

PLEASE ADDRESS ALL COMMUNICATIONS TO THE COMPTROLLER

UNIVERSITY OF CALIFORNIA

OFFICE OF THE COMPTROLLER

RALPH P. MERRITT, COMPTROLLER
ROBERT G. SPROUL,
ASSISTANT TO THE COMPTROLLER

H. E. GIBSON, ACCOUNTANT
N. HOVEY, PURCHASING AGENT
H. B. FOSTER, ENGINEER

Berkeley, Cal., Jan. 17, 1916.

Miss Ellen B. Scripps,
La Jolla, California.

Dear Madam:

We acknowledge with thanks your check for
\$750.00, being a contribution towards the salary of
Professor Ritter and maintenance of the Marine
Biological Station at San Diego.

Yours very truly,

R. G. Sproul

THE SCRIPPS INSTITUTION FOR BIOLOGICAL RESEARCH
OF THE
UNIVERSITY OF CALIFORNIA

LOCATED AT LA JOLLA
NEAR
SAN DIEGO, CALIFORNIA

LA JOLLA, CALIFORNIA,

January 24, 1916.

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

Dear Miss Scripps:

A meeting of the Board of Directors of the
Scripps Institution for Biological Research has been called
for Friday 10 A. M., January 29th, Library Building, Scripps
Institution, La Jolla.

Truly yours,

W. C. Caudall

Secretary.

THE SCRIPPS INSTITUTION FOR BIOLOGICAL RESEARCH
OF THE
UNIVERSITY OF CALIFORNIA

LOCATED AT LA JOLLA
NEAR
SAN DIEGO, CALIFORNIA

LA JOLLA, CALIFORNIA,

February 16, 1916.

Mr. Ralph P. Merritt, Comptroller,
University of California,
Berkeley, California.

My dear Mr. Merritt:

The following contracts have been entered into through
Mr. Crandall:

Library Building. Contract price, \$17928.00. The building to be a two story re-inforced concrete building, with tiled curtain walls and wooden roof and one-half basement. The contractors are Winters and Nicholson of San Diego, California, who have given bond in the sum