

Fiscal Year Jul 1-Jul 1	Cottages 1-12	Cottages 13-15	Cottage 16	Cottages 21-28	Cottages 29-31	Club House	Total Rental
1913-1914							
Capital Invested	<u>12435.95</u>	<u>4000.00</u>	<u>4000.00</u>				
Gross Income	964.94	183.32	183.32				1158.26
Net gain or loss- gain	87.88		49.32				gain 149.26
% " " " "	.7		1.2				" .9
1914-15							
Gross Income	963.80		366.63				1330.43
Net gain or loss- gain	87.80		232.63				" 320.43
% " " " "	.7		5.8				" 1.9
1915-16							
Capital Invested		<u>2332.77</u>					
Gross Income	1413.10	129.00	399.96				1962.06
Net gain or loss- gain	537.00	loss 90.00	" 265.96				" 733.06
% " " " "	4.3	" 4.	" 6.6				" 3.9
1916-17							
Capital Invested				<u>12519.54</u>	<u>4500.00</u>	<u>3883.99</u>	
Gross Income	1011.42	285.00	418.66	1362.11	000	000	3057.19
Net gain or loss- "	135.00	gain 66.00	" 284.66	loss 105.89	1.219.00	1.171.00	loss 285.31
% " " " "	1.1	" 2.8	" 7.1	" .79	" 4.8	" 4.8	" .7
1917-18							
Gross Income	1266.13	244.00	420.00	1433.97	56.75	000	3420.85
Net gain or loss	" 390.01	" 25.00	" 286.00	" 34.03	" 418.75	" 171.00	gain 77.35
% " " " "	3.1	" 1.	" 7.	" .28	" 9.3	" 4.8	" .2
1918-19							
Gross Income	979.15	215.00	420.00	1125.00	000	000	2769.15
Net gain or loss	" 103.15	1. 4.00	" 286.00	" 343.00	" 475.50	" 171.00	loss 574.35
% " " " "	.8	" .2	" 7.	" 2.8	" .10	" 4.8	" 1.4
1919-20							
Gross Income	<u>1320.57</u>	261.00	420.00	1655.25	64.50	000	3721.22
Net gain or loss	" 444.57	" 42.00	" 286.00	gain 187.25	loss 410.40	1.171.00	gain 377.72
% " " " "	3.5	" 1.5	" 7.	" 1.5	" 9.	" 4.8	" .9

1919-20

Gross Income	1991.80	387.00	420.00	1994.83	944.25	000	5736.88
Net gain or loss	gain 1115.80	gain 168.00	gain 286.00	gain 526.83	gain 469.25	1. 171.00	2393.38
%	" 7.2	" 7.	" 7.	" 4.	" 10.4	" 4.8	gain 6.

1920-21

Gross Income)							
9 mo. period)	1360.95	175.50	331.00	15.81	382.50	90.00	3940.45

Prorated

12 mo.							
Gross Income	1841.24	233.32	441.32	2108.00	510.00	120.00	5253.92
Net gain or loss	" 965.24	" 14.32	" 307.00	" 640.00	" 35.00	1. 51.00	" 1910.42
%	" 7.9	" .6	" 7.	" 5.1	" 8.	" 1.3	" 4.8

Bank of Commerce and Trust Company

SAN DIEGO, CAL.

JAN 8-1919

Your letter of 1/7 received: 1919

WE CREDIT:

acc

2500 =

*E. B. Scripps Marine
Biological Station Fund*

WE DEBIT:

WE ENTER FOR COLLECTION:

Outside items credited subject to payment.

UNIVERSITY OF CALIFORNIA
OFFICE OF THE COMPTROLLER

Berkeley, March 8, 1913.

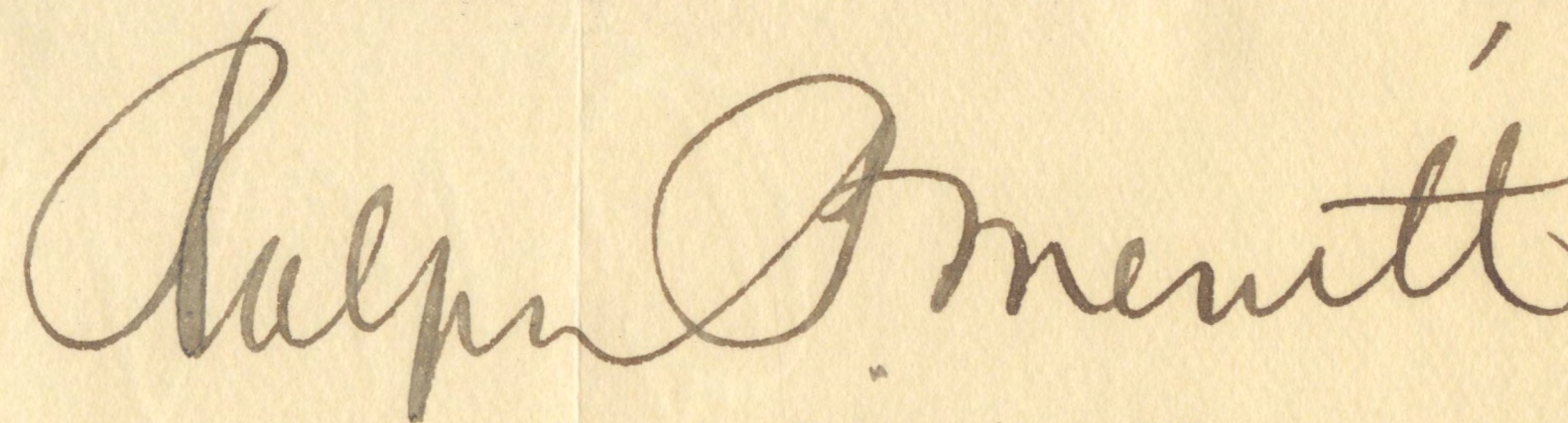
Miss E. B. Scripps,
La Jolla, Calif.

My dear Miss Scripps:

Let me acknowledge your kind letter of
March 6th notifying us that the Bank will transfer
to the Regent's account the amount necessary for the
construction of the cottages.

With many thanks, I am

Very sincerely yours,

A handwritten signature in cursive script, reading "Ralph S. Merritt". The signature is written in dark ink and is positioned above the typed name of the Comptroller.

Comptroller

Berkeley, March 10, 1913.

Mr. J. C. Harper,
506-510 Scripps Building,
San Diego, Calif.

My dear Mr. Harper:

I am in receipt this morning of a communication from our Treasurer, I. W. Hellman, Jr., of the Union Trust Company of San Francisco. The letter announces the receipt of \$12,000 which has been placed to the credit of the Regents of the University. This will be used for the purpose of constructing twelve cottages at the Scripps Institution for Biological Research.

Very truly yours,


Comptroller.

CC

Capt. Crandall
Prof. W. E. Ritter
Miss Ellen B. Scripps

Bank of Commerce and Trust Company

SAN DIEGO, CAL.

MAR 6-1913

191

Your letter of _____ received:

WE CREDIT:

ac

<u>E. B. Scripps</u>	5000	=
----------------------	------	---

<u>E. B. Scripps Marine</u>	2500	=
<u>Biog. Station Fund</u>		

WE DEBIT:

WE ENTER FOR COLLECTION:

Outside items credited subject to payment.

March 8, 1913.

Ralph
Mr. P. Merritt,
Comptroller, U. of C.,
Berkeley, California.

Dear Mr. Merritt:

Miss Ellen B. Scripps handed me your letter to her of February 27th. Captain Crandall had suggested that the amount be increased to \$12,000.00 and she approved of the suggestion. Accordingly she signed a check for \$12,000.00 and I endorsed it "for deposit in the Union Trust Company in San Francisco to the credit of the Regents of the University of California". This was done last Thursday and the bank told me that they would at once arrange with the Union Trust Company for the deposit. You have probably been already notified thereof.

Yours truly,

J C Harper

cc

Capt. Crandall

Prof. W. E. Ritter

Miss Ellen B. Scripps. ✓

THE SCRIPPS INSTITUTION FOR BIOLOGICAL RESEARCH
OF THE
UNIVERSITY OF CALIFORNIA

LOCATED AT LA JOLLA
NEAR
SAN DIEGO, CALIFORNIA

LA JOLLA, CALIFORNIA.

March 12/1913.

My dear Miss Scripps:-

I was in Sacramento over Sunday and Monday with Dr. Baker, looking after our interests and must explain to you the situation.

I think probably Mr. Crandall told you of the visit to La Jolla of Mr. J. F. Neylan, Chairman of the State Board of Control, and of his very positively expressed opinion that we made a mistake in changing our request for an appropriation from maintenance to special construction. It was to get farther light on this that took Dr. Baker and myself to Sacramento. We first saw Senator Wright and Assemblyman Hinckle, and they agreed that while it seemed somewhat doubtful about the wisdom of now changing back to our original plan, the opinion of Mr. Neylan and Controller Nye as to the most likely mode of procedure, should be given great weight. We consequently visited Mr. Neylan and Mr. Nye, and both of them, particularly Mr. Neylan, point out with much clearness and detail wherein our chances will be much better for an appropriation in the general appropriation bill.

