UNIVERSITY OF CALIFORNIA
OFFICE OF THE PRESIDENT

Berkeley, January 12, 1906.

Dear Miss Scripps,-

I have for a long time been desirous of visiting the Marine Station at San Diego. Until recently I did not know that Regent McKinley had been unable thus far, contrary to his intentions and our expectations, to visit the place. There is a momentary respite in my scheme of engagements at the end of next week and the beginning of the week following, and I propose to utilize that respite by a visit to La Jolla and I shall, if possible, bring Regent MeKinley with me. I should like to know if you are to be at La Jolla at that time. I should leave Berkeley, Saturday the twentieth and reach San Diego on Monday, the twenty-second.

Very sincerely yours,

Benj. I. Wheeler.

Miss Ellen B. Scripps,
La Jolla,
San Diego,
California.

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THE BEST LOCATION FOR A HOME IN THE UNITED STATES

San Diego Chamber of Commerce

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SAN DIEGO, CALIFORNIA

January 13, 06

Miss Ellen Schipps,

La Jolla, California.

Esteemed Lady:-

I am requested by the Board of Directors of the San Diego Chamber of Commerce to extend to you, their sincere thanks in behalf of all the people of San Diego, for your generosity in bestowing upon the San Diego Marine Biological Association, such a princely endowment.

May the pleasure and happiness of the donor, keep pace with the growth of such a valuable institution, and the benefits conferred upon an appreciative public.

Yours very gratifully

San Diego Chamber of Commerce,

James A Jasper
Secretary.

UNIVERSITY OF CALIFORNIA
OFFICE OF THE PRESIDENT

Berkeley, January 22, 1906.

Dear Mr. Baker,-

I cannot yet be sure by what train I shall come from Los Angeles. I shall be governed in this by the convenience of Judge McKinley, but probably we shall arrive at twelve-forty-five p.m. on the thirtieth. It will then be possible for us to take lunch at the station and go out at one-fifty p.m. to La Jolla. It was very kind of you to send me the times of the trains.

Very sincerely yours,

Benj. I. Wheeler.

Mr. Fred. Baker,
San Diego,
California.

San Diego Marine Biological
Association

Berkeley
~~SAN DIEGO~~, CALIFORNIA, Jan. 23, 1906.

Dear Miss Scripps,-

I do not know whether President Wheeler has written you that I am to accompany him and Judge McKinley & La Jolla, or not. It is going to crowd me somewhat to get in the trip, but the opportunity to give information on the ground to President Wheeler and particularly Judge McKinley, is too good to be missed, I could make, also, that my presence might make the visit of these two entire strangers pleasanter to you.

I hope your brother will be able to see us all - I am very desirous of having both gentlemen make his acquaintance I am, however, going to leave to you entirely the question of seeing him, and of going to Miramar. You will know that his business engagements are.

Sincerely Yours, Wm. E. Ritter.

UNIVERSITY OF CALIFORNIA
OFFICE OF THE PRESIDENT

Berkeley, January 24, 1906.

Dear Miss Scripps,-

I have received your letter of January twenty-first addressed to me and a communication of date December twenty-ninth, addressed to myself and Professor Ritter. Your explicit statement of your purpose to provide the sum of fifty thousand dollars for the maintenance of the San Diego Marine Biological Association now assures that institution a definite and unquestioned existence. Your decision to take this step marks the real foundation of an institution which will be as permanent as the life of human kind upon the globe. Human experience has proved that no form of institution is as permanent as the University, and this establishment at San Diego, connected as it will be with the University and provided with a certain definite fund, be it large or small, has guaranteed a continuous career of usefulness and credit. The fact that this Biological Laboratory is to be situated at a point where its work can be conducted to the best advantage of any place perhaps in the world, assures us that its funds, whatever they may be, large or small, will be, under the safe, economical management of the University, expended to greater advantage than would be under other circumstances or at other places possible. I recognize the importance now of establishing, through the Regents, some special form of business control for

this institution. I shall make it the object of my prospective trip of next week to find out what the needs are and who the man is or men are to be secured for this public service. With expression of my very high respect and heartiest congratulations to you that you are in a position where you are able to do this great good, I remain,

Very sincerely yours,

Benj. I. Wheeler.

Miss Ellen B. Scripps,
La Jolla,
San Diego,
California.

P. S. - I have written to your brother accepting with great pleasure his invitation to spend the night of Tuesday under his roof.

Very sincerely yours,

San Diego Marine Biological
Association

Berkeley
~~SAN DIEGO~~, CALIFORNIA. Feb. 6, 1906.

My dear Miss Scripps,-

Just a word before going aboard - business, of course. Shan gone over with Professor Kofoid somewhat fully the plans for the coming year's work of the Station. He will communicate with Dr. Baker on this, and I would like Dr. Baker to see you personally and go over, in general, these plans. Of course it will not be expected that you will be concerned with the details, but the broader features I would like to have you know and give an opinion on, in fact approve, before they are acted upon. Will write you from the steamer or from Honolulu.

Sincerely Yours. Wm. E. Ritter.

Los Angeles, Cal., Feb. 7, 1906

Hon. J. W. McKinley,
Regent, University of California,
Pacific Electric Bldg.,
Los Angeles, Cal.

Dear Judge:

Miss Ellen B. Scripps of La Jolla, Cal., instructed me to notify you that she had duly executed a codicil to her will which contains the following provision:

Four -"To the Regents of the University of California I give the sum of Fifty Thousand ($50,000.00) Dollars to establish, at or near San Diego, California, a Marine Biological Station. Unless the labratory is erected before my death, I direct that the above sum, or at least the major portion of it, shall be invested in the erection of a permanent building, which shall be known as the "George H. Scripps Laboratory", as a memorial to my deceased brother. I also desire, if possible, that the laboratory shall be under the charge of Prof. W. E. Ritter, and I hope that it will be possible for him to have direct charge of the station for many years. Should the laboratory be erected and paid for prior to my death, then I direct that the above sum be held as a permanent endowment fund, the income only to be used towards maintaining the station."

If I can be of any further service in this matter, do not hesitate to call on me.

I leave for Cincinnati tonight, and my address there is No. 907 First National Bank Building.

Yours truly

J. C. Harper

P. S.

EXECUTIVE DEPARTMENT,
STATE OF CALIFORNIA,
SACRAMENTO.

February 10, 1906.

Miss Ellen B. Scripps,
La Jolla, Cal.

Dear Madam:

Some time ago, if you remember, I had the pleasure of meeting you at Miramar, where Mr. E. W. Scripps was kind enough to delightfully entertain Mrs. Pardee and myself. The subject then engaging our attention was the Biological Station, in the success of which you and Mr. Scripps showed such a friendly and substantial interest. From time to time since then I have heard, through Prof. Ritter and others, of the continuance of that interest; and Mr. President Wheeler, of the University, has lately informed me of the very considerable and very generous donation that you have made thereto.

From other sources I have heard of the great interest that the Scientific World is taking in the Station and the great results that are being achieved and expected therefrom.

Will you permit me to assure you that, both officially and personally, I thoroughly appreciate your kindly and generous interest in this matter, and to thank you therefor in the name of the State?

Very truly yours,

Geo. C. Pardee
Governor.

SB

Berkeley, February 14, 1906.

My dear Sir:-

At yesterday's meeting of the Regents of the University of California, Judge McKinley presented your letter of February seventh containing a copy of a codicil to the will of Miss Ellen B. Scripps. The Regents have appreciated very highly Miss Scripps' intentions in the matter of the San Diego Marine Biological Laboratory. The following resolution was adopted by the Board:

"RESOLVED that the Board of Regents, highly appreciating the generous offer of Miss Ellen B. Scripps to provide by her last will a gift of fifty thousand ($50,000.00) dollars for the purpose of furnishing and establishing a marine biological laboratory, hereby expresses its thanks to Miss Ellen B. Scripps for her offer and its willingness to accept and apply that amount and such amounts as may hereafter be received for the same purpose to the erection and maintenance of a marine biological laboratory; it being understood, however, that the acceptance of such trust does not carry with it any obligation on the part of the University of California to provide any funds for any purpose in connection with said work."

Very truly yours,
W. A. Henderson
Acting Secretary
Board of Regents.

J.C. Harper, Esq.,
907 First National Bank Building,
Cincinnati, Ohio.

UNIVERSITY OF CALIFORNIA
OFFICE OF THE SECRETARY

Berkeley, February 16, 1906.

My dear Madam,--

I have the honor of enclosing herewith a copy of a report of the Committee of the Regents on the Marine Biological Laboratory at San Diego through which was made known to the Board your generous intentions for the firmer establishment of the Laboratory. The report includes also a copy of the resolutions in which the Board expresses to yourself the thanks of the University and its willingness to accept the high public trust which you suggest.

Believe me, with the highest respect,

Very truly yours,

W W Anderson

Acting Secretary,
Board of Regents.

Miss Ellen B. Scripps,
San Diego,
California.

LAW OFFICES
J. W. McKINLEY
432-437 PACIFIC ELECTRIC BUILDING
LOS ANGELES, CALIFORNIA

February 17th,1906.

Miss Ellen B. Scripps,
LaJolla,Cal.

Dear Miss Scripps:

At the meeting of the Board of Regents of the University of California held upon Tuesday,February 13th,the Board unanimously adopted the report of the Committee upon Marine Biological Laboratory a copy of which I enclose to you.

We are all very much pleased with the prospect of putting the Laboratory upon a staple foundation and will take such steps as are practicable for getting the matter in shape.

Yours respectfully,

J. W. McKinley

EXECUTIVE DEPARTMENT,

STATE OF CALIFORNIA,

SACRAMENTO.

Feb. 17, 1906.

Miss E. B. Scripps,

La Jolla, Cal.

Dear Madam:

I am in receipt of your favor of February 13, and it gives me much pleasure to note the degree of interest you take in the very important scientific work being conducted at the Biological Station, and which we all hope will rebound so much to the credit of the State of California.

Very truly yours,

Geo. C. Pardee

Governor of California.

San Diego. Cal, Feb, 21, 1906

Miss Ellen B. Scripps.

La Jolla, Cal,

Dear Miss Scripps:

I enclose herein a letter from Mr. H. H. Peters and one from Dr. Hofoid, which it seems to me it will be best for you to see. If convenient - I should like them both returned to me at a later date.

Early this month I wrote a long letter to Mr. Peters. - six type written pages I think - giving him a very full account - of all that had happened to and through our Biological Association since he left town, our distinguished visitors and their satisfaction and interest. - especially Mr. Agassiz. I told him of your plans to donate $50,000. to the institution, and the assurance this gave of permanency to our institution. Then, I reminded him that he was in arrears $500. for the current year - and that we had his assurance of $1000.00 more next year - I urged upon him the necessity we labor under of a small pumping plant of our

over which the balance of his contribution for this year would enable us to purchase, and stated that we must have his contribution for next year in order to go on with the work next year on the same scale as for the past three years. I asked him to let me know if we could count on his contribution. On reading his letter I am at a loss to know if he means to make good his subscription or intends to "calmly put the question by." The ~~word~~ day statement to the point "~~it~~" and I assure you of my continued interest and support." leaves us much in the dark. and we certainly cannot bank on his money. This is very unfortunate as we should know now with definiteness just what we can count on in order to make our plans as suggested by Dr. Kofoid's letter.