Mr. Neylan's obvious deep interest in our enterprise, and undoubted desire that we should get the appropriation gave both Dr. Baker and me the strong feeling that we probably ought to follow his advice. One of his main arguments is that by getting into the general appropriation bill, the State will have accorded recognition of the Institution as one of its regular children, so to speak. He is strongly convinced that this is as it ought to be. On the other hand he points out that a special appropriation has no effect of this sort. It commits the State to nothing more than this particular grant. Such a grant does not make the Institution a child of the State any more than a grant to the San Diego Fair makes that a State institution in perpetuity.

Another argument advanced by Mr. Neylan is that with our measure as it now stands there are three separate bills, one for each proposed item of expenditure, each of which has to run the gauntlet of four or six committees in the two houses. This of course diminishes the chance of their all getting through proportionally. On the other hand, a maintenance appropriation would not require any special bill at all, the acceptance of it into the general appropriation bill being dependent upon the action of a single committee, namely that of Ways and Means Committee of the Assembly. Mr. Neylan's interest in our behalf is of that character to make him volunteer to see Mr. Chandler, Chairman of the Ways and Means Committee, to the end of getting him committed to our item. Mr. Chandler was one of the legislators who visited the Institution the Sunday before we left.

The final decision as to whether we make the change or not was to be reached by a conference between Dr. Baker, Mr. Hinckle and Senator Wright in the light of the outcome of Mr. Neylan's interview with Chairman Chandler. I hope to hear from Dr. Baker today or tomorrow on the subject. He of course, will stay on the ground as long as there is need for doing so. I had to come home to my University appointments.

You will recognize how you are involved in this; should we get a maintenance appropriation but no appropriation for construction, it would mean that either you would have to make your gifts available for construc-

THE SCRIPPS INSTITUTION FOR BIOLOGICAL RESEARCH
OF THE
UNIVERSITY OF CALIFORNIA

LOCATED AT LA JOLLA
NEAR
SAN DIEGO, CALIFORNIA

LA JOLLA, CALIFORNIA.

tion or we should have to forego the waterfront improvements for the present altogether. On the strength of the original proposed distribution of your gift, and my general knowledge of your disposition to do whatever is best, I have assured the men at Sacramento that I had no doubt you would be willing to accommodate your gifts to whatever arrangement seems dictated by the necessities of obtaining the State appropriation, so long as there is no change in the total amount to be given. Undoubtedly such considerations have a good influence on the legislators. If you do feel this way and are willing to write me to this effect, I have no doubt your letter ~~would~~ be useful, in fact might be a turning point in case of a hearing on the matter before the Ways and Means Committee.

I may say that both Dr. Baker and myself felt when I left Sacramento more confidence in the success of our measure than at any previous time, though of course we recognize that there is a good bit of up-hill work yet.

Crandall is keeping me well informed as to what is going on at La Jolla. I am quite in the swing of my work here now, and my hands and mind are pretty full. Mrs. Ritter too seems to be occupied up to the limit, and from all I gather in the way of droppings from her table of good things, I should think the La Jolla Woman's Club might count on getting any amount out of her next year. (It strikes the typewriter as somewhat amusing to be a mere automaton and be thus talked about through her own fingers).

Yours as always,

Wm. E. Ritter.

C O P Y.

Miramar, California.

March 13, 1912.

Prof. Wm. E. Ritter,
Berkeley, Calif.

My dear Professor:-

Miss Ellen B. Scripps has authorized me to state that she will provide \$9,000.00 for your salary and the work of the Biological Station for the year beginning July 1st, 1912; the same to be paid in monthly installments and to be conditioned on no debts being incurred and expenses rigidly kept within income.

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

Yours truly,

(sgd) J.C. Harper

Approved:

(signed) Ellen B. Scripps

cc
EBS
EWS
JCS
CFM

March 13, 1913.

Mr. Ralph P. Merritt,
Comptroller, U. of C.,
Berkeley, Calif.

Dear Mr. Merritt:

Either Prof. Ritter or Capt. Crandall called my attention to the suspension of Mr. Scripps' contribution to the Scripps Institution for Biological Research. Mr. Scripps was not aware that payments had been suspended. He told me he understood that an overpayment had been made by mistake and that he did not know what the state of the account was and desired me to investigate. I enclose herewith a copy of my report to Mr. Scripps, which will give you the facts. You will shortly receive a check for \$500.00, covering Mr. Scripps' contribution for the months of December, 1912 and January, February and March, 1913, and thereafter you will receive a check each month for \$125.00.

Yours sincerely,

J. C. Harper

cc

EWS

EBS

Capt. Crandall

Prof. Ritter

March 13, 1913.

RE: SCRIPPS INSTITUTION OF
BIOLOGICAL RESEARCH:

Mr. E. W. Scripps,
Miramar, Calif.

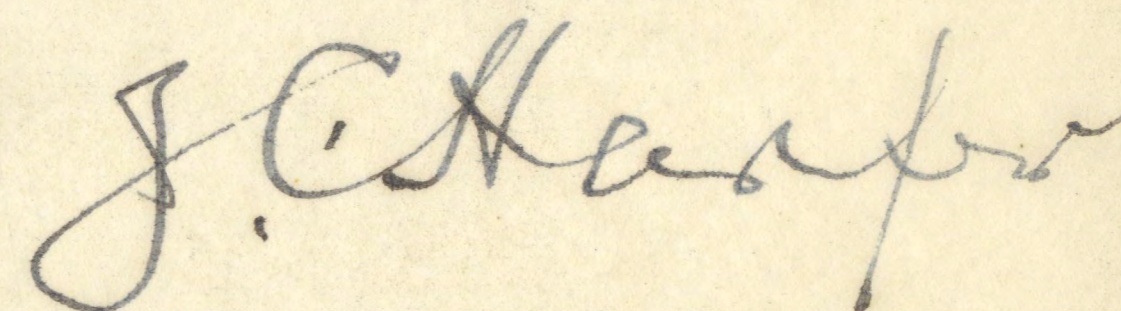
My dear Mr. Scripps:

Through George Riley I have obtained the facts concerning your contribution to the above institution. Beginning with August 1911, a payment of \$250.00 per month was made my mistake instead of \$125.00. This continued for eight months, ending March, 1912. Since then no payments have been made. The double payment for eight months would carry your contribution forward including November.

You stated to me that you desired to continue your contribution of \$125.00 per month continuously to the institution and I have accordingly prepared an order for the payment of \$125.00 per month to the Regents, beginning December 1st, 1912 and for each month thereafter. If the order is in accordance with your wishes, please sign it.

Yours sincerely,

J. C. Harper



cc EBS

RPM

Scripps Inst. UB

302

Miramar, Calif., March, 14, 1913.

Mr. James G. Scripps:

Pay to the Regents of the University of California \$500.00, being ~~for~~ \$125.00 per month for December 1912, and January, February and March 1913 (double payment had been made for eight months and payment was suspended for eight months to catch up, and this time expired Last November). Each month hereafter pay to the Regents \$125.00 until further ordered, as I desire my contribution of \$125.00 per month to the Biological Institution to be continuous.

E. W. Scripps

signed in triplicate

Riley
Howard

2B
Sacramento, Cal Mch. 14, 1913.

My dear Mr. Harper,

Your letter received yesterday, as I did not have my mail forwarded before. I had hoped that you might have seen the Governor when he was in the South. The papers here hinted that he had planned going to San Diego.

I am held up by the advice of Mr. ^{Neylan} Mylan, Pres. of the State Board of Control. He came back from his visit to La Jolla a very enthusiastic booster for our claims, but he strongly advises another change in our application, going back to our original plan of a request for maintenance, say \$16,800 for each of the two ensuing years. He thinks the chances of our getting through three separate bills are very poor.

Meanwhile, he offers to push our claims to the fullest feasible extent at a meeting of the Governor, the Chairman of the Finance Comm. of the Senate and of the Ways and Means Comm. of the House, and Mr. ^{Neylan} Mylan, which meeting has been planned for the past three days, but has been delayed from day to day by the difficulty of all of these very busy men finding a time when all are free. I am assured that the meeting must be held soon, and Mr. ^{Neylan} Mylan strongly advises me not to try to push our claims with individuals until I can be sure which form our requests will take.

Senator Wright and Mr. Hinkle advise me to follow Mr. Neylan's advice absolutely, and also assure me that if he can carry out his plan, the shift can be made, and the approval of this group of men assures the passage of our requests, so that no further work will be necessary.

I shall therefore mark time for a day or two more - hoping that Mr. Neylan may be able to carry out his plans. I will advise you of any new developments.

Very sincerely yours,

Fred Baker

Sacramento, Cal. Mch 22, 1913.

Mr. J.C. Harper,
Denver, Colo.

My dear Mr. Harper,

My work here seems to be done and I think I shall leave tomorrow. I am unable to estimate just what my presence has accomplished, but I believe it has been a factor.

As I wrote you in a former note, Mr. Neylan, of the State Board of Control, came back from his visit in La Jolla a decided booster for our institution and has really taken the whole affair on his shoulders. It transpired that it was almost impossible that we could get more than one of our three bills through, at most the \$7600. for a sea wall &c. After the General Appropriation Bill is passed as about agreed upon there will be only about \$7,000,000 available to meet demands of over \$27,000,000 for special appropriations, and, of this San Diego wants over half a million for the Fair and some minor sums,

So Mr. Neylan advised getting our appropriation into the Gen. Appropriation Bill under the heading of Maintenance offering to take the matter up with the Governor.

Through Comptroller Merritt, Dr. Ritter learns that it has been agreed among the Chairman of the Way & Means Committee of the Assembly and of the Finance Com. of the Senate and Mr. Neylan that this shall be done. At an interview with Mr. Neylan this afternoon, following one with the Governor as I understand, Mr. Neylan said "I think you will get recognition in the General Appropriation Bill, though I cannot say for how large a sum". He also assured me that he would do his best to make the sum as large as was compatible with the financial condition existing. I feel sure that he meant what he said, and also that he was right when

F. Baker to J.C.H., March 22, 1913.

-2-

he assured me that further work with individual legislators would be of no further use.

I have not seen the Governor personally, as Mr. Neylan offered to present your letter personally and to impress the facts you stated. This seemed to me more likely to be effective, as the letter was presented this afternoon when the whole matter was gone into.

Mr. Hinkle advises me to make no further effort to push the matter. Mr. Wright was inclined to advise me to wait and interview Gov. Johnson, but when I told him all the facts, he also agreed that such a course would not probably accomplish anything.

Mr. Hinkle has absolute faith in Mr. Neylan; Senator Wright, being a most radical political opponent of Mr. Neylan, assures me that he is a rank politician and not to be trusted, although he assures me that if he means all that he says, we can rest assured that we shall get as large an appropriation as is possible; Dr. Ritter and I feel sure that we can depend on Mr. Neylan. Only time will tell which is right, but in any case I am sure that Mr. Neylan has full power to settle the matter and that he can balk any further work on our part if he is not perfectly honest in his assurances to us. I am trying to get Dr. Ritter on long distance to ask if he advised my waiting to see Gov. Johnson, but unless he advises it very positively I shall leave tomorrow, and consider my work done.

Both Senator Wright and Mr. Hinkle assure me that any amount recommended out of Committee in the Gen. Appropriation bill will surely go through. Both of them, as well as Mr. Neylan, have assured me that they will telegraph me if I can do any more good here, and I shall hold myself ready to return if I can do any good.

It is a great advantage to go in the Gen. Appropriation Bill, for this puts us in line for some appropriation at each succeeding meeting of the Legislature.

I have had a delightful trip and I feel sure that my wife, who has accompanied me, and I have been able to exert considerable influence in the matter of several social service bills which are pending. My wife spoke publicly at an open, joint com. meeting on the eight hour law for women and has been actively at work with a lot of other good women who are lobbying here.

Very sincerely yours,
(signed) Fred Baker

Original

Point Loma, Cal. March 30, 1913.

Dear Miss Scripps:-

Dr. Charlotte and I came home last night and it occurs to me that you may be interested in my doings while away, though Dr. Ritter may already have written them to you.

Dr. Ritter joined me in Sacramento the day the Legislature reopened its session and we immediately had an interview with Mr. Neylan President of the State Board of Control. He had just returned from La Jolla and told us he had come back a booster for the Station. He advised us not to push the three bills which Mr. Hinkle had introduced and offered, if we agreed with him, to take the matter up with the Governor, Senator Strobbridge, Chairman of the Committee on Ways and Means in the ~~Assembly~~ Senate, and Mr. Chandler, Chairman of the corresponding committee in the Assembly. He said he would suggest that we be put into the General Appropriation Bill which is made up by these two committees; that, if these men agreed with him, he would suggest as large a sum for us as it seemed possible to appropriate to us. XX

I had already been running around the San Francisco Bay region interviewing legislators in our behalf, but he advised me to do no more of this, assuring me that if his plan went through, we would surely get whatever appropriation was recommended by the Joint Committees without anything else being done.

I was assured by Senator Wright and Mr. Hinkle that this statement was correct, so I had nothing else to do but to await Mr. Neylan's report. I received a letter from Mr. Harper to Governor Johnson and Mr. Neylan took on himself presenting it directly to the Governor, thus insuring attention as is not always the case when ~~xxx~~ letters pass through the hands of private secretaries.

I reported to Mr. Neylan once or twice a day, at his suggestion, always finding him extremely pleasant in a hearty way which augured well for our plans. A week ago yesterday he reported that he had at last been able to get the matter into conference and said "I think I can assure you that you will be recognized." He would not give me any hint as to the amount, and, owing to the condition of the State finances, I fear we may be cut considerably, but, as Mr. Neylan pointed out, getting into the General Appropriation Bill means that ~~the~~ the State charges itself in some measure with the support of the Institution and puts us in line where we can ask an appropriation from each succeeding Legislature as a matter of right, as would not have been the case if we were to get the especial appropriations which we asked for.

Mr. Neylan assured me that there was nothing more which I could do in Sacramento and told me to go home and rest easy. Messrs. Wright and Hinkle were of the same opinion, though Mr. Wright warned me that Mr. Neylan was a great politician and not to be depended on. As Dr. Ritter and I were much impressed both with his openness and his ap-

parent interest in our Institution, and as Mr. Hinkle entirely disagreed with Mr. Wright, I concluded that Mr. Wright's opinion was much influenced by his dislike of Governor Johnson, whose appointee and strong supporter Mr. Neylan is. All three assured me that I should be telegraphed for immediately if I could do any more work of importance in Sacramento. So we packed up the next day and came home, stopping a few days with friends in San Francisco.

I had insisted that Dr. Charlotte should go up with me to take a much needed rest, but I think that you will be interested in knowing that she was very hard worked in Sacramento and, I think, did a real service in pushing a lot of social service bills. We were both impressed with the good character of the majority of the members of the Legislature, a good working majority of whom are in favor of all of the social service bills if they can be sure that they will accomplish what they are intended to. There is a great deal of doubt about mothers' pensions and some other involved questions, but if a good working bill can be drawn, they will go through. Dr. Charlotte spoke at a public hearing on the eight hour law for women and we were made very welcome at all committee meetings, at several of which we both spoke. The legislators are working early and late and I feel sure that they will accomplish much good work.

Very sincerely yours

Fred Baker

UNIVERSITY OF CALIFORNIA
OFFICE OF THE PRESIDENT

Berkeley, March 29, 1913.

My dear Miss Scripps:

I am wondering whether you might not find it possible and convenient to be here with us on Wednesday, May fourteenth, for the annual Commencement Exercises. We should all be honoured to have you present on that occasion; and I think you might find it pleasant yourself to join in the Commencement of the University with which you have so nobly and helpfully identified yourself. I wish you might arrange to be in Berkeley for a week or more in May; you might then attend the Baccalaureate Exercises, see the Class Day Pilgrimage of the students, and the Extravaganza in the Greek Theatre, and indeed, join in all the festivities of the season. You would be most heartily welcome. Pray tell me that you will come.

Very sincerely yours,

Benj. Ide Wheeler.

Miss Ellen B. Scripps,
La Jolla, California.

Cincinnati, April 3, 1913.

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

Dear Miss Scripps,

I mentioned to you that I had had no response from Gov. Johnson to my request for an interview. His private Secretary, under date of March 25th, has just forwarded to me a letter and the envelope in which it was enclosed, dated March 7th, addressed to me at San Diego but without other address, which never reached me, *naming a date for meeting the Governor*. I call your attention to the matter, so that both you and Mr. Scripps may know that my request was not ignored.

Sincerely,

J. C. Harper

cc.
EWS

Bank of Commerce and Trust Company

SAN DIEGO, CAL.

FEB 10 1913

Your letter of 4/9 191 received:

WE CREDIT:

<i>E. B. Scripps</i>	1	0	0	0	0	-
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<i>E. B. Scripps Marine</i>	}	2	5	0	0	-
<i>Biog. Station Fund</i>						

WE DEBIT:

WE ENTER FOR COLLECTION:

Outside items credited subject to payment.

UNIVERSITY OF CALIFORNIA
DEPARTMENT OF ZOOLOGY
BERKELEY, CALIFORNIA

East Hall, U. C. April 9/13

My dear Miss Scripps: Your letter reached me last evening and I spent considerable time in the night thinking it over.

A similar letter from Miss Parsons ^{at Mrs Mills re.} and your quest, last week, met a very decided negative. For your sake I am reconsidering the matter, and will state the case to you and see if you can help me reach a decision.

Mr. Ritter feels very much oppressed with the amount of writing in his special line which he has formulated in his mind but which has not gotten into print. His work in this line in which Miss Watson was helping him, was, as you know cut short by his illness. Since then he has not been able to take it up, as the Station Report took up the rest of that year, and last year he was completing a large strictly scientific work for the Smithsonian Institution on the Loricata of the Pacific Coast. This of his hands, he had again begun his philosophico-biological writing when I had become away.

He has enough laid out to occupy several years ^{now} without the interruptions of his scientific work, at the Station. As I said, the amount he has laid out oppresses him at times to the extent of genuine depression because the years are slipping away so rapidly.

This work requires endless reference reading and copying, which I can do and save him a great deal of time. Only recently I had told him I would devote my time more fully

than ever to helping him in this way, which pleased him very much and made him feel he could accomplish more.

As you know, it is impossible for him to have an assistant again, such as Miss Watson was. That experiment was sadly disastrous, in several ways.

I thoroughly believe Mr. Ritter has a message for the world, and that a half century hence he will be far better known than he is now, if he can only get his views before the world.

Is it not my first duty to help him do this? My ordinary duties of housekeeping etc are quite as arduous as those of most women, but I could manage those and do the club work. I have for years given Mr. Ritter much time as typewriter, station secretary etc, in addition to the above, and must continue to relieve him in these ways ~~as~~ as heretofore. The above work would be in addition to these duties and I had planned to cut down the time given to clubs and social duties. Then if we build and more, I will have to largely superintend it for we will have to give up having an architect. Mr. Regua's specifications sent the bids sky high, so the architect as superintendent must be cut out, and I should want to watch any contractor very closely. I simply cannot do more than all this. There are not hours enough in the day. If I undertake club work I must cut out Mr. Ritter's special need of me.