I wrote Dr. Kofoid fully as to the local situation and his letter is in response to mine. I have gone over his plans carefully and they are of course impracticable with the funds assuredly available. In the first place the estimate of funds now on hand is considerably too high. There is in bank to-day. $656.55 and some checks may not have been cashed, outstanding my bills do not exceed $50.00 I think, but of this I am not absolutely certain. I know of about $30.00 not yet

presented. There is however a further charge probably of $161.00 against this fund, arising from Dr. Ritter's salary for last year. Early in the summer Mrs. E. W. Scripps told Dr. Ritter that he would pay his salary, but the statement came in such an informal way that Dr. Ritter would not ask him for it. Therefore during the summer Mr. Wood drew checks to cover the Doctor's actual expenses. When I met your brother in La Jolla he asked me why I had not drawn on him for the salary, and asked for a statement of the amount. I told him that the salary for six weeks would amount to $337.50. but that Dr. Ritter had already received a part of it from the general fund. and later I notified him through Mr. Hamilton that the balance was $174.50

A few days later I was much pleased to learn from Mr. Wangenheim that he had your brother's check for $337.50 the amount which it now seems to me should really have been charged to him. but in a recent letter, he says that he deposited this amount because he was uncertain of the figures I sent and that the balance over $174.50 or say $161.00 could apply later on the $500.00 which he has offered to donate on account of Dr. Ritter's expenses if he takes his trip to Marseilles.

This leaves our funds available May 1st at about -$345.- less any expenses incurred before that date. I see no chance of any considerable expenses before that date except we spend money for outfit for use during the Summer, unless something should go wrong with the Loma necessitating repairs. She has been leaking a good deal. and may need overhauling but I hope not.

As to Dr. Kofoid's estimates, the first one for Professor Parker is not a necessity, but would be a very good thing for our work. (On second thought I think it was two years ago.) Over a year ago, Dr. Ritter corresponded with this gentleman to ascertain if he could spend the summer with us - but learned that he was obliged to spend the summer in completing work then under way. and needed soon by publishers. He works along the lines Mrs Esterly has been pursuing but of course he is capable of much higher class work. His connection with Harvard University, and his high standing among biologists as well as his genial personality led Dr. Ritter to choose him, should we at any time feel it best to bring any biologist from the east. I mentioned him to Pres. Jordan about the time we learned he could not come to us. and he spoke very highly of him.

Professor Parker wrote Dr. Ritter that at a later date if he

should receive the same invitation he should if possible consider it favorably.

To go on with estimates the Loma 6 weeks- $720. is undoubtedly too large, unless a considerable new tackle should be needed. Last summer's six weeks cost us considerably less than $600. which sum I had estimated. A resident Naturalist is placed at $600.00 We shall be without one for about five months this year - and if funds are not available can probably do without next year. Though in many respects a resident naturalist is of the highest importance.

The same can be said of the "Weekly collections by Cabral - 40 weeks- $200.00 We have practically done without these all of this year. Last year he was at work the whole year.

Another question of large importance which I should have brought up at our last meeting had there been time is the question of pumping salt water. Last year for a very unsatisfactory supply during the summer. Mr. Martin charged $25.00 I am in receipt of the bill of lading of the glassware which your sister donated. and am looking for its arrival any day. Should we utilize it as we hope any attempt to

utilize the aquarium jars which are on the way would cost fully $25.00 a month for a very unsatisfactory supply. Three hundred and fifty dollars would install us a small engine which would pump all the water we need at a cost of from fifteen to twenty-five cents a day. I suspect it would be economical to purchase such a plant even if we sold it later at a loss.

I have asked Dr. Kofoid to estimate how much money would buy a pumping plant sufficient to supply any sized laboratory at a later date. It might be economy to buy a full sized engine this year. Dr. Kofoid suggests the possibility that your brother might have no use for his subsidiary engine and might loan it to us. This might be worth asking for when we know just what we want.

Dr. Kofoid estimates $3570 as the cost of the summer's work with Cabral's & Stewart's work. There will be some other necessary expenses, but as he has over-estimated in some lines, and some things can be easily dispensed with, it seems to me that such a sum would make a certainty of a very profitable year. Should Mrs Peters's full subscription come in we should have available May 1st and receivable during the year about $3300.00 Should it not come, there is no sight only about $1800.00

Arrangements for our scientific corps should be concluded in the very near future, and before any move is made we must know what we can count on. You seem to be the only one upon whom we can count to make up any deficiency. so I write to ask instructions as to whether we shall plan our year's work on the basis of $1800.00 or if you care to assume the responsibility of larger expenditures. I still hope that Mr. Peters will pay up. but if we are to count on his money, some one must guarantee the sum, should we need it before he sees fit to pay. I trust that you will understand that I appreciate very highly your generosity to our undertaking, and that I am not in this letter urging you to do more than you have already done. but that I am simply seeking information on which to base plans the maturing of which should be brought about in the near future.

I should be pleased to meet you at any time if you care to talk over the situation, or if I can give you any further information. If necessary I can come to La Jolla. but of course this does not half a day at least from my office so that if it were convenient for you, I would much prefer to see you in town. I can meet at any time and place you set at my office or elsewhere.

I have been interrupted several times while writing this letter, so that I may have omitted something of which I intended to write. Should anything further occur to me I will take the liberty of writing you again. Should I not see you before you determine the questions I have submitted to you, I would appreciate if you would pass judgement on the larger items of Dr. Kofoid's estimates. Particularly the matter of calling Dr. Parker out, as this should be determined very soon.

Very respectfully,

Fred Baker.

UNIVERSITY OF CALIFORNIA

DEPARTMENT OF ZOOLOGY

BERKELEY, Feb.28 1906

My dear Miss Scripps:-

Before Professor Ritter left we went over plans for the coming summer and laid out the following program on the basis of Dr.Ritter's report of cash on hand and due for the current year,less outstanding bills and possible expenditures, of $1218.14

Subscriptions for coming year,yourself 1500

Mr.Peters 1000

$3718.14

Dr.Baker writes me that Professor Ritter has probably counted on $500 which had already been paid.This would reduce the sum to $3218.14.

The following are the lines ow work proposed:-

1.Running the Loma,for collections,especially for the purpose of filling up the Museum containers which are due to arrive soon.I hope to have Mr.D.W.Davis,for two years collector at the Marine Laboratory of the Bureau of Fisheries at Woods Holl take charge of this part of the work with the help of P.Graf,our laboratory helper at Berkeley.

2.Bring out Prof.G.H.Parker of Harvard University,one of the strongest men in the East,a man of wide experience whose advice in the matter of locating the Station will be helpful,and whose scientific work will also be a help to us.Mr.Esterly would work with Dr.Parker.

3. I am also in correspondence with the Bureau of Fisheries at Washington, hoping to secure the appointment by them of Prof. H. B. Ward of the University of Nebraska as scientific assistant to work this summer in our laboratory as Professor Nutting did last summer. No expense, beyond providing laboratory facilities will be involved in this.

4. Keep a resident naturalist at La Jolla throughout the remainder of the year after the summer session. ~~The figures are approximate~~.

5. Make every effort to finish up my paper on the Peridinidae.

To do these lines of work and continue Dr. Robertson's work on the Bryozoa will take approximately $3700 as per an itemized list of expenditure submitted to Dr. Baker. The figures are approximate.

In this budget no provision is made for the water supply. Last year this was insufficient and very unsatisfactory. To put in a temporary plant now, if we build soon, seems an expenditure for which we shall get small return. But we shall need it if the aquaria are put in operation. Dr. Baker estimates the expense of a temporary plant at $375. Such a sum would cut into the scientific expenditures, into which we have planned already to cut deeply for the installation of the Museum collection.

We should be glad to have your advice in this matter.

We are looking forward to a very interesting and successful summer and shall be happy to get back to La Jolla. We trust your sister Virginia will

UNIVERSITY OF CALIFORNIA
DEPARTMENT OF ZOOLOGY

BERKELEY, 190

be able to get over to Berkeley on her way to the Orient. We have heard from the Ritters at Honolulu.They are having a fine time.He is taking quite a trip about the Islands.

Sincerely Yours,

Charles A. Kofoid

San Diego, Cal. March 1. 1906

Dear Miss Scripps:

Your favor of the 27th ult. just received and I have noted the contents with much pleasure. You can retain the letters from Mr. Peters and Dr. Kofoid as long as you desire. I made a note of Dr. Kofoids estimates for reference in writing him, and simply wish for the letters to file. I will write him to-day advising him of your position, and authorizing arrangements for the scientific corps.

I wrote Mr. Peters, thanking him for his assurance that we could count on him, and I will at once act on your suggestion, and post him thoroughly on our plans. I am hopeful that a little work with him may bring the money.

Unfortunately, I can do nothing financially, but I am ready and anxious to undertake any work which may offer.

Very sincerely

Fred. Baker

Misc & Miscellaneous

Professor W. E. Ritter of the San Diego Biological Station writes one of his San Diego associates the following letter, dated- March 22nd, written on board the Steamship Manchuria:

"This is great sailing! The barber on this ship tells me he has been on board since the first voyage, and that there has been no time that he could not do his work without difficulty-- most of the time since we left Honolulu we have been on such an "even keel" that it would almost require a spirit level to detect any unevenness. The most notable thing, hydrographically, that has come along thus far is the long continued west and south-west winds this winter. We have seen nothing else since leaving San Francisco, and between Honolulu and the coast these winds have been so constant and strong part of the time that some of the see-afaring men with whom I have talked believe the usual westerly set of the current of this portion of the Pacific has been reversed, locally at least. "The Log of the Argyll", a steamer from Port Harford to Honolulu, with a cargo of oil particularly indicated this. But the north-easterly trades will surely soon be on again and set matters right.