It was owing to my having undertaken the District Presidency that Mr. Ritter felt he must have Miss Watson as an assistant; and it was largely the worry and unhappiness caused by that complication that helped to break him down, so I have always felt guilty about taking up those outside re-

UNIVERSITY OF CALIFORNIA
DEPARTMENT OF ZOOLOGY
BERKELEY, CALIFORNIA

responsibilities although he consented to my doing so, thinking it would make me more contented. Now my conscience will not allow me to shirk my first duty, which I consider to be to help my husband in his work. If you agree with me that he has a message to give the world that may benefit humanity, do you think I would be doing right to leave him in the lurch?

Personally I would be willing to do the club work, and I realize it has a place in the community-life, but it seems to me there is no woman in the club who has more urgent need of keeping out of such time-consuming activities.

For two weeks past I have been struggling with another attack of grippe. Last Saturday I went down to friends near Saratoga and in the warmer air partly threw it off, but my lecture attendance has been sadly interfered with.

I shall be sorry indeed if you cannot come up for commencement. Mr. Ritter was very much in hopes you would come, and of course I want you to do so.

Is there any chance of your attending the C. F. W. C. Convention at Fresno? I intend to go as I can visit my sister and be at very little expense. Many thanks for the credentials. I will try to send a report in time for your last meeting.

Mr. Ritter joins me in much love to you. I shall be much interested to know what you consider my first duty as to next

year's work. The mere fact that you want me to undertake the club work makes it very hard for me to refuse, but I cannot see my way clear. My conscience would trouble me to a degree that I fear would prove suicidal to my efficiency were I to yield.

Accept most loving and kindest regards to all friends, especially the Daddies.

Cordially

Mary Ritter.

I have been writing this at East Hall where I have been looking up references for Mr. Ritter. He has to give two extra addresses this week, one for the State Biological Association on Saturday, and one at Stanford University next Tuesday evening, at the annual meeting of the Sigma Xi, the honor scientific society of the U. S.

M. B. R.

2908 Channing Way, Berkeley, Apr. 19/13

My dear Miss Scripps:

I have been type writing letters for Mr. Ritter and if I use the same means in writing to you it will be easier for you to read and for me to write.

I am so glad you agree with my point of view regarding my first duty. Of course I will make it a point to attend the Club as regularly as possible and do all I can to help along. You shall have my report of the Convention in ample time for Reciprocity Day, Deo volente. As to the presidency, I am of the opinion still that it is time to infuse some new blood and put the official work into the hands of some of our newer members. I do not know the Mrs. Lathrop you speak of but your impression of her is a good indication of her ability. Is she the Mrs. Lathrop who is building the new house on Prospect Street, the old Dearborn lot? Am just wondering if by any means you could mean Mrs. Lothrop of "Five Little Peppers" fame. She is doubtless a talented woman but I should imagine too restless and nervous to make a good presiding officer. Still she would doubtless put some vim into things, if she is to stay in La Jolla.

I have thought some of Mrs. Stough. She has been in the Club three years, and though a little slow, would infuse new life at least. If Mrs. Jones decides to stay in La Jolla, I think she would make an excellent president. Perhaps you have it all settled ere this, but since you ask my advice, I should suggest one of these newer members.

I am enclosing a letter for you to read from Mr. Merritt to Mr. Crandall. It shows how well Mr. Merritt has his hand on the pulse of the legislature as well as his genuine interest in our affairs. Mr. Ritter met him on the campus this morning and they talked things over again. He had just returned from another trip to Sacramento and said he was very sure that the \$15000 from the general budget was secure, and he thought there was a fair chance of getting the \$7500 for the sea-wall beside. This latter we cannot count on but can hope for. Wouldn't that be fine! I am also enclosing a letter from your friend Prof. Neal of Knox College which is gratifying. When convenient will you kindly return both letters. We regret of course that Prof. Neal cannot come this summer but are pleased to know that he really wants to come sometime.

As you doubtless know Prof. Metcalf of Oberlin did not reach La Jolla until after we had left but he enjoyed his work at the Station very much. We have had a delightful visit with him here. He returns to Pasadena for his family tonight and will return about May 8th. to stay thro Commencement week and a week or two longer.

In reply to your question as to when we will be home, it will be very soon after Commencement, about June first I think. Mr. Ritter

wants to do some library work after his lecture courses are over. He has been working very hard and has kept himself very closely confined. I strongly feel that he ought to take at least a week's rest before he goes south as there will be no let-up there. He says that he would prefer to wait until Fall for a little vacation, but it is almost impossible to get away, once we are tied down there, so I hope he will consent to going up into the Santa Cruz Mountains, near here, for a week. But even so we would get back to La Jolla about the first of June.

You speak about my hearing the news from other correspondents. The truth is you are the only person I have written to except short business letters, until two days ago I wrote to welcome Mrs. Bissell home. I will surely try to write to Miss Waddell tomorrow. Tonight we have Twelfth Night in the Greek Theatre. In another week it will be time to go to Fresno, after which the time will fly very quickly.

With much love to you and kindest regards to inquiring friends,

Very sincerely,

Mary B. Ritter

Biological

Cincinnati, Ohio, April 15th, 1913

Prof. W. E. Ritter,
Berkeley, Calif.

My dear Professor:-

I enclose herewith statement which ^{our people} ~~the Public~~ have gotten from Mr. Redfield, the new Secretary of the Department of Commerce. Note what he says about his purpose to find out the facts, about fish suitable for food. Wouldn't it be a good idea for you to open up a correspondence with Mr. Redfield, and get the Biological Institution at work in the line of service, that he pledges his Department to undertake?

I wish you would let me know what was the outcome in the Legislature. Was an appropriation made for the Biological Institution; if so, in what amount and in what form?

Sincerely yours,

J. C. Stanger

H-S, enc.

Cy. E. B. Scripps,
E. W. Scripps.

Biological

Berkeley, Calif, April 19, 1913.

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

My dear Mr. Harper,

Yours of the 15th with printed extract of a statement by Secretary Redfield is just received. We have already made some move toward getting the "Albatross", the Steamer of the Fisheries Bureau, for some work in connection with the Scripps Institution this coming late summer and fall, and have felt that the new Commissioner of Fisheries might make possible arrangements with the Bureau that would be mutually advantageous to us and the Bureau. I had not however known or even thought that Mr. Redfield himself might be especially interested in the matter. I am therefore very glad of your suggestion.

I am enclosing a copy of a letter from Mr. Merritt to Mr. Crandall which will show you the state of our affairs before the Legislature when the letter was written. I saw Mr. Merritt this morning and learned that while the general appropriation bill has not yet taken final form, so has not of course been reported out of the Committee, he is still confident that we shall have the place in it indicated in the letter. In addition he now sees some chance of getting a special appropriation for the sea-wall of \$7,500. This has been passed by the Assembly.

The change of basis of our request was made only after due consideration and approval by Miss Scripps, Dr. Baker and myself. Dr. Baker was in Sacramento a couple of weeks watching affairs, and only left when we felt he could be of no further service. I went up for two or three days and we together interviewed Mr. Nye the State Controller, and Mr. Neylan, Chairman of the State Board of Control. Both of these approved and even urged the change, the latter especially promising to do all in his power to get it through, but prophesying failure for the special grants. So we all decided that it would be better to try for the general appropriation which will be much the more valuable in the long run.

As soon as any final action is taken, I will let you know.

Very sincerely yours,
Wm. E. Ritter

(COPY)

Berkeley, Cal, April 11, 1913.

Capt. W. C. Crandall,

Scripps Institute for Biological Research,

La Jolla, California.

My dear Captain:-

The Scripps Institution has asked the present session of the Legislature for certain appropriations for sea-wall, wharf, etc., amounting in total to about \$33,000. The bills were introduced by Mr. Judson and Mr. Hinkle. Dr. Baker went to Sacramento and interested various parties also in these appropriations.

However, about the beginning of the second session, some six weeks ago, I was informed through various sources in both Senate and Assembly that it would be impossible to get the appropriations for which we had hoped in the form in which they were presented. All the State officers who had visited the Scripps Institution are very much interested in it and wanted to be of service in a financial way, but there are so many pressing matters from Reform Schools, Normal Schools, Hospitals, Prisons and other sources that it is extremely difficult to get enough money to go around. I was informed from a reliable source in the Assembly that we are sure of getting favorable action on \$7500 appropriation for sea-wall but for nothing else.

In view of all these circumstances I requested those in authority of financial matters to cause a change in the status of our request for the Scripps Institution and again to have the basis changed to one of support and maintenance rather than specific appropriations for certain items. I have two reasons for making this move. First, because for the wharf and sea-wall, it seemed we would get only a very little money. Second because if money

were given for support and maintenance and we were able to get it into the general appropriation bill, it would mean that the State would give us this money each session hereafter.

Suppose we should get \$15,000. That would be the same as having an endowment of \$150,000 which at 5% would yield us \$7,500 a year or \$15,000 for the biennium. In other words, a specific appropriation would occur but once but an item which would go in general appropriation bills is almost as good as an outright endowment by the State.

We therefore had a conference between Mr. Neylan, Chairman of the State Board of Control, Senator Strobridge, Chairman of the Finance Committee, and Mr. Chandler, Chairman of the Ways and Means Committee of the Assembly, at which I requested a change of the status of the appropriation for the Institution from the specific appropriation bills to an appropriation for support and maintenance and also for the enclosure of any appropriation that might be made in the general appropriation bill. This was granted.

I do not know how much they will give, but it has been intimated probably \$15,000 will be the amount. If we can get this in the general appropriation, I am of the opinion that it will never be taken away from the Institution and will be a very marked recognition by the State of the important work which has been undertaken by the Scripps Institution since its founding.

If any further developments occur, I will let you know by letter immediately.

Very truly yours,

R. P. Merritt,

Comptroller.

DEPOSITED IN THE

BANK OF COMMERCE AND TRUST COMPANY

SAN DIEGO, CAL.

By E. B. Scripps letter 5/7/13

TO CREDIT OF

Marrus Biographical Station Fund
May 8 1913

PLEASE LIST EACH CHECK SEPARATELY

	DOLLARS			CENTS
Gold,				
Silver,				
Currency,				
Checks,	4	5	00	

Handwritten signature
 DEPOSIT RECEIVED

ALL CHECKS CREDITED SUBJECT TO PAYMENT

2908 Channing Way

Berkeley, May 11/1913

My dear Miss Scripps:

I returned from Mrsus last Monday and went to work first thing next-morning to prepare my report. I have put in two full days work on it so far and hope that another half day will finish it. All this labor of writing and typewriting will take you possibly half an hour to read.

I will send it to you tomorrow with the official program and souvenir cards. I hope you will read the report for me, and will you kindly save it for me. I would like it for reference.

All, college will be over

This work, but I doubt if I can
drag this husband of mine away
from the library. He feels that
he must "dig" until the very last
minute. I am sure he is
making a great mistake, not to
take a few days of genuine rest,
and I shall not give up if I can
help it, but as there is only ^a ~~one~~
^{or two days} work remaining before the
time things are fully over here
and the time to start southward,
there is not much leeway.

All the legislation is to close
to-day. The general appropriation
bill in which the station's affairs
were incorporated, was passed on
Friday. Even if passed there it
still lacks the Governor's signature,
so our fate is not yet decided.

Mr. Ritter is wondering if he ought not
to go to Sacramento to interview the
Governor on the subject, before he
signs or does not sign our item in the bill.

We keep very busy. Mrs. Lucas I found
my youngest nephew's wife very ill - the
one who visited us in Pomona collage
years ago. I am going to bring her
to S. F. for examination and treatment
within a few days - as soon as possible.

The consultant - Dr. Hunt is in the east,
but will return in about a week.

This is also complicating my plans
for a vacation next week.

The days fly so fast that you will
scarcely have time to turn round before
we are with you. The Daniels will
go down the last of this week or first
of next. Love to my body, especially
Mrs. Daddell and yourself.

Affectionately
May B. Ritter

THE SCRIPPS INSTITUTION FOR BIOLOGICAL RESEARCH
OF THE
UNIVERSITY OF CALIFORNIA

LOCATED AT LA JOLLA
NEAR
SAN DIEGO, CALIFORNIA

LA JOLLA, CALIFORNIA,

May 12 1913

My dear Miss.Scripps:

I am enclosing a letter that you may sign
if you wish in sending a \$1000.00 to Mr.Merritt
for the purchase of a machine for \$700 and the
rest to serve as a balance for purchasing necessary
house equipment.

Yours truly

W.C. Causall

JULIUS WANGENHEIM, PRESIDENT

CAPITAL \$ 500,000.00
SURPLUS \$ 200,000.00

MILTON H. EPSTEIN, CASHIER

COMMERCIAL

SAVINGS

Bank of Commerce and Trust Company
of San Diego, California

May 15, 1913.

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

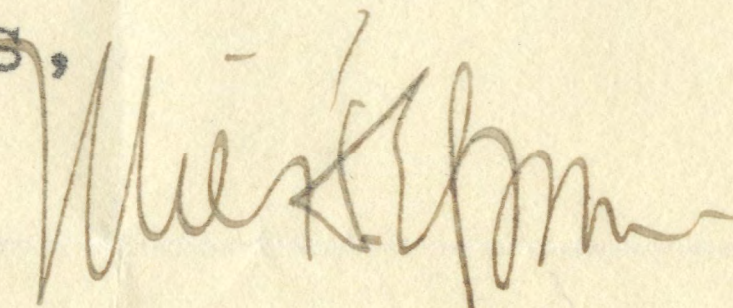
Dear Madam:-

This will acknowledge receipt of your favor of the 14th with stated enclosures.

Kindly note that in accordance with your instructions, we are to-day sending our San Francisco draft in the amount of \$1,000.00 to Mr. Ralph P. Merritt, Comptroller of the University of California.

Also, we are having your pass book balanced, and shall return same to you to-morrow.

Very truly yours,



Cashier.

CC.

9 BS
Big Basin, California, May 20, 1913.

Dear Mr. Harper,-

Mrs. Ritter and I are having a few days of outing here among the "redwoods" before returning to La Jolla. My work for the year at the University ended last week.

The State legislature also ended last week, and let us know at the very end what the State treasury has for the Scripps' Institution during the next two years. We get \$15,000 for operating expenses. This of course is a much smaller sum than we asked for, but since it comes in the general appropriation bill I am assured that it means that we get a permanent place in the State's regular expense budget. In other words, it means this much added ^{to our} from income producing endowment.

This is, of course, better in the long run than the full \$33,600 as a special appropriation would have been.

Crandall writes that the new colleges are practically finished, and quite within the amount of money that was set aside for them.

Will write you again soon after reaching home which will be about June 1st.

Yours sincerely,

Wm. E. Ritter.

UNIVERSITY OF CALIFORNIA
OFFICE OF THE COMPTROLLER

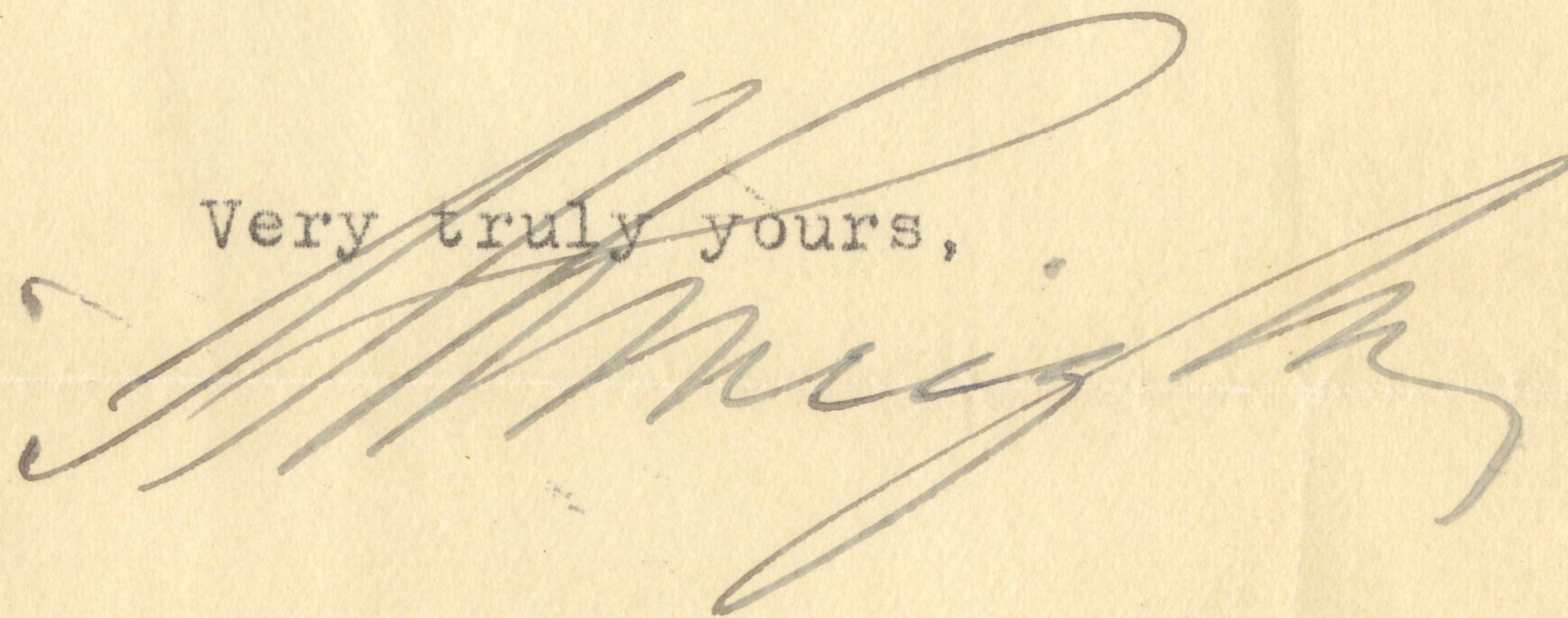
Berkeley, May 22, 1913.

Miss E. B. Scripps,
The Scripps Inst. for Biological Research,
La Jolla, Calif.

My dear Miss Scripps:

Many thanks for your check for \$1,000,
for which we enclose the University's official
receipt.

Very truly yours,

A large, stylized handwritten signature in dark ink, likely belonging to the Cashier, is written over the typed name. The signature is fluid and cursive, with a prominent initial that appears to be 'M'.

Cashier.

Telephone Main 288

Established 1880

The Warner Company

Jewelers : Silversmiths : Opticians

1929-31 Mariposa Street

Fresno, California

May 28, 1913.