The things biological that occupied me most of the time during our month in the Hawaiianss Islands were the coral reefs, the acquarium, the Bishop Museum, and the race (human race) problems. These latter would undoubtedly interest you most- and I rather think, they did me. It would, I imagine, be difficult to find another spot on the globe where more kinds of people have come against one another in so nearly equal force. The principal of one of the largest schools in Honolulu told me that the three hundred, more or less, pupils of the school, are about evenly divided between Chinese, Japanese, Americans, Portuguese, and native Hawaiians. In answer to my question as to which kind she likes best, she said she liked them all the same, but that in quality- the Chinese are

distinctly ahead. In capability- in diligence- in desire to learn- on all counts, she says, they are the best. And this estimate seems to correspond to that reached by the sugar planters and all the rest who have the best opportunity to compare kinds. The Chinese, too, it seems are the most successful in forming family relations with the Hawaiians. What the chinamen can't do, if they decide to make the attempt, it is hard to discover. But from a purely biological, or ethnological standpoint, the problem of the Kanakas themselves is the most interesting. Epicureanisum seems to have worked itself out to its logical results here. A lot of people who actually have no aims than a "good time"; who succeed amazingly at this aim, but who at the same time just as soon be dead as alive, both personally and nationally, are an enigma, sure enough. To make out what the factors are that have foredoomed them to utter extinction is deserving of more careful study, I think, than it has yet had. I am surprised to find that several authorities on these and other polynesian races, hold the view that not only the Hawaiians, but also the inhabitants of some of the other groups of islands were already diminishing in numbers before they were discovered by the whites. Satisfactory proof of this, I have not, however, seen presented. It does seem, though, that at least as regards the Hawaiians, the elements that make for permanence (the static elements in my way of putting it) are, and were, even in Cook's time, so exceedingly weak, that the highest point in their course toward civilization might have been reached anterior to their contact with Europeans. The family bond was about as near nil as can be imagined for a people beyond the lowest stage of savagery.

The economic bond, except as between chiefs and kings, was if anything still weaker.

I'm going into this matter more some time-- when I get around to the thousand things that I've put aside to do upon some rainy day in the future, when I can't go a'fishing.

March 27th, Yokahama. We left Manchuria day-before yesterday and have made a start at Jimikishaing. At first a full-grown male European or American feels rather silly to be riding in the streets in a baby wagon drawn by a lot of a man. But the fact that hundreds of others are doing the same thing, helps him greatly to be brave and indifferent. Nothing is queer or off color if enough people do it, you know. My first impression of Japan and things-Japanese, is of the littleness on all hands (this observation is not, I believe, entirely original with me) little people; little houses- when, as rarely happens, you see one; little houses; little narrow streets; and queerest of all, little trees- pine trees 50 or 75 years old that ought to be large trees, flourishing happily in flower pots on your dinner table- some some way these astonish one even though he has read much about them. To delight in littleness seems as much of a national characteristic here as to delight in bigness is with us Americans.

Sincerely yours,

(Signed) W. E. Ritter.

UNIVERSITY OF CALIFORNIA
DEPARTMENT OF ZOOLOGY

BERKELEY, Apr. 9 1906

My dear Miss Scripps:-

I am enclosing herewith the reply from Dr. Parker to our invitation. I regret very much that he is unable to be with us this summer.

I wish to propose the asking of Prof. E. B. Wilson of Columbia University New York City. Professor Wilson is in many respects our foremost biologist and has had a wide Experience among the leading Stations in Europe and in this country. He is somewhat more of a specialist than Dr. Parker.

I also suggest the asking of Dr. H. S. Jennings of the University of Pennsylvania at Philadelphia. Dr. Jennings is just back from a year at Naples at the designation of the Carnegie Institution. He is one of our foremost younger men, and has seen considerable of Stations elsewhere. I believe it will be possible if these men are free to come, to bring about their coming within the sum allotted for Dr. Parker.

The Ritters have had a glorious time in Hawaii, and we hope for news from Japan soon. The Marseilles exhibit is nearly ready for shipment - The model of the ocean floor off Southern California is very interesting-

Very truly Yours

Charles A. Kofoid.

Biological

Miramar, Cal., April 18th, 1906.

Dr. Fred Baker,
San Diego, Cal.

Dear Doctor:--

I enclose herewith copy of letter I ~~just~~ have dictated to Kofoid.

I do not understand that matter you wrote to my sister about, in regard to payment to Ritter. I supposed that I was to pay Ritter's salary-- some ~~$530~~ or $540.00 and I gave Wangenheim a check on this account. Later I received a letter from you stating that the amount was not so large. I do not know anything about the expenses or what is customary.

Of course, Prof. Ritter should receive from me the full amount that I expected to pay and promised to pay. If the check I gave Wangenheim for the amount due him, then there is to be no deduction made. When I am called on for the other $500.00, I will send it, but I am not going to send it until I am called on for it. When you want the money for Prof. Ritter, notify me and I will give you the check.

It is absolutely impossible Doctor for me to keep these matters in my own mind.

I noticed too in the correspondence I saw that there was some misunderstanding as to the amount of my contribution. I suppose that I was not called on to pay the full amount last year on account of the payment I had made on the "Loma". I forget what I did pay.

Of course, I want to see the institution very economically and carefully managed, but the work should not be allowed to suffer for too great a lack of funds.

I was speaking to my sister Ellen yesterday about the matter of sewerage. The LaJolla people, it appears, are carrying on their private sewer systems to such an extent that if it is long continued, LaJolla will very soon become a place entirely impracticable for the proposed station.

I have suggested to Ellen that unless LaJolla or the City of San Diego adopts some other course, we should have to abandon that location for the station and build elsewhere.

I now believe that it might be better to have the station located at some point farther up the coast, not only for the purpose of being nearer uncontaminated water, but for the purpose of obtaining a quieter place where the professors and students would be more inaccessible to the public and consequent ~~disturbance~~ interruption

There is hardly any doubt that before the new building can be put up, there will be an electric line down the coast, which will make all parts of the coast and the Bay easily accessible to the station. At Capistrano there is a good landing beach and a place where the "Loma" and larger boats can lay safely at anchor.

There are several points between Oceanside and Lajolla where considerable tracts of land could be bought cheaply now and where sufficient beach front might be obtained to secure the waters against contaminations for all future time.

I think that Kofoid and visiting scientists should this summer give considerable attention to this matter of location. With electric cars and such fast and powerful boats as the station will doubtless be equipped with soon, the mere matter of distance from any particular part of the coast would be of small concern.

3, F. B.

It must be borne in mind that the sole and only object of this station is to be scientific research and that we have no purpose or desire to sacrifice these ends in order to boom San Diego real estate.

It appears to me now that LaJolla is going to grow into one of those large and turbulent seaside towns, the life and activity of which would be entirely unsympathetic with our institution.

Yours sincerely,

E. W. SCRIPPS.

Mirsmar, Cal., April 18, 1906.

Prof. Chas. A. Kofoid,
University California,
Berkeley, Cal.

Dear Professor:--

Yesterday I was shown a letter addressed by you to Dr. Baker something like two months ago, in which you discussed plans for the summer work at the Biological station.

I also saw a letter from Dr. Baker to my sister.

I think there should have been no question in anyone's mind as to what Mr. Peters would do. Of course, he will make his thousand dollar contribution.

Beyond this, there are my own and my sister's contributions certainly coming in.

Under these circumstances I see no reason why you should not be able to carry out all of your plans.

I consider it extremely desirable that you should have as many visiting scientists as possible. We want to get these people in the habit of regarding San Diego station as an important one. But, beyond that, these visitors will doubtless be able to give us much valuable advice with regard to our project for building and the general plans of extending our scientific work.

I note with regret that Dr. Parker finds it impossible to spend the season with us. I suggest that late in the season, after he has his house-building done, that he be invited to spend a week or

more with you at LaJolla for the purpose of getting him interested and securing his attendance another year.

Supposing it possible that you might desire to invite other biologists, I will say that I might be induced personally to bear the expense of one or more of them.

I have two excellent engines and pumps(I think sixteen horse-power) capable either one of them of delivering any quantity of water that could possibly be needed. I think that I could spare one of them for one season at least and may be for more. I do not know whether the same pump could be used for salt water as used for fresh water. But a pump is not expensive- theengine represents the principal cost, and another salt-water pump might be bought, which would be of permanent use.

I hope that ProfRiRitter's absence will not result in there being any reduction in the effectiveness of the station this season. I would rather that you would succeed in making this a more productive season than any other. I promise to help you in this matter.

I will not go East this summer until the first of June, and it is probable that I will be away all the time you are at LaJolla.

In that case I will leave orders with my foreman and secretary to place Miramar at the service of yourself and staff. Some of you may find it convenient to spend some time here, where you can work quietly and be free from all possibility of disturbance.

Yours sincerely,

E. W. SCRIPPS.

Miramar, Cal., April 30, 1906

Dr. Fred Baker,

San Diego, Cal.

Dear Doctor:--

I still cannot understand the case of Prof. Ritter's salary. Perhaps you overlook the fact that I am entirely unacquainted with the customs governing such cases as Ritter's or arrangements made with him or other presidents. Has Prof. Ritter been paid now in full, the same as Kofoid and the others? Is he expected to pay out of his salary his expenses? All that I have asked for from you is a plain statement as to how much was due Prof. Ritter at the time he left. Was the check I gave Wangenheim too much-- I mean, more than customary?

Have you not received the other $500 yet? If not, I think it is still practicable for you to base your insistence upon getting the full amount from the Chamber of Commerce or Citizens on the ground that the $1000 was needed and that I had contributed half, and that the others should contribute the remainder.

Let us drop the Loma matter with 1906, and I will make my full contribution this year of $500.

I wrote to Waite of the Sun at the same time I wrote to you about the sewerage matter in LaJolla and he said he made a note of the subject in the Sun. I have been away the last week, and although I think I have seen all the copies of the paper, I have not found the item. There is no objection to making my letter on the subject public if you think any good will be accomplished.

I received a very pleasant note from Pres. Wheeler on my return home Saturday. He expressed kindly appreciation for something that I had done. I rather imagine that Prof. Kofoid had told him what my sister has agreed to do and he supposed that he was referring to me. However, it is gratifying to know that he keeps this matter so well in mind. It is unfortunate that the letter is so complimentary personalito myself; otherwise I would have it published for the sole purpose of letting San Diegans know that Pres. Wheeler showed such an actual interest in the institute. I think that you should loose no opportunity of giving such information to all of the papers as to keep this subject constantly before the people and in a way to arouse local pride and interest in it.

It is because the Union and some of the citizens have been making an attack about Scripps papers and methods and because the Sun has had occasion to mention me and my doings so much of late that I do not want to lay it on too thick and that I do not send this letter to Waite for publication, (although I showed it to him.)

You will note that I in my letter to Kofoid urged on him the idea that this season's work should not only not be neglected on account of Prof. Ritter's absence but should on that very account be pressed harder than ever.

I would like you as the local chief representative of the institute to be especially active in the same direction. Please make as much noise as you can about it and especially you should make an effort to obtain the presence of distinguished visitors.

Yours sincerely,

E. W. SCRIPPS.

Miramar, Cal., May 2nd, 1906.

Benj. I. Wheeler,

Pres. University Calif.,

Berkeley, Cal.

Dear Sir:--

Yours of the 24th at hand. I would take it more as a message to my sister than to myself. It was while I was so deeply absorbed in business that I could not give th[redacted] personal attention that she took up the matter of this [redacted]r's work with Dr. Baker, and I suppose Prof. Kofoid, and guaranteed the money necessary to prevent the coming season's work suffering any on account of Dr. Ritter's absence.

In spite of my frequent determinations not to allow this matter to become too much of a personal interest of my own, I find myself impelled to turn my attention to it. I feel that it is possible and altogether probable that I will, as I grow older, having more leisure and more money to dispose of, become more and more interested in the institute.

The conviction is growing on me that this institution is, or should be, so important- with aims and objects so high, that it should not be degraded by its ever being regarded as a local show-place-- as something to advertise the town with. The station, itself, should be located where it will best serve the interests of science-- where the investigators can work to the best advantage, with the freest possible access to material and the least possible chance of interruption by the unintelligent curious.

No part of the money spent on the building should be wasted in

showy architecture-- exterior or interior. The building should be planned and constructed solely for the use and convenience of the workers in it. All funds that could thereby be saved should be devoted to securing equipment and men of the right sort to use it.

Substantial buildings, free from expensive ornamentation, need not be ugly, but on the contrary, can be made more pleasing to look upon.

We should not try to build a monument, but a work-shop.

I think the plans ought to be drawn for a building or buildings which would be as large and extensive as might ever be called for when the institution should be completely developed. Then we could put up so much of the buildings or buildings as would serve the immediate needs of the institute while it is stilla "small thing". Later on, from time to time more building could be done until the whole was finished. If such complete building plans were not drawn, still a plan of the first building should be of such a character as will permit of its extension.

Miles of sea coast and sections of land might be bought some miles from San Diego at a smaller first cost than rods of beach and building lots within the city limits of San Diego, (which includes Lajolla).

The fire that followed the earthquake in San Francisco wiped my little paper and its office out of existence. Of my 30,000 readers in the city only 7500 were left under their own roofs where my carriers could find them and identify them. A similar disaster to any one of my big and over grown money-making properties would not

Mr. W. 3,

have caused me so much grief.

However, I have started in again- my paper is being published, and I intend that it shall grow up with the new city. But had San Francisco been completely wiped out of existence, and with it my paper, I would not have felt that all I had there had been lost. The earthquake could not shake down the "idea" represented by the paper; nor the fire consume it. San Francisco would have still proved to me, at least, that it is possible to publish a newspaper in America free and independent; not only of corrupt politicians, but of sordid and selfish, and altogether too frequently dishonest venders of dry-goods, patent medicines, canned meats, breakfast-foods, and their like. The fire left me my "idea" intact, and I am going to plant its seed in the ashes of San Francisco and see it grow there, and I am going to plant it in other cities in this country.

I hope to live long enough to see, if not a free press, in America, at least a freer press than we have now. I feel that all I have got to do in order to accomplish such a revolution is to prove by example that such a paper as I was making the San Francisco News can be published profitably.

That done, better and abler men than myself will borrow my invention and develop it in every journalistic field in the country.

There is something more in my idea, too, than appears at first sight. Modern journalism has so developed that it is almost impossible for a poor man or even a moderately well-to-do man to own, either by purchase or foundation, a newspaper. The result of this is that the newspaper press of this country-- that is to say, the really

influencial press, is owned by the rich and influenced unduly by those who are trying to get rich too quickly-- that is to say, by the advertisers. The kind of a newspaper which is the offspring of my "idea" can be founded by any man, young or old, who has a message which the people want to hear-- who is honest, industrious and possessed with only ordinary business sense and a few hundreds of dollars, or at most, a few thousand.

A few weeks ago I was discussing the San Francisco News with an old and wealthy daily newspaper publisher and showing him its business statements- the humble beginnings, the (to him) infinitestimally small original cost, and also the later rapid rise and growth of the paper's circulation. When I had finished, he turned to me and complainingly asked, why I was doing this thing and further asked me if I did not know that I was inventing a newspaper business theory that might, and almost certainly would eventually destroy a great number, if not most of the old newspaper properties, such as his and some of my own are.

Yours sincerely,

E. W. SCRIPPS.

Kofoid

Miramar, Cal., May 8, 1906.

6-240

Benj. I. Wheeler,
Pres. University Calif.,
Berkeley, Cal.

Dear Sir:

Yours of the 24th at hand. I would take it more as a message to my sister than to myself. It was while I was so deeply absorbed in business that I could not give the institute my personal attention that she took up the matter of this summer's work with Dr. Baker, and I suppose Prof. Kofoid, and guaranteed the money necessary to prevent the coming season's work suffering any on account of Dr. Ritter's absence.

In spite of my frequent determinations not to allow this matter to become too mych of a personal interest xxxxxx of my own, I find myself impelled to turn my attention to it. I feel that it is possible and altogether probable that I will, as I grow older, having more leisure and more money to dispose of, become more and more interested in the institute.

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[illegible] own the idea

had been lost. The earthquake could not shake down the "idea" represented by the paper, nor the fire consume it. San Francisco would have still proved to me, at least, that it is possible to publish a newspaper in America free and independent; not only of currupt politicians, but of sordid and selfish, and altogether too frequently dishonest venders of drygoods, patent medicines, canned meats, breakfast foods, and their like. The fire left me my "idea" intact, and I am going to plant its seed in the ashes of San Francisco and see it grow there, and I am going to plant it in other cities in this country.

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Yours sincerely,

E. W. Scripps.

Nº 6869

NATIONAL
BANK OF COMMERCE
OF SAN DIEGO
CAPITAL $150,000.00

JULIUS WANGENHEIM, PRESIDENT
B. W. MCKENZIE, VICE-PRESIDENT
C. FRED HENKING, CASHIER
J. C. RICE, ASSISTANT CASHIER

SAN DIEGO, CALIFORNIA, May 7, 1906.

Miss Ellen B. Scripps,

La Jolla, Cal.

My dear Miss Scripps:-

Kindly note that your first instalment for the Biological Association on $500 was due on May 1st.

Kindly give me your pleasure in the matter.

Very truly yours,

J. Wangenheim
Treasurer.

We will be more than pleased to advance this if inconvenient to you at the present time; a you might let it run temporarily as we are not "out of funds" in the Assn.

JW

Miramar, Cal., May 7, 1906.

Dr. Fred Baker,

San Diego, Cal.

Dear Doctor:

I judge from your letter that Dr. Kofoid is here by this time.

Please inform one of my secretaries, by telephone, whether or not he is to be in La Jolla. As I am laying off from business now, I spend considerable time with my automobile, and I would like to meet him at my sister's for an hour's chat some afternoon. I want to avoid the necessity of making a specific appointment. If he is living there, I can pick him up at the house or at the laboratory with my machine and take him up to my sister's house.

I note what you say about the Ritter matter. I think I understand it now.

I expect to leave Los Angeles for the east on June 1st.

Yours sincerely,

E. W. Scripps.

Miramar, Cal., May 9,1906.

Mr. J. Wangenheim,
Treas. Marine Biol. Ass'n.,
San Diego, Cal.

Dear Mr. Wangenheim:--

Enclosed find check for $500.00, representing one-third of my contribution to the Institute for the year 1906.

I am confident Mr. Peters intends to pay and will pay his subscription. I imagine that his delinquency is occasioned solely by his preoccupation with other affairs and his frequent absence from his business headquarters on account of such business. I know that I have many times failed of promptness in just such matters as these, not having the least intention of evading any responsibility. I advise that you respectfully but frequently urge this matter on Mr. Peters' attention, and in such a way as to cause him to be sure that you have not the least doubt in the world but that he will make the remittance when it is convenient for him to do so.

Yours sincerely,

E. W. SCRIPPS.

P.S.

I am somewhat muddled about those various bank accounts. My Foreman Mr. Clingan assures me that in one account or another there is money enough in your bank to meet such checks as I expect to make. By telephone or letter to Mr. Clingan or Mr. C. O. Nordin, who is one of my secretaries, I think my bank affairs can be kept straight.

E.W.S.

Miramar, Cal., May 10, 1906.

Mr. L. T. Atwood,

United Bank Building,

Cincinnati, O.

Dear Mr. Atwood:

Mr. Scripps to-day signed a check for $500.00 on the "Special Account", National Bank of Commerce. The check was dated to-day and was made out in favor of J. Wangenheim, Trustee, Marine Biolog. Ass'n. Mr. Rice, the cashier of the National Bank of Commerce advised that it be made out to Mr. Wangenheim, Trustee. Later, Mr. Wagenheim advised me that all future checks for this purpose should be made out to him as Treasurer.

The attached letter of Mr. Scripps' to Mr. Wangenheim, dated May 9th, explains why it was issued.

Yours truly,

C. O. Nordin.

Nº 6869

NATIONAL BANK OF COMMERCE
OF SAN DIEGO
CAPITAL $150,000.00

JULIUS WANGENHEIM, PRESIDENT
B. W. McKENZIE, VICE-PRESIDENT
C. FRED HENKING, CASHIER
J. C. RICE, ASSISTANT CASHIER

SAN DIEGO, CALIFORNIA, May 10, 1906.

Miss Ellen B. Scripps,

La Jolla, Cal.

Dear Miss Scripps:-

I am in receipt of yours of the 8th., enclosing draft for $1,000 which has been credited to your account; also check for $500 which has been credited to the account of the Biological Association.

Thanking you for both inclosures, I am

Very truly yours,

Julius Wangenheim
President.

13x Biol

Miramar, Cal., May 15th, 1906

Dr. C. A. Kofoid,

La Jolla, Calif.

Dear Doctor:--

All the expenses of visiting scientists are to be paid by the Treasurer of the Biological Institute. I will pay into the treasury such money as is needed. I do not wish to burden my own personal accounts with any items of expense beyond the one payment item to the Institute.

Yours sincerely,

E. W. SCRIPPS.

Nº 6869

NATIONAL
BANK OF COMMERCE
OF SAN DIEGO
CAPITAL $150,000.00

JULIUS WANGENHEIM, PRESIDENT
B. W. MCKENZIE, VICE-PRESIDENT
C. FRED HENKING, CASHIER
J. C. RICE, ASSISTANT CASHIER

SAN DIEGO, CALIFORNIA, June 30, 1906

Miss Ellen B. Scripps,

La Jolla, Cal.

My dear Miss Scripps:-

Dr. Baker and Prof. Koifoid have been around to see me in reference to the finances of the Biological Association.

You are aware doubtless, that an instalment of $500 is due July 1st., and another instalment on September 1st. They suggest that if possible, it would be well to pay both of these instalments now as they will require the money before September 1st. I am writing in this same strain to Mr. E. W. Scripps, as it will require about $2,000 and nothing seems to be forthcoming from Mr. Peters.

Kindly note again, that we will be pleased to advance any money for you in this matter and will consider it a pleasure to do so.

We hope that you are having a pleasant time and wish you to know that if there is anything that we can do at this end of the line for you, we hope that you will call upon us.

Very truly yours,

Julius Wangenheim
Treasurer.

Biological Station.

Financial Statement, July 10,1906.

Assets - Subscriptions -H.H.Peters - balance from last year	$500
" for 1906	1000
E.W.Scripps	1500
Miss Ellen Scripps	1500
Cash on hand May 1,approximately	300
Refund from University for advances to Museum fund	105
	$4905

Liabilities paid or incurred.