My dear Miss Scripps,

We shall land in S. Diego by the Angel Monday June 2. Mrs. Ritter has, I think already informed you of this. I am writing now to notify you that I shall have numerous important matters in connection with the situation to take home. It will be necessary to have a meeting of the local board as an early date, but before that I shall want to talk considerably with both you and E. W. Presumably you will see him Sunday, and you might mention that he will be expected to give me some time very

soon after I get to the Jolla.

Mrs. R. and I are very well, but there are some rather alarming illnesses in the family here. It will be mighty good to be back in La Jolla.

Yours sincerely,
Wm. E. Ritter.

UNIVERSITY OF CALIFORNIA

COMPTROLLER'S OFFICE

117453

Berkeley, Cal.,

5-21-1913

Received from M

us A. B. Scripps
The Shouland

DOLLARS

Appointment Secretary Letter Fee		Non-Resident Fee	
Astronomy Fee		Physics Fee for Summer School	
Botany Fee		Rent	
Changing Course		Special Examination Fee	
Civil Engineering Fee		Summer Session Fee	
Dairy Produce Sales		Sundry Debtor Bill No.	
Delay Registration Fee		Tonnage Tax	
Gymnasium and Infirmary Fee		<i>Cc. Building & Imp. Fund</i>	
Gymnasium Suit		<i>& to be used for purchase of 1000 -</i>	
Insecticides License		<i>automobile at San Diego Marine</i>	
Military Uniform Fee		<i>Biol. Station, bal. to be used</i>	
Mineralogy Fee		<i>for necessary furnishing</i>	
		<i>of the cottages</i>	

THE COMPTROLLER OF THE UNIVERSITY

Per

Retain this copy for your file

Cincinnati, O., June ,1913.

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

My dear Professor,

Miss Ellen B. Scripps has authorized me to state that she will provide \$9,000.00 for your salary and the work of the Biological Station for the year beginning July 1st, 1913 ; the same to be paid in monthly installments and to be conditioned on no debts being incurred and expenses rigidly kept within income.

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

Yours truly,

Approved:-

E. B. Scripps

CC
EBS
EWS
JGS
CFM

#1250

--Order, account payments to Biological---

Cincinnati, June 12, 1913.

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

Dear Miss Scripps,

I attach hereto copy of the authorization which you made for the Biological Station for the year ending the 30th inst.

I also attach hereto a new order for the year beginning July 1, 1913. If it is in conformity with your wishes, please sign your name under the word "Approved" and return it to me in the enclosed stamped and addressed envelope.

If you want to make other arrangements for the coming year, please indicate on the face of the order, or in a separate letter, just what your wishes are. I probably ought to have called your attention to this earlier but overlooked it.

Sincerely,

J. C. Hanfer

cc
JGS
EWS
CFM

DEPOSITED IN THE

BANK OF COMMERCE AND TRUST COMPANY

SAN DIEGO, CAL.

By *Putter*

TO CREDIT OF

E. B. Sumpster Marine Biological Station Fund

JUN 14 1913

191

PLEASE LIST EACH CHECK SEPARATELY

	DOLLARS			CENTS
Gold, _____				
Silver, _____				
Currency, _____				
Checks, _____	4	5	00	-

Sumner Putter
 DUPLICATE
 TELLER

DEPOSITED IN THE

BANK OF COMMERCE AND TRUST COMPANY

SAN DIEGO, CAL.

By E. B. Scupper

TO CREDIT OF

Marine Biological Station Fund

JUL 8 1913

191

PLEASE LIST EACH CHECK SEPARATELY

	DOLLARS				CENTS
Gold,					
Silver,					
Currency,					
Checks,		7	5	0	0

DUPLICATE
Sumner
Teller

ALL CHECKS CREDITED SUBJECT TO PAYMENT

THE SCRIPPS INSTITUTION FOR BIOLOGICAL RESEARCH
OF THE
UNIVERSITY OF CALIFORNIA

LOCATED AT LA JOLLA
NEAR
SAN DIEGO, CALIFORNIA

LA JOLLA, CALIFORNIA,

July 21st 1913

Miss. Ellen Scripps,
La Jolla, Cal.

My dear Miss. Scripps:

At a conference held between Mr. Scripps, Mr. Ritter, Mr. Merritt, Mr. Foster and myself on Sunday, it was decided to undertake the following work at this time and to ask you to send to the Comptrollers Office the sum of "Twelve Thousand (\$12 000) Dollars to be used as follows:

\$2 000.00 for the Library Account.

\$ 3 400.00 For the salary of the Bus. Mgr. to be ^{deposited} credited to the

Building and Improvement Fund.

\$6 600.00 for seawall, drainage and saltwater system. to be deposited to the Building and Improvement Fund.

Yours truly

W. C. Randall

JULIUS WANGENHEIM, PRESIDENT

CAPITAL \$ 500,000.00

MILTON H. EPSTEIN, CASHIER

SURPLUS \$ 200,000.00

COMMERCIAL

SAVINGS

Bank of Commerce and Trust Company
of San Diego, California

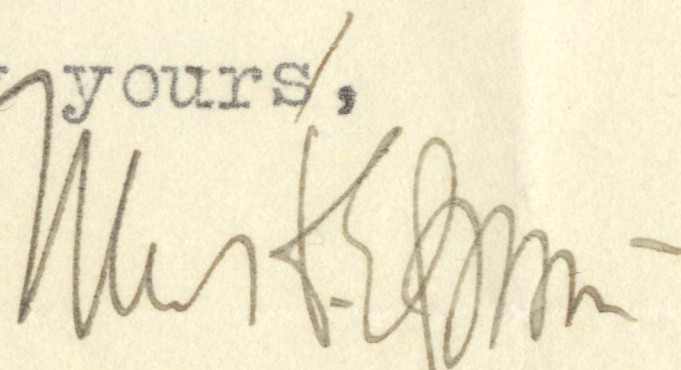
August 4, 1913.

Miss E. B. Scripps,
LaJolla,
Cal.

Dear Madam :

Replying to your letter of August 2nd. we beg to say that we have to-day remitted \$12,000. to Mr. Merritt, Comptroller of the University of California, and have requested him to mail you a receipt for the same.

Very truly yours,


Cashier.

PA

UNIVERSITY OF CALIFORNIA
OFFICE OF THE COMPTROLLER

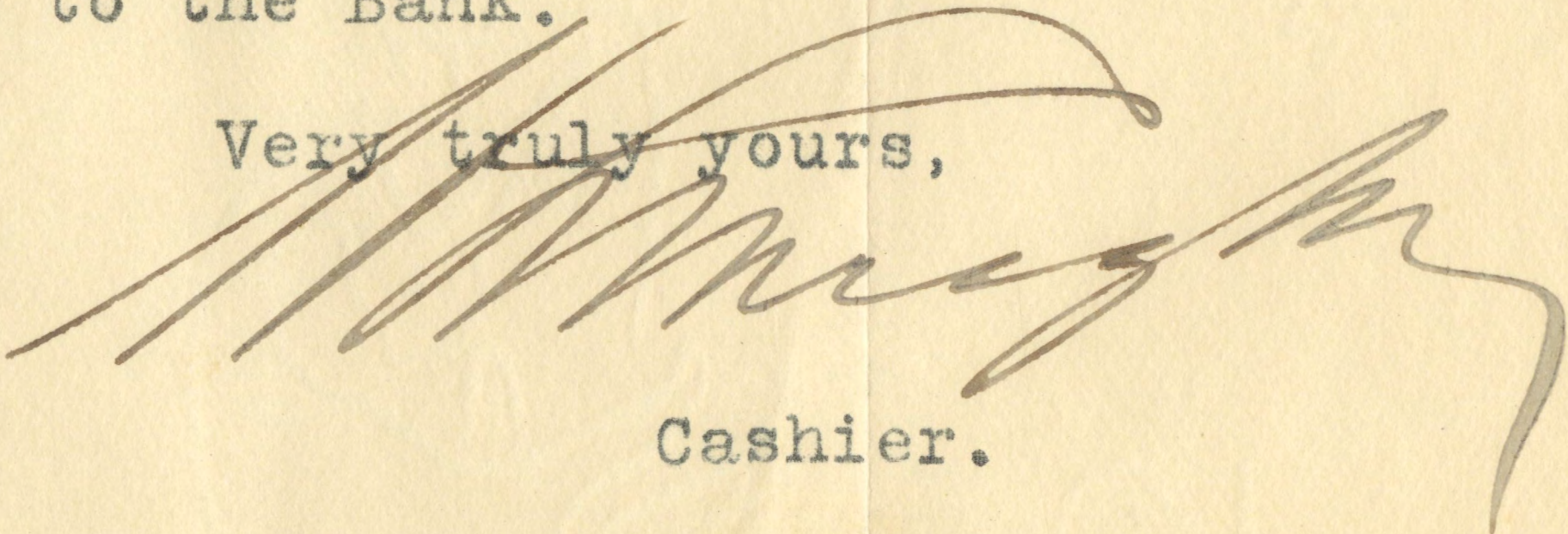
Berkeley, August 6, 1913.

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

Dear Miss Scripps:

We have this day received \$12,000
from the Bank of Commerce and Trust Company
of San Diego as per your advice of August 2nd.
We thank you for this amount and we have
credited the same to the accounts you mention.
We have forwarded the University's official
receipt # 122299 to the Bank.