Salaries to July 21	$846
Supplies	273.15
Schooner "Loma",wages and supplies	675
Pumping Plant - about	585
Eastern Scientists ~~z~~-about	775
Museum expenses	82.87
Miscellaneous	45.68
	$ 3282.70

Expense for keeping the Station open for 3 additional weeks about $400

E135 Prologue

Miramar, Cal., July 30, 1906.

Mr. L. T. Atwood,

United Bank Building,

Cincinnati, O.

My dear Atwood:

You will note my sister Ellen's letter to you and copy of a letter she has submitted to Prof. Kofoid.

My idea is that only a few thousand dollars; possibly less than $5,000 andprobably not more than $10,000, will be called for within the next twelve months, though it is possible that building operations will begin sooner.

Yours sincerely,

E. W. Scripps.

Miscellaneous

Miramar, Cal., July 30, 1906

Dr. Fred Baker,

San Diego, Cal.

Dear Doctor:--

In looking through his papers after his return from the East the other day, Mr. Scripps came across your letter of June 7th, 1906, together with the blank forms you enclosed for the transfer of the Loma. Upon obtaining his signature, I am enclosing the paper to you.

Mr. Scripps had thought this matter was attended to long ago.

Yours sincerely,

E. W. SCRIPPS

L. B. Sherman.

Secretary

Miramar, Cal., July 30, 1906.

Prof. C. A. Kofoid,

La Jolla, California.

My dear Sir:

I desire you to notify Professor W. E. Ritter and others interested that I have decided to make my promised gift of $50,000.00 to the Biological Institute as of date September 1st, 1906.

I have notified my financial agent, L. T. Atwood, of Cincinnati, Ohio, to transfer on his books to the account of the Marine Biological Institute Fifty Thousand ($50,000.00) Dollars of securities that he holds for me, and thereafter to credit to this account all interest received from these securities. These securities are all six (6%) per cent interest-bearing, or, rather, one-half of one per cent (1/2 of 1%) a month, payable monthly. The interest from this fund will be $250.00 per month so long as it remains intact.

I am prepared now, at such time as the Association will need the money, to pay over to it all or any part of the original fund with accrued interest.

While I intended that a part of this fund should be used for the purpose of erecting a building, I do not require that any more money should be expended on a building than the best interests of the Association require. The fund may be drawn upon for any proper and necessary expenditure for the Association, such as purchase of land, erection of building, purchase of boat, laboratory or equipment, or running expenses of the laboratory.

My brother, E. W. Scripps, has notified me that he will be willing to continue for five years $1500.00 each year, for the running expenses of the laboratory.

The loss of the Loma necessitates the purchase of, or building of, another boat to take its place. I think that this boat should be built especially for the purpose of the Association, and that, if practicable, it should be ordered in time to be completed for next year's summer session.

I am willing to sign the drafts on Mr. Atwood to transfer funds to your treasurer, or to give authority to some officer of the Association to do so.

I desire that no publication of this communication shall be made, and that the information herein contained shall only go to those immediately; and directly interested in the work of the Institute.

Yours sincerely,

E W Scripps

Miramar, Cal., July 30, 1906.

Mr. L. T. Atwood,

United Bank Building,

Cincinnati, O.

Dear Mr. Atwood:

As you are informed, I have agreed at my death, or sooner, to give to the Marine Biological Institute of San Diego some $50,000.

I now propose to make this gift as of date September 1st, 1906.

I instruct you as my Agent to transfer on your books to an account, which you shall open in the name of the Marine Biological Institute, Fifty Thousand Dollars ($50,000.) of such notes and securities, or monies, as you may hold for me, and that hereafter all interests received on account of these securities or monies shall be credited to this account.

From time to time I will make drafts on you on this account as a representative of the Biological Institute, which drafts you shall charge against this account.

In case you may not have at your disposal sufficient securities to make up this amount, please place in this account a certificate (interest bearing) of mine, the interest for which shall be deducted monthly or periodically from my funds and transferred to this account.

Yours sincerely,

E. H. Harriman

E. W. SCRIPPS
April 1st to Dec. 1st, West Chester, Butler Co., Ohio
Dec. 1st to April 1st, Miramar, San Diego Co., California

Miramar, Cal., August 1, 1906.

Miss E. B. Scripps,

La Jolla, Cal.

Dear Madam:

I enclose herewith, for your signature, two letters concerning your gift to the Biological Association - one dated July 30th to Mr. Atwood, and the other also dated July 30th to Prof. C. A. Kofoid. I made four carbon copies of each letter. I have retained one copy of each letter for Mr. Scripps' file, and the balance are enclosed for your use.

Yours respectfully,

C. O. Nordin.

UNIVERSITY OF CALIFORNIA
OFFICE OF THE PRESIDENT

Berkeley, August 15, 1906.

Dear Miss Scripps:-

I am very much gratified to learn of your intention to make your gift of fifty thousand dollars to the Biological Station, as of date, September first of this year. The work of the station during the past summer seems to have been a most eminent success. Surely the men who have been gathered together there in their personailties and achievements represent the highest qualities of scientific work. As things are moving now it surely will not be long before La Jolla will rank with Naples and Woods Hole as centers of biological research.

Very sincerely yours,

Benj. I. Wheeler.

Miss Ellen B. Scripps,
La Jolla,
San Diego County,
California.

San Diego. Cal. Aug 15. 1906

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

Dear Miss Scripps:

I have just received your favor of the 13th with enclosed check for $300.00 I endorsed same to Julius Wangenheim, Treas. and he immediately deposited it. I judge from your letter that this sum is for the credit of Mr. E. W. Scripps, and directed him to make the deposit accordingly. If this is not right will you kindly notify me so that I may rectify the error?

Very respectfully
Fred. Baker.

University of California,

Berkeley August 17th. 1906.

Dr. Fred Baker,

Vice Pres. San Diego Marine Biological Assoc.

San Diego, alifornia;

Dear Dr. Baker:-

Since my return from the Orient a few days ago I have received a letter from Mr.H.W.Keller, President South Coast Land Co. containing propositions to the Marine Biological Association looking to the location of the Station at Del Mar California.

The letter indicates that prompt action on the part of the Association will be expected by the Company represented.

The essential elements in the proposals are as quoted below:-

"Conditional upon your building and maintaining upon the ground donated a station of the size and character as per plans shown the writer upon the occasion of his visit to La Jolla recently, and erection of said buildings to begin within a reasonable time, we agree to donate to the University the land necessary for station, additional acreage for biological farm, and sites for cottages, in all not to exceed forty acres. The three parcels of land above enumerated to be of such size as is mutually to be agreed upon. We further agree to construct a wharf, at a point to be selected, that will be mutually advantageous, and adequate for your purposes. Your staff and employees to have free access to same.

"It is the intention of this company to build a sewer with a septic tank, you to have free use of the same upon making your own connections.

"Electric lights to be furnished free of charge.

"If the foregoing is acceptable I would suggest a contract embodying the same to be entered into by the parties in interest, a deed drawn up and the whole matter placed in escrow."

The first and immediate step to be taken in the premises is to ascertain at the earliest date possible what the San Diego and La Jolla people are going to do for us.

The questions here are:-1.Willlthe City transfer the La Jolla Public Park to the Station by whatever legal process may be necessary to give the Station absolute and permanent control of the same,(excepting possibly the site of the present bath-house)? Furthermore will the City guarantee legal protection of the Station's interests in any pier or piers that may be constructed in connection with the Park, and use of the same by the Station free of charge?

2.Will the City guarantee such a disposition of the sewage that shall assure freedom from contamination of the sea-water along the La Jolla waterfront?

3. Would land back from the shore but in the vicinity of La Jolla be given for a biological farm, should such be desired?

4. Will the City, prior to the transfer of the Park, improve Grand Avenue from the top of the hill along the front of the Park to the bathing-beach?

5. Will the City furnish free of charge water and lights for the maintenance of the Park?

UNIVERSITY OF CALIFORNIA
DEPARTMENT OF ZOOLOGY

BERKELEY, May 18 1906

My dear Miss Scripps:—

I am enclosing the misquoted copy of your letter to me whose return you requested in your letter of recent date.

Professor and Mrs. Ritter are here, both in fine health. Their trip seems to have done them much good. Professor Ritter has taken up Station matters, and we hope to keep them moving right along.

Mrs. Kofoid joins me in kindest regards

Very truly,

Charles A. Kofoid

SAN DIEGO MARINE BIOLOGICAL ASSOCIATION

Berkeley, Aug. 18, 1906.

Dear Miss Scripps,-

Here is a copy of a letter I am sending to Dr. Baker the import of which you will see at once. I have suggested to him that he confer with you upon bringing the matter before the San Diego authorities in order that between you you may revise my letter in case you find it best to do so.

The Del Mar people are in position to push their proposals and claims so we shall be compelled to act promptly.

I have replied to Mr. Keller's letter by asking a number of questions on points in their proposals that are

not entirely clear.

A number of other station matters are pressing, but I can not take them up for a few days yet. I shall soon write you about them, however.

I shall send by this mail a copy of this same letter to your brother E. W.

It rather looks as though I shall have to make a trip to San Diego very long.

Sincerely yours,
Wm. E. Ritter.

Miramar, Cal., Aug. 22, 1906.

Mayor J L Sehon,

San Diego, Cal.

Dear Sir:

It is now practicable for the Marine Biological Institute of San Diego and the State University to begin immediately a permanent building.

Owing to conditions (sewerage) existing in La Jolla and the high price of lands there, I have been advising the persons interested that it may be well to consider some other location for the building.

An offer has been made to the society of another location and substantial inducements.

I am aware of the great obstacles that have had to be overcome in other proposed improvements to the city and of the entire ignorance on the part of the public and the public officials as to, 1st, the advantage to the city in having this institute within its limits and, 2nd, of the absolute need that can only be supplied by the city government in order to make the foundation of such an institution practicable. I refer particularly to the matter of sewerage.

Prof. W. E. Ritter, the chief of the Biological station, has recently returned from Japan, and writes me that he will soon visit San Diego on the business of arranging for a permanent building.

I am altogether too busy with my own affairs to give much of my own personal attention to this subject. I wish to suggest to you, however, that you bring this whole matter to the attention of the council and other city authorities in order that you and

they should meet Prof. Ritter, and finally decide, the city on its part as to whether it can grant the necessary conditions, and Prof. Ritter, representing the University, as to whether the La Jolla site should be finally selected.

For my own part I am very much averse to the institute's appearing in the light of a pubty asking for favors or concessions or any valuable consideration whatever. I prefer that the whole expense, with all the labor and attention, should be borne by private parties.

However, there are others far more deeply interested in the project than I. The University itself is a public institution and must, of necessity, consult the wishes of large bodies of tax paying citizens. (Perhaps the great majority of the parties interested would prefer theLa Jolla site to any other.

A few weeks ago I had as my guests at Miramar, Professors Mark of Harvard, Wilson of Columbia, Jennings of John Hopkins and Kofoid of the University of California. I informed them that it was my sister's and my own desire to have the institute founded where,and in such a way, as it would be of the greatest benefit to scientists without regard to the selfish or patriotic feelings of any one man or woman or body of men or women.