Very truly yours,



Cashier.

HLW/RL

THE SCRIPPS INSTITUTION FOR BIOLOGICAL RESEARCH
OF THE
UNIVERSITY OF CALIFORNIA

LOCATED AT LA JOLLA
NEAR
SAN DIEGO, CALIFORNIA

LA JOLLA, CALIFORNIA,

Aug 18th 1913

Miss. Ellen Scripps,

La Jolla, Cal.

My dear Miss, Scripps:

Enclosed find letters to the Bank of Commerce and Trust, and the Comptrollers Office to put in force the action of the Board concerning the Director's House.

Yours truly

W. C. C. andall

JULIUS WANGENHEIM, PRESIDENT

CAPITAL \$ 500,000.00
SURPLUS \$ 200,000.00

MILTON H. EPSTEIN, CASHIER

COMMERCIAL

SAVINGS

Bank of Commerce and Trust Company

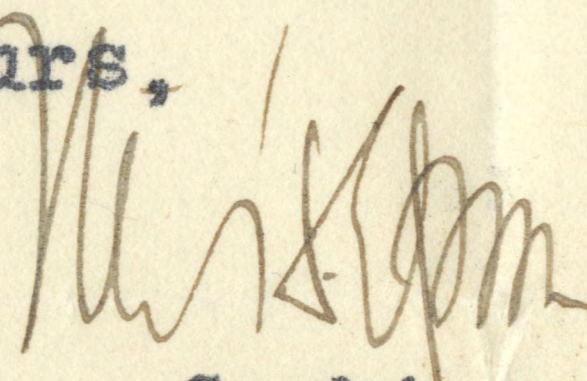
of San Diego, California August 29, 1913

Miss Ellen B. Scripps,
La Jolla, California.

Dear Madam:

Acting upon your instructions of the 18th inst. we have today forwarded to the Regents of the University of California, Berkeley, \$4,000 for the account of the E. B. Scripps Marine Biological Station Fund.

Very truly yours,


Cashier.

P.A.

San Diego, Calif., Sept. 5th, 1913.

Hon. Alfred G. Allen,
House of Representatives,
Washington, D. C.

My dear Mr. Allen:-

I enclose herewith copy of a letter addressed by Prof. Ritter to Dr. Sumner, concerning proposed work to be done by the "Albatross". I wish you would take this matter up with Secretary Redfield and Mr. Smith, Commissioner of Fisheries. A wire has been received from Congressman Kettner that the Albatross will engage in this work as soon as she is again in commission. It is very much desired that she begin this work as soon as possible. If it is delayed until December 1st (as has been suggested), it is quite likely that the state of the weather will be such as to interfere with the work. It would be very desirable to have the work started sometime in October, or not later than November 1st. Of course, we want to have the Albatross enter upon this work even if the date of her getting into commission is delayed, but I request that you try to hasten the date of her getting into commission.

I wish you would try to interest both Secretary Redfield and Commissioner Smith in the whole subject outlined in Prof. Ritter's letter. So far as I have been able to learn, the subject of Fisheries has been very much neglected on this coast. An important part of the work of conservation is the preservation of what we now have and the still further development of sea-food in the greatest of all the oceans. I am told that certain mechanical trawls soon devastate the fishing banks. Then too, it is believed that the lobster and other shell-fish industries can be greatly developed on this coast.

Then, when you contemplate the possibilities of what may be achieved by a knowledge of the effect of the ocean on rainfall and climate on the land, there is scarcely any limit to what may come of researches

(JCH to AGA. 9-5-13--#2.)

and the application of the knowledge gained thereby. We know from the story of Joseph what enormous gain came to Egypt and surrounding countries from the knowledge that there would be seven years of plenty followed by seven years of famine. Would there not be as great advantage if there could be a better approximation of periods of rainfall and periods of drouth in this great region where water is the great essential?

As you know, I have been a great admirer of Secretary Redfield since you sent me his tariff speeches. I regard him as a practical business man with a vision. He has that combination, so rare, of imagination coupled with great business ability. I am sure that he wants to make his administration of the Department of Commerce a memorable one. I think that this letter of Prof. Ritter deals with matters of the greatest consequence. I shall greatly appreciate it if you will take the matter up with him fully and endeavor to arouse his interest in the whole subject.

A few words as to the Scripps Institution for Biological Research: Prof. Ritter for a number of years has been engaged in marine biological research and a number of years ago interested Miss Ellen B. Scripps and Mr. E. W. Scripps in this subject. Through Miss Scripps' donations, a laboratory was built and a sea-going vessel provided, designed primarily for near-shore work, but not equipped for the deep-sea work, for which the Albatross is especially designed. For several years this work has been attached to the University of the State of California, and last year the entire property was transferred to the Regents and is now a regular department of the University. The legislature of the State of California made an appropriation last winter for carrying forward the work, and Miss Scripps has given to it so far this year over \$30,000.

I covet very much an understanding on the part of Secretary Redfield and Commissioner Smith as to the situation, so that there may

(JCH to AGA. 0-5-13--#3.)

be intelligent and helpful cooperation between the government and the Scripps institution. I believe that very valuable results, both in a scientific and practical way, may be obtained by such cooperation.

You are at liberty to make any use you see fit of this letter.

Sincerely yours,

(sgd) J C Harper

June 20, 1913.

Dr. F. B. Sumner,

Naturalist, U. S. Bur. of Fisheries Str. "Albatross".

Dear Dr. Sumner:

In sequence of our recent discussions concerning the possible detail of the "Albatross" for exploratory work off the coast of California, I am herewith sending you an outline of the problems involved as I see them. You are at liberty to use this statement in any way that you see fit.

The scientific considerations which make it highly desirable for some large vessel like the Albatross, well equipped for biological and oceanographic research, to prosecute investigations in the Pacific immediately off the coast of North America, particularly along the coast of Oregon, California and Mexico, group themselves under four heads:- Biological, Oceanographic, Meteorological, and Geological.

BIOLOGICAL.

Restricting these suggestions to problems of the California region, the whole aim would be in the interest of oceanic fisheries. More systematic examination than has hitherto been made should be carried out on the various "Banks", particularly the Cortez, Tanner, etc. off the coast of Southern California as grounds for bottom fisheries, and further exploration of the bottom of the continental shelf in this region would in all likelihood discover fishing grounds not now known.

The habits of the important pelagic fishes of the region (baracuda, smelt, sardines, tuna, black sea-bass, yellow-tail, bonita, etc.) ought undoubtedly to be subjected to systematic study. The importance of these fishes, not only for food but as game, is increasing with the rapid growth of population and tourist visitation in Southern California;

and in all probability legislative regulation of fishing, particularly around the islands nearest the coast, will soon be called for. Such legislation can be intelligent and effective only when based on much accurate knowledge of the migration, time and place and mode of breeding, food and feeding habits, reactions to temperature, etc. of these fishes. Adequate investigation of the problems here indicated would necessarily include pelagic fishing for young fish and eggs as well as for adults, and a beginning ought to be made at the earliest possible date. (The study of inshore fish and shell-fish is not contemplated except as to the strictly pelagic young of these, since it is assumed that the problems connected with them may be better and more economically handled from shore in connection with the biological laboratories).

OCEANOGRAPHIC and METEOROLOGICAL.

These items are for convenience spoken of together. While work in these fields may not perhaps be regarded as falling within the province of the Bureau of Fisheries and has not generally been regarded as more than subsidiary to biological work on the part of those who have directed the operations of the Albatross, it should be pointed out that problems of so great scientific interest and possible, not to say probable, economic importance, have now been clearly formulated for this region that the further study of them with more adequate facilities has become in the highest degree important, and every effort should be made to carry them out.

The group of inseparable problems here contemplated may be summarized as follows:-

The intimate dependence of the climate of coastal land areas on the temperature of adjacent oceanic waters is well known. The peculiarities of the temperature of the Eastern Pacific both as to fact and as to cause are now, thanks to studies by several oceanographers, par-

ticularly and most recently by Dr. George F. McEwen of the Scripps Institution, are now understood, at least in general outline.

Knowledge thus far gained furnishes very considerable ground for believing that still completer knowledge in the same directions would make it possible to predict, within rather wide limits, from observations on the sea in the vicinity of the coast, what the climate of the Pacific states would be for some months in advance. It may be added that the predictive possibilities here indicated are considerably increased by the fact that specific correlations between land climate and ocean temperatures have been established for portions of north-western Europe and the eastern Atlantic, and a number of European oceanographers are looking forward to such predictions as here suggested with considerable confidence. There are good grounds for believing that the problem is more amenable to solution for western America than for western Europe. The very great importance, particularly for California, of such predictions are so obvious as to need no more than mere mention here. Even a remote possibility of being able to foretell the excessively dry years that occur at irregular intervals, would seem to justify much effort to test such an hypothesis. At any rate oceanographic studies of the sort contemplated would certainly produce results of first rate scientific interest and I would strongly urge that representatives of the hydrographic office and of the Weather Bureau of the Federal Government be invited to consider the matter with a view to cooperating with the Bureau of Fisheries in equipping and detailing and manning the Albatross for this work.

GEOLOGICAL.

Far more detailed soundings and collections of bottom samples especially at the edge of the continental shelf off Southern California and Lower California, would almost certainly contribute materially to an understanding of the later geological history of this part of the

4

continent. In any event such soundings would yield much desired information concerning the bottom topography of the sea in this region.

The Scripps Institution stands ready to cooperate in any way it can in carrying out a program of this sort. I would particularly mention that Dr. McEwen is not only willing to, but desirous of, contributing his time and special knowledge to the furtherance of the plan, and should it be deemed worth while to consider even in a preliminary way the oceanographic side of the suggestion, he should be consulted as to the real nature of the problem and the elements that would enter into the preparation for attacking it on this larger scale.

In conclusion I venture to add the important consideration that if while doing the halibut work on the Oregon coast for which the Albatross has, I understand, already been promised, oceanographic work of the sort contemplated in this letter could also be prosecuted, the general oceanographic-meteorologic problem outlined would be greatly advanced.

Very sincerely yours,

W. E. Ritter

Scientific Director

Scripps Institution for Biological Research.

DEPOSITED IN THE

BANK OF COMMERCE AND TRUST COMPANY

SAN DIEGO, CAL.

By E B Sumner

TO CREDIT OF

Biological Station Fund

9/10

1913

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Checks,		7	500		

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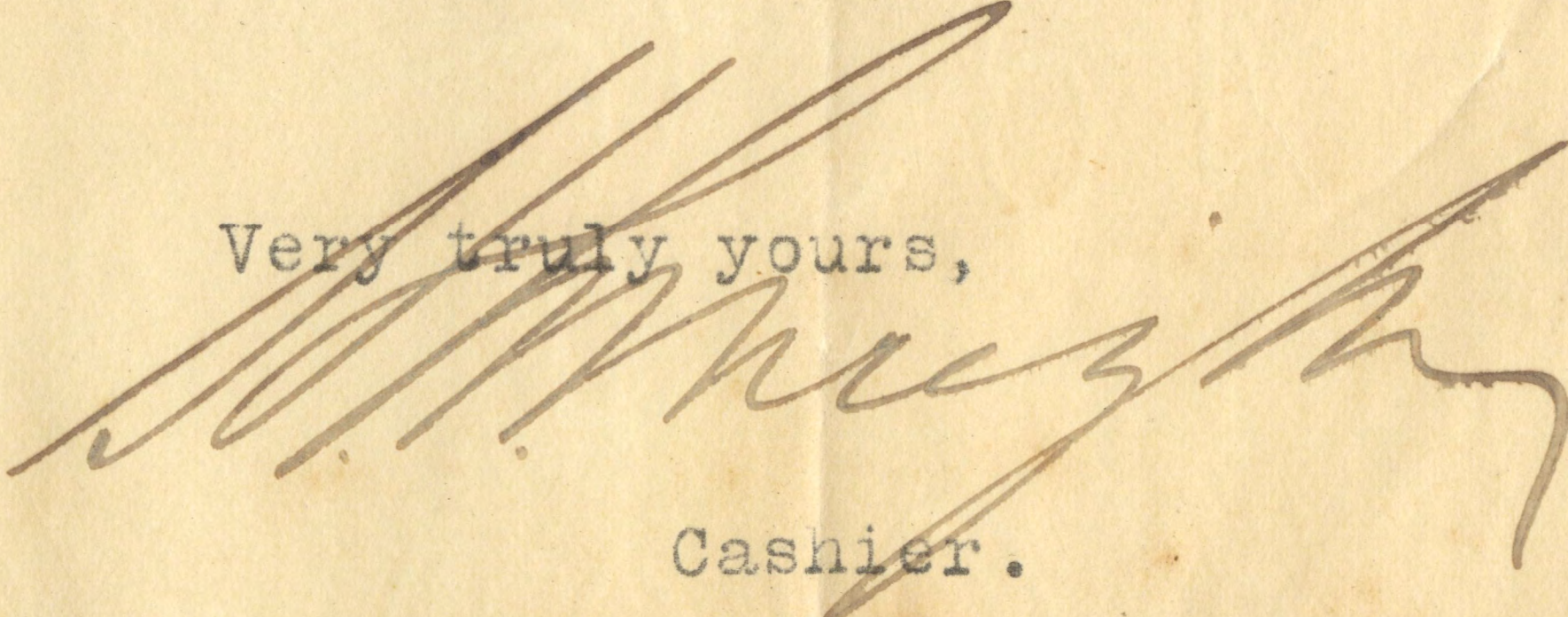
Berkeley, Sept. 13, 1913.

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

My dear Miss Scripps:

Many thanks for your contribution
of \$4,000 which we received this morning
from the Bank of Commerce and Trust
Company of San Diego. Enclosed please
find the University's official receipt
to cover same, which we have credited to
the Building fund for the Director's
house.

Very truly yours,



Cashier.

HLW/

UNIVERSITY OF CALIFORNIA

COMPTROLLER'S OFFICE

132134

9-13-1913

Berkeley, Cal.,

191

Received from **M**

Miss P. B. Scripps
Tom Howard

DOLLARS

Appointment Secretary Letter Fee		Non-Resident Fee	
Astronomy Fee		Physics Fee for Summer School	
Botany Fee		Rent	
Changing Course		Special Examination Fee	
Civil Engineering Fee		Summer Session Fee	
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Delay Registration Fee		Tonnage Tax	
Gymnasium and Infirmary Fee		<i>Building fund</i>	<i>4000-</i>
Gymnasium Suit		<i>for Director's</i>	
Insecticides License		<i>House -</i>	
Military Uniform Fee		<i>Scripps Marine</i>	
Mineralogy Fee		<i>Civil Station fund</i>	

THE COMPTROLLER OF THE UNIVERSITY

[Signature]

Per

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 SAN DIEGO, CAL.

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TO CREDIT OF

Biological Station Fund

10/8

3
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Currency,					
Checks,		2	5	0	0

Jupp
 DUPLICATE
 TELLER

UNIVERSITY OF CALIFORNIA
OFFICE OF THE SECRETARY

Berkeley, October 15, 1913.

My dear Miss Scripps:

At a meeting of the Regents on October 14 it was reported that you had made a gift of \$4000 for the building of a Director's House at the Scripps Institution for Biological Research. I was instructed to convey to you the thanks voted by the Board.

Very sincerely yours,

W. A. Henderson
Secretary of the Regents.

Miss Ellen B. Scripps,
La Jolla,
California.

THE SCRIPPS INSTITUTION FOR BIOLOGICAL RESEARCH
OF THE
UNIVERSITY OF CALIFORNIA

LOCATED AT LA JOLLA
NEAR
SAN DIEGO, CALIFORNIA

LA JOLLA, CALIFORNIA,

Nov. 2nd 1913.

Miss. Ellen Scripps,
La Jolla, Cal.

My dear Miss. Scripps:

Enclosed find the various letters that will take care of the action of the Local Board of the Scripps Institution. The sum of Six Thousand Dollars was voted for the carrying on of the Improvement Work to be segregated as follows:

Library Fund	\$5,000.00
Publication Fund to Maint. Fund	<u>1,000.00</u>
Total	\$6,000.00

Yours sincerely,

JULIUS WANGENHEIM, PRESIDENT

CAPITAL \$ 500,000.00
SURPLUS \$ 200,000.00

MILTON H. EPSTEIN, CASHIER

COMMERCIAL

TRUST

SAVINGS

Bank of Commerce and Trust Company

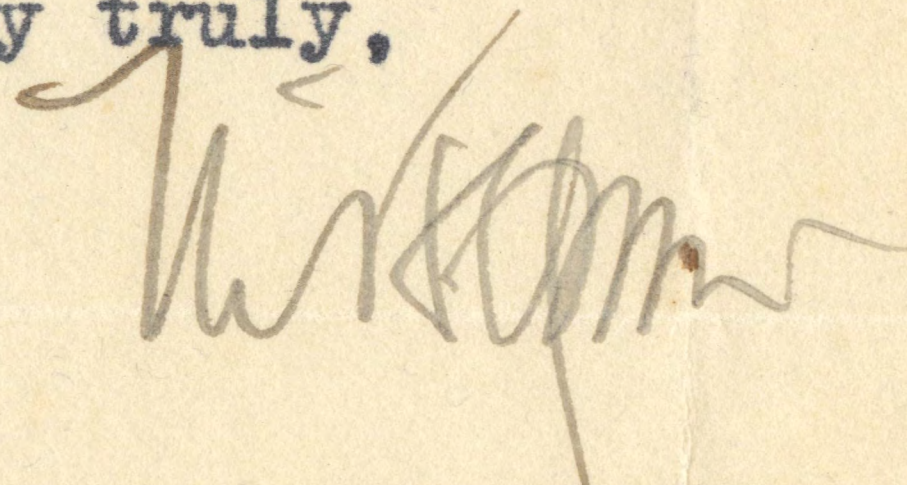
of San Diego, California

December 3, 1913.

Miss E. B. Scripps,
La Jolla, California.
Dear Madam,

As requested in your
letter of the 2nd instant, we have
today remitted \$6000. to the Comptroller
of the University of California, and
charged ^{same} to the account of the E. B.
Scripps Marine Biological Station fund.

Yours very truly,



Cashier.

~~E-A.~~

DEPOSITED IN THE

BANK OF COMMERCE AND TRUST COMPANY

SAN DIEGO, CAL.

By mail

TO CREDIT OF

Scuppernon Nurseries and Station Fund

DEC 8 1913

191

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BANK OF COMMERCE AND TRUST COMPANY

SAN DIEGO, CAL.

By *Mail*

TO CREDIT OF

Biological Fund
11/8/13

191

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<i>Currency</i>				
<i>Checks</i>			<i>7500</i>	

Guerrero
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TELEGRAPH

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