They were unanimous in stating that this location near La Jolla was, if not the first best in the world, at least second only to xxxxxxx a similar institution at Naples, Italy.

For various reasons, especially the near proximity of

False bay, they desired La Jolla.

On the other hand, they were unanimous in the statement that it would be worse than useless to establish a laboratory at La Jollaunless the sewerage questionwas definitely settled for all time to come.

I was informed by these gentlemen that this location of the institute was so desirable - the climatic conditions so agreeable - for personal comfort - and so favorable to mariner investigation that there was no doubt but that when the institute was finally ~~erected~~ existing it would become the Mecca of most American scientists and many foreign visitors.

Please regard this letter as entirely unofficial and as a suggestion made by one who has no authority or control over the affairs of the Institute.

Yours respectfully,

E. W. Scripps.

Miramar, Cal., Aug. 22, 1906.

Mr. H. W. Keller,

668 Pacific Electric Building,

Los Angeles, Calif.

Dear Sir:

Your favor of the 15th inst. at hand. I have been away on an automobile trip for three weeks. I expect the parties interested in the Biological Association to confer with me shortly.

I would suggest that you do not demand a too speedy answer to your proposition.

My idea is that the San Diego authorities will be so dilatory in complying with the conditions that are so necessary for the maintenance of the station at La Jolla that your proposition will meet with greater favor some little time hence than at present. However, for various reasons, I am bound to urge the San Diego authorities to take such action as will secure for La Jolla this station.

It is fair to tell you that I interviewed our visiting professors after my return; Prof. Mark of Harvard, Prof. Wilson of Columbia, and Prof. Jennings of John Hopkins.

They favor the La Jolla site for two reasons. 1. That it was more accessible to the still bay waters of false bay where so many of their specimens thrive, and (2nd) because they believe that the living expenses of visiting professors would be less in a place like La Jolla than in a place such as you intend to make of Del Mar - a rather aristrocatic and high toned resort.

I wish to impress upon you again the extreme desirability of your having the station at Del Mar. The Marine Biological Station of San Diego has already become world famous among scientists. In time the work at the station will attract the attention of the general public and the stations location will become as wellknown and famous as such an institution as the Lick observatory.

Beyond that the station itself will become a Mecca of a great number of famous men of science and of students.

Yours sincerely,

E. W. Scripps.

UNIVERSITY OF CALIFORNIA

DEPARTMENT OF ZOOLOGY

BERKELEY, August 22nd. 1906.

Dear Miss Scripps:

What do you say to the idea of dedicating the new laboratory building shortly after the meeting of the International Zoological Congress, the preliminary announcement of which I enclose herewith? There will be many distinguished scientists at that meeting, foreigners as well as Americans and we could probably get some of them to participate in the dedication.

Could we start off the new laboratory, a new boat, and a new Carnegie library together at this time it would be good.

In case you think it worth while to seriously consider a move in this direction, I will come to La Jolla for a few days as soon as matters here are settled down a little, and we will work the question over together. The annual meeting which Professor Kofoid tells me was deferred, might be held during my visit also.

I am sending copies of this letter to Mrs E.W.Scripps and to Dr Baker.

Very sincerely yours

Wm. E. Ritter.

Miss E.B.Scripps,

La Jolla, California.

Seventh International Zoölogical Congress.

Boston Meeting.

The Sixth International Zoölogical Congress, which met at Berne in 1904, accepted the invitation of the American Society of Zoölogists to hold the Seventh Congress in America in August or September, 1907, under the presidency of Mr. Alexander Agassiz.

The arrangements for the Seventh Congress are in charge of a committee of the American Society of Zoölogists, consisting of Messrs. Alexander Agassiz, chairman; Samuel Henshaw, secretary; W. K. Brooks, H. C. Bumpus, E. G. Conklin, C. B. Davenport, C. H. Eigenmann, L. O. Howard, D. S. Jordan, J. S. Kingsley, F. R. Lillie, E. L. Mark, C. S. Minot, T. H. Morgan, H. F. Osborn, G. H. Parker, R. Rathbun, J. Reighard, W. E. Ritter, W. T. Sedgwick, C. W. Stiles, A. E. Verrill, C. O. Whitman, E. B. Wilson, and R. R. Wright.

The meetings will open in Boston, where the scientific sessions will be held, and from which excursions will be made to Harvard University and to other points of interest. At the close of the Boston meeting the Congress will proceed to Woods Hole, Massachusetts, visiting the Station of the United States Bureau of Fisheries, the Marine Biological Laboratory, and the collecting grounds of the adjacent seacoast. The journey to New York will be by sea through Long Island Sound. In New York the Congress will be entertained by Columbia University, the American Museum of Natural History, and the New York Zoölogical Society, and excursions will made to Yale University, to Princeton University, and to the Carnegie Station for Experimental Evolution. From New York the members will proceed to Philadelphia and Washington. Tours will be planned to Niagara Falls, to the Great Lakes, Chicago, and the West. It is hoped that arrangements can be made for reduced transportation for members of the Congress on transatlantic lines and on the American routes.

The first formal circular announcing the preliminary program of the Congress will be issued in October, 1906.

All inquiries should be addressed to G. H. Parker, Seventh International Zoölogical Congress, Cambridge, Massachusetts, U. S. A.

EXECUTIVE COMMITTEE.

G. H. PARKER, *Chairman.*
SAMUEL HENSHAW, *Secretary.*
L. O. HOWARD.
J. S. KINGSLEY.
E. L. MARK.
H. F. OSBORN.

COPY

San Diego, Cal., Aug. 24, 1906.

Mr. E. W. Scripps,
Miramar, Cal.

Dear Sir:

I desire to acknowledge receipt of your communication dated Aug. 22nd, 1906, respecting the matter of providing a proposed sewer system for La Jolla, in order to facilitate the question of an early construction of a permanent building for the Marine Biological Institute of San Diego.

Regarding the matter of my view of the necessity of a sewer system for La Jolla, I invite your attention to page 23 of my Annual Report to the Common Council for the year ending April 30th, 1906, a copy of which report I will mail you under separate cover.

I have had the pleasure of meeting both Prof. W.E. Ritter and Prof. Kofoid; some months ago I discussed the question with Prof. Ritter and assured him of my hearty support in the matter; I am also under the impression that I later had a like conversation with Prof. Kofoid.

Quite recently I have had interviews with a number of people residing in La Jolla and others having interests thereat.

There is no doubt but what a suitable sewer system should be provided for La Jolla, but in my opinion there are parties who are using the need of advancing the interests of the Marine Biological Institute largely as an argument in seeking to cause sewers to be constructed at the expense of the city in localities where there is no necessity therefor, primarily that their private and unoccupied property may be benefited thereby.

I believe that the proposed expenditure of $50,000 for sewers at La Jolla is considerably in excess of the legitimate needs of the place, and that $25,000 to $30,000 will protect the interests of the Biological Institute as well as provide excellent sewerage facilities for La Jolla.

With this end in view, I caused the city engineer to go to La Jolla a few days ago and make another investigation of the subject, and have directed him to prepare a map of the extent of territory necessary to be covered, and an estimate of the cost of such sewer system. I will further add that I advised the city engineer that the first question for consideration was the protection of the interests of the Biological Institute, and that in addition to projecting proper sewer lines, septic tanks should also be included wherever necessary.

I anticipate that this map and estimate will be submitted to me in the course of a week, after which time I would be pleased to have you view the same at my office, should it be convenient for you to do so, or else send a representative, at a time appointed in advance to insure the presence of the city engineer in the city hall, and I will cause the engineer to explain all details to either yourself or any representative you may name.

I will also be pleased to again meet Prof. Ritter and Prof. Kofoid or any other scientists connected with or interested in the Biological Institute, and would suggest that some one of the number inform me as to when such a conference would be convenient to them.

Very respectfully,

John L. Sehon

Mayor of the City of San Diego,

California.

San Diego. Cal. Aug 25. 1906.

Miss Ellen B. Scripps.

La Jolla. Cal.

Dear Miss Scripps:

I have come into town to meet Mr. Titus on the matter of the La Jolla park. and am finishing up the afternoon writing some letters which I have postponed to get the results of the conference.

Mr. Titus advised that we should have the University authorities ask the Attorney General to mark out the necessary procedure to give the Biological Association, or the State University control in perpetuity of the La Jolla Park. Mr. Titus has looked up the title and finds it clearly in the city. and he believes that it can be legally turned over for any educational purpose. but as the Attorney General will ultimately have to pass on any title acquired or to be acquired by the State University. he thinks it will cause less delay to have the whole matter planned from Sacramento. I have therefor

asked Dr. Ritter to move through L Pres. Wheeler.

Dr. Ritter wrote me on Aug 17. a letter of which he sent you a copy. regarding our approaching the City Council about park and other matters. and suggesting that I confer with you & have not troubled you. as I wished to hear from Mr. Titus first. Even now it may be best to hear from the Attorney General before taking definite steps. However I wish to say that I will hold myself subject to your orders to meet you at any time and place you may set.

I am taking my vacation now. and go to my office Mondays, Wednesdays, and Fridays. and shall do this all of next week. On Tuesday, Thursday and Saturday of next week, I will be at liberty and could meet you anywhere in town, or I could go to La Jolla if you think it necessary to see me.

With date of Aug. 22. Dr. K. writes that he can come down here any Friday night and stay till the succeeding Sunday night or Monday morning, and suggests our annual meeting at that time. This would be an excellent plan it seems to me. and I would suggest that he come at such time as you and your brother can give him and our annual meeting the requisite time. He wants a week's warning. so it would seem impossible

to arrange for his trip before the week beginning September 2d and it might be better to defer it longer till some things under consideration take definite shape, but this is for you to determine.

Two things it seems to me need your determination before the annual meeting. Mr. Kelsey has been overworking and feels unable to continue as secretary and director. He can be re-elected if it is thought best. and his successor chosen by the Directors. or his successor can be elected at the meeting. I suggested Mr. E. E. White, but do not know if he will take it. Of course I do not care to sound him until I have your approval and consent. nor has he sent any money.

Then we should be instructed as to continuing Mr. Peters on the Directorate. He has not as yet answered any of my letters since the answer I sent to you.

I have just learned that a 37½ horse power Globe gasoline engine is for sale at San Pedro. We talked of a 30 horse power for the new boat, but I have been strongly advised that we should not have less than 40 horse power. but this engine at 37½ h.p will develope over 40 h.p. and would probably do our work. The engine is a left handed one, but this seems to be no detriment. It is one of two bought for a twin screw boat to have been used on the Colorado River,

For some reason the project has fallen through, and the engines, which are new were put up for sale and one has been sold. The price of the other is $1400.00 and it has been suggested that a cash offer of $1250.00 might buy it.

The Union Gas Engine Co's agent quoted me a Union 30 horse power at $1700.00 so if the engine is satisfactory, it might be best to secure it. Two good engineers who have seen it assure me that the engine is a fine one, and would be very cheap at the price. On this assurance. I am instructing my boy Robert to visit San Pedro. Monday morning to inspect the engine and repot. He will be on his way to Stanford University with half a day to spare in Los Angeles - so will be at no expense except carfare to San Pedro and return. I have also asked Dr. Kofoid to consult Hopps & Ransome of S. F. who designed our hoisting engine as to their knowledge of the quality of the Globe engines. Should all reports be favorable, I would advise securing this engine at once. and may ask for your authorization to do so. This is our the understanding, which I got from Dr. Kofoid, that a boat is to be built in the near future for the Association.

Very respectfully

Fred. Baker.

E135.

Miscellaneous

Miramar, Cal., Aug. 29th, 1906.

Hon. John L. Sehon, Mayor,

San Diego, Cal.

Dear Sir:--

Yours of the 24th inst. with enclosure at hand.

I know nothing about the LaJolla sewerage subject as a relative municipal economical policy.

The professional gentlemen interested in the Institute have simply informed me that it would be useless to erect a laboratory at LaJolla if the present sewerage system was to continue.

If such conditions exist as to make it impossible, not only to ~~arrange~~ cure the present condition, but make it impossible to guarantee the ~~arrangement~~ cure within a brief time, I believe Prof. Ritter ought to be so informed definitely and immediately.

As you know, he has been offerred a site at Del Mar, and this he must either accept or reject at an early date.

Yours sincerely,

E. W. Scripps.

Biological

(COPY)

San Diego, Calif., Sept. 1st, 1906.

. E. W. Scripps,

Miramar, Cal.

r Sir:

I am just in receipt of your communication dated Aug. 29th,

6.

The city engineer is now working on, and will complete, in a days, the map and estimate of cost of a sewer system with septic ks for La Jolla, which I think will fully protect the Marine Biologi- Institute.

I trust that it will be possible to obtain this improvement La Jolla, but no one can guarantee it, as it must first be submitted a vote of the people.

Can you not have some representative of the Biological Insti- e come in to see me about Thursday ?

Sincerely yours,

(Signed) John L. Sehon.

Mayor of the City of San Diego, Cal.

Miramar, Cal., Sept. 4, 1906.

Hon. John L. Sehon,

Mayor of the City of San Diego,

California.

Dear Sir:

Yours of the 1st inst. at hand.

I will communicate the contents to Prof. Ritter and Dr. Baker.

Thanking you for the attention you gave on the subject, I am,

Yours sincerely,

E. W. Scripps.

UNIVERSITY OF CALIFORNIA

DEPARTMENT OF ZOOLOGY

BERKELEY, September 10th. 1906.

Dear Dr. Baker:-

I am sending the Laboratory plans today. Before they are published I think Miss Scripps should be consulted about it; also it should be stated that they are tentative plans, and please take off all dimensions and state none in the description of the building, as these would doubtless have to be modified.

I am trying now to fit my trip to San Diego to Judge Mc Kinley's Movements. It is important that we should be there together, and he expects to go when I do. However he is in this part of the State at present and writes that he will not return to Los Angeles before the 17th. We have been unable to locate him since the Convention, so cannot make a definite date. At any rate his absence from home until the 17th. puts this week out of the question so far as my plans are concerned; but if I am needed this week or at any other time, telegraph and I will come. Otherwise I will let you know immediately as soon as I can arrange with Mc Kinley.

Very truly yours,

Wm. E. Ritter

San Diego. Cal. Sept: 27. 1906

Miss E. B. Scripps.

La Jolla. Cal.

Dear Miss Scripps:

I was awake quite a long time last night thinking over our trip to Del Mar, and the affairs of the station. Certain things seem important to me in view of the pressure being brought to bear in favor of a location at Del Mar which I am going to place before you.

Of course I should prefer to see the station at Point Loma. but I gave up all thought of that when I became convinced that La Jolla was the proper place. Personally again I prefer La Jolla to Del Mar. so in what I am about to say. I cannot be sure that I have absolutely eliminated the personal equation. but I am trying to do so, and be absolutely fair.

The offers of the Del Mar people are so very generous that it seems too bad not to take advantage of them. I hope to be able to use them effectively as a consideration when we finally get an answer from Capt. Hinds as to his helping us in buying

a new boat. However the difference biologically in favor of La Jolla seems to me so great that in consideration of all the years to come. I hope the station may yet be built there.

The point that seems of most importance to me is the very good beach collecting to be had right at La Jolla. If we could count on a set of men constantly at work with boats we might offset this. but owing to rough weather there must be many days when no work can be done, and if rough weather continues as it does sometimes, we might be without material for considerable spells.

More important than this is the attractiveness of seeing the material right at our doors. At Del Mar, beyond some small growth on the piles of the wharf, the workers will rarely see marine life in the ocean. At La Jolla they see it or can see it every day. Of course we hope to see a force of collectors at work constantly, but if there is any break in the work, the workers would be greatly hampered. I think I am right in saying that Prof Child could have done very little of the work he accomplished at La Jolla, had he been at Del Mar. Prof. Ritter has always laid much stress on the creating of a good impression among our visiting naturalists. I can scarcely see how such a good impression could

be created at Del Mar except perhaps among those who would spend rather a long time with us and would thus be able to visit our various collecting grounds. It seems to me that the impression would be that here was a station located almost on a barren waste biologically, and those who are wise in California boom methods might begin to inquire if this was not built to further a great boom enterprise. I really fear we should be frequently rising to explain for a good many years and possibly doing a lot of regretting.

You will be interested to learn that the material I collected from the piles of the railroad bridge in the San Dieguito slough was made up entirely of two varieties of oysters. I looked carefully along the shores and found only one other species of shell, the common scallop and none of the things to be found in numbers everywhere in False bay or San Diego bay. There are some fishes there but I am sure the variety of animal life is very limited.

Dr. Ritter told me of a chance that a Prof. Richards might give us some land at La Jolla. If this should prove true and if we could get money for a boat, instead drawing on the fund you have furnished, I think the chances would

be that all parties in interest would be glad to drop the Del Mar project. It is a good thing as a lever to force the sewer matter at La Jolla. and I was glad to see it materialize but the generosity of the offer really frightens me for fear we may be obliged to accept them. Every naturalist who has visited La Jolla has admitted the ideal character of the situation. I don't believe this opinion will ever be unanimous should we go to Del Mar.

All of this may be influenced by personal prejudice and it is partly reaction from the hypnotic influence of our delightful visit to Del Mar yesterday. but in any case it seems worth while to send it to you as my present impression. trust my that so long a letter may not bore you beyond endurance.

Very respectfully
Fred. Baker

UNIVERSITY OF CALIFORNIA
DEPARTMENT OF ZOOLOGY

BERKELEY, Oct.6,1906 190

Miss Ellen B.Scripps,
La Jolla, California.

My dear Miss Scripps:-

As you undoubtedly know, Mrs. Ritter has written to me how nicely Mr. Ludlington and his friends have come around in the bond matter. It certainly seems that the way is now clearing up satisfactorily to the interests of the station. I have today written a letter to Mayor Sahon urging him to use his best efforts toward hastening the election, and with unanimity among all interests primarily concerned at the outset it seems as though the election will be pretty sure to carry.

We are, as I now understand, practically agreed among ourselves, that a La Jolla site must be had. It will of course not be wise to make this decision public for some weeks to come and not until formal action has been taken by the Board of Directors. I am looking forward with impatience almost, to the formal proposition that the Board of park commissioners are going to lay before the President of the University, and I cannot feel quite comfortable as to what the character of this will be. It ought to be forthcoming before many days,I should think.

ZBut my chief purpose in writing to you today is in reference to the Kölliker library. I have written to the son, Dr. A.Kolliker, requesting him to give us the refusal of the library for three months from this date, and also

asking him to let me know the very lowest price, cash payment, at which the collection might be bought. I particularly wish you would go over the subject with your brother some time when he has a breathing spell from his own business. I should have discussed it more with him myself while at Miramar but for the fact that there were so many station affairs on hand that it did not seem right to burden him any farther at that time. For the purpose of assisting you in setting the case before him I may formulate in writing the main points as I stated them to you in conversation.

In the first place, this is an important collection of books and for the most part is what we should have to have sooner or later anyway, if we are going to make the station a headquarters for scientific research and a rendezous for scientific men. In the second place, the purchase of such a library at this stage of our development would be known at once by scientific men, directors of laboratories, librarians, etc., throughout the scientific world and would be the surest quarantee that could probably be made of the genuineness of our undertaking; and in the third place, it would, I believe, be a strong lever that we could use in our efforts to move Mr. Carnegie to help us, in building up a library. Now over against these weighty considerations in favor of the purchase there stand the rather weighty reasons for going slow. 6000 or 7000 dollars in one lump taken from our capital is a serious matter, and this particularly when it is considered that such a purchase would be but a beginning. That is, it would make no provision for a library of current

scientific literature, for the long and expensive lists of scientific journals, and it would seem to commit us to library building on a large scale. In an important sense the matter needs to be considered not merely from the point of view of the sum of money immediately involved and the value of the library itself, but from that of the policy and scope on which we are going to develop. I do not consequently feel like taking the responsibility alone that the Board of Managers has placed in my hands.

A further point I ought to mention, to which I called your attention before, is this; there are a considerable number of works in this library that would not probably be of much use to the station. These could be disposed of, I have no doubt, either by sale or by exchange for works that would be more to our purpose.

Very sincerely yours

Wm E. Ritter.

Biological

Miramar, Cal. Oct., 22, 1906.

Prof. W. E. Ritter,
University of Cal.
Berkley, Cal.

My Dear Ritter:-

My sister read to me a letter from you concerning a certain library the purchase of which you were considering.

It appears that both of you want my advice on the subject. I do not know enough about educational matters to know whether an educational institution should or should not be governed by the same rules which would govern a purely business institution.

If I am going to give advice, I can only do so by presuming that the same rules should govern an educational institution that would govern a purely business institution.

I advise against the purchase of the library, and my advice would be the same whether the cost of the same were large or small.

I so advise for various reasons.

1. The cost of any library which would be of any practical use would be disporportionately large considering the size of your endow - ment and the many necessities of the institution.

2. I think it is best to put our money into men rather than equip ment. The more money we put into equipment such as buildings, books and instruments the less we will have to put into men who will make use of the equipment. A successful business undertaking requires something more than the investment of capital profitably. It requires that every penny ~~xnt~~ of money be put where it will do the most good. We can borrow books at a slight cost from the university. We cannot borrow ~~xxxxx~~ men so easily.

3. " As the twig is bent the tree is sure to grow". The whole future developement of the institution will depend upon the direction you give it at its start. The erection of a costly building, the starting out with a ready made library and a large plant of instruments will have the effect of setting a key and of establishing a scale such as may and probably will require for the future developement of the institution a much larger sum of money than its financial backers at present feel willing to ~~maintain~~ insure. I would advise that the institution should start out in such a modest way as to make its future financing easy, thus securing its permanence. For the present we have only two surces of income, interest on money my sister ~~is giving~~ has given and my own subscription. The experience of the past two or three years has shown that even this modest income has been sufficient to produce satisfactory results. As I cannot calculate on my future with any degree of certainty I cannot tell now whether I will be able to increase my contribution. We have no other absolutely certain prospects. The smaller the absolutely necessary annual cost of maintaining the institution shall be, the more probable it will be that if I outlive my sister I will be able to take up and carry on alone the work. The more economically you conduct the institution the more easy it will be for you to get other and larger sums from myself, my sister and other people.

4. Iadvise that the institution should not try to do too much at one time. I think you have your hands full at present. The first and most necessary work is to keep the station going, and it will not require very economical management to live on your income.

Next you have gotthe necesaity of securing from the City of San Diego favorable legislation on two subjects, ~~the~~ the water ~~year~~ project and

the park site. A new boat is absolutely necessary. It seems to me that these thi gs are enough to think about at present.

Now as to the library itself. Doubtless the proposed library being up-to-date has many valuable works. I take it that a scientific library is something like a modern navy. Its individual units grow obsolete with great rapidity. It seems to me that before you have a house built in which to ~~store~~ a library and the necessary men to devote to the librarian work which alone can make any library valuable, a tremendous proportion of the proposed library will be more fitted to fill the shelves of a museum than to serve as tools for workmen.

There are better fish in the sea than were ever caught out of it. There will come more libraries come into the market and better libraries in the future than the two at present offered you.

I want to call your attention to another idea.

The institution you are founding is similar to other institutions in existance but its 'idea' is a new one. You propose to found a ~~biology~~ school of biology, rather than a station for research and investigation. You do not know where that idea will lead nor what it will develope. You do not even know the exact line of your march or even approximately this line. The moreyou encumber your institution with the conventional and traditional equipment the more liable you are to have your course and direction forced into a rut. The less old-fashioned paraphernalia you have around you the more apt you are to depart from old-fashioned methods and find new and better ones. You should desire to create something new ~~and add to them~~ rather than to imitate ~~them~~. something that casts

Old books and old ideas must be studied and acquired by young students who want to pass from ignorance of all things up to the present limit of knowledge.

Men like yourself and those whom you hope to be your collaborators, men who have not only come abreast of the times but are attempting to project themselves into the future it seems to me ~~that you and they~~ will have small occasion for reference to old libraries and will be by nature inclined to confine all of your energies to exploration of unknown fields. In fact the library that you ~~will~~ should covet ~~will~~ should be the one that is yet unwritten and uncataloged.

If I were as much of a scientist as I am a newspaper man I could make myself more intelligable. As I am what I am, I must content myself with the feeling that my jargon is at least an honest effort to comply with my sister's andyour wishes in giving advice.

Yours sincerely,

E. W. Scripps.

San Diego. Cal. Nov. 14. 1906.

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

Dear Miss Scripps:

I have been intending for some time reporting what we have been doing about matters biological. but I have been very busy, and for the past few days seriously indisposed as the result of a very severe sick headache.

In the matter of a new boat and engine I have done a good deal of work with some very satisfactory results as it seems to me. I early interested Mr. Nate Nichols in our plans and am receiving his very hearty support and aid in the matter. He built the Loma. and is thoroughly competent as a boat designer and builder, with the advantage that having retired from the business absolutely, no question of personal interest enters into his advice.

At the outset he advised getting away from the ordinary yacht style of boat. and building on the scow plan. After considerable discussion with men better posted

than myself. I have acted on his advice in securing plans.

The advantage of the scow plan is that with little or no greater water displacement and resistance, it gives much greater deck room, and greater stability. with almost- no increase of cost; As one builder put- it- "You sure get- more boat- for your money."

Mr. Joseph Fellows of San Pedro submitted a set- of drawings after I had suggested the scow type, which Mr. Nichols condemned as an undesirable compromise between the dug boat and the scow. Having finally decided roughly on what- we should need, by Mr. Nichols's advice and with the approval of Mr. Wangenheim and Mr. Kelsey. I decided that we had reached a point- where we must- spend some money for plans, and so I authorized Lawrence Jensen to make us a model and draw up specifications. The model is complete and has Mr. Nichols's hearty approval. The specifications are partially completed but- Mr. Jensen is obliged to leave town for ten days. so there will be an unavoidable delay. On his return I shall push the matter as rapidly as possible. and hope to be in shape to submit- the whole matter to the directorate early in December. and to take bids at- once. I paid Capt- Jensen $25-00 for the model and am

to pay nothing for the specifications, though there will be some expenses for drawings and blue printing which Capt. J. is not prepared to do. As Mr. Fellows wanted seventy five dollars for a set of plans and specifications without a model. I did not feel that I had been extravagant though I really know very little of this particular business.

Several boat men have inspected and approved of the model. I have it in my Office. and if you could spare time to come in some time when you are in town, I believe you would be interested. I want very much to have Mr. Jim Scripps see it. but have failed to get in communication with him. I want his ideas on the scow plan.

Perhaps the expression scow plan may deceive you somewhat. The plan carries the broad - nearly flat bottom, but instead of the square bow and stern of the scow. it has a beautiful long overhanging bow and stern, making a very sightly boat indeed. Capt. Jensen has rather exceeded my instructions as to size. I gave him 65 ft. by 20 ft beam. His model stretched out to 68 ft; and I am trying my hard to make sure if we need quite so large a boat. It will not be difficult to cut down if it is thought best. Mr. Richards assures me that we can handle her on the short trips.

with a crew of three as we did the Loma. yet she will be large enough and safe enough to make almost any cruise on. She could certainly go to the Gulf of California with safety, and she would have room enough to take a party of ten or twelve including the crew for a two or three months' cruise and carry necessary provisions.

Carrying sufficient supply of gasoline and distillate will be a more serious problem. but if a long cruise should be undertaken, everything possible would have to be done under sail. We plan a yawl rig, which will enable us to sail with the dredging boom in place, which was impossible with the schooner rig of the Loma. This ability to utilize the sails more, with the fact that we shall use distillate which costs less than half the price of gasolene, will lead to economy so that although the engine must be four or five times as large as that on the Loma, the expense for motor power should be less than double that of the old boat.

As to an engine for the new boat, I wrote and spoke to you of a left hand Globe engine for sale cheap in San Pedro. I have corresponded with the owners and with the makers in Philadelphia to get certain necessary informa-

tion, but was undecided what to recommend. Three weeks ago Dr. Charlotte and I went to Los Angeles to attend a Cornell banquet and took time to run down to San Pedro to talk with Mr. Fellows and see the engine. Of which My boy gave a very favorable report. By good luck I was able to make the run from San Pedro to Long Beach on the launch "Music", a 57 ft. boat in which they are using the right Land mate to the Globe engine I had been inspecting. I learned much of the good and bad points of the engine, as I spent all the time in the engine room - and also learned that the owner is going to take the engine out and put in a much larger Standard. to get greater speed for passenger service. If this is so this engine will be for sale for a much lower price than its mate which is offered for $1400.00 and as the little use it has had would not hurt it at all. it promises to be the best bargain in sight. There are some serious drawbacks which will have to be passed on by a more competent authority than I am. but the possible bargain seemed worth holding in hand. so I am corresponding with the owner who promises me an answer in a week.

Right here another mipatant matter comes up. All of our water front is watching with much interest the engines which the Howard Iron Works has in San Diego is putting out. They began with a two horse power and a five and ten which have turned out remarkably well. They have just completed a 25 H.P. which worked beautifully and has just been shipped to Long Beach. They have just contracted for a 65 H.P. and have plans drawn for a 40 H.P. which is about what we need. I have secured the following offer from the Co. They to furnish the 40 H.P. engine at their regular price $1850.00 but as ours is a public institution, while they will not cut the price, they will make a donation of $200.00 bringing the cost to $1650.00. They will submit to a brake test in the shop to show the horse power to equal or exceed forty, and will furnish all machine work, but will expect our builder to install the engine. They will give us one months use of the engine, and if it proves unsatisfactory, will remove it at their own expense. No payment to be made until after the months trial. They certainly have confidence in their ability to build a first class engine, and I have assurances from Mr. Sterne, of Sterne Bros. and

to overhaul them, and draw the final ordinance. I can do very little more, but I believe the Council is working diligently.

As to title to the park lands. the City Attorney thinks that nothing should be done in San Diego until the Legislature passes an enabling act. Mr. Titus differs, and in deference to his opinion, Judge Andrews will draw up ~~an~~ an ordinance in a few days which we will first submit to the Attorney General for his approval. As soon as it comes back from Sacramento, we shall try to have it passed by the City Council, Then we shall have an enabling act ~~passed~~ drawn and introduced in the Legislature at the earliest possible date. Unfortunately this will run us well into January and we seem powerless to gain any time.

The floor plans for the new building have been sent to Mr. Wangenheim and I think it probable that a copy may have reached you. I am to meet Mr. W. this P. M. to look them over. If you have not received a copy please let me know and I will see that they reach you at once. Mr. Wangenheim told me this morning that Mr. Gill has them for the purpose of study, looking

to drawing complete plans and specifications, but with a specific understanding that we are under no obligation to employ him for the final work. I believe Mr. Gill is the most artistic architect we have. but I do not think him the most practical, On this account it may be best to take competitive plans though I should prefer to have Mr. Gill do the work if he can be depended on to do it to our satisfaction, especially as he has already helped us a good deal without any charge.

I think this covers all matters in which you are interested except minor details.

Very respectfully
Fred. Baker.

SECRETARY'S FINANCIAL REPORT,

Marine Biological Association of San Diego,

Nov. 27, 1906.

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Received from all sources since organization of Committee to date----------	$	18,388 .54
Paid for transportation, principally freight on books & apparatuses----------		381.25
Laboratory expenses, Chemicals, temporary fittings etc.----------		770.45
Professional services, salaries or expenses of visiting scientists----------		5668.59
Tackle a/c, Nets, dredges, trawls, Sounding apparatus etc.----------		663.80
Boat expenses, repairs, temporary fittings, Gas, Oil etc.----------		538.77
Labor, unskilled, such as Janitor's, Helpers etc.----		343.00
Boat labor, skilled mechanics, sailors etc.-------		1420.75
General expenses, Stationery, Advertising, Postage, Printing etc.----------		497.76
Apparatus, Microscopes, Jars for Laboratory-----		204.55
BUILDING ACCOUNT,----------		1322.00
PUMPING PLANT,----------		540.69
Boat Acct., Estimated cost of "LOMA", Engines, refittings etc.----------		5505.79
		17,857.40
CASH ON HAND----------	$	531.14

This agrees with balance as shown by Treasurer's bank statement.

All vouchers and checks, without exception, are now on file with the the Secretary, making the evidence complete from the date of the Organization of the Chamber of Commerce Committee.

F. W. Kelsey.
Secretary.

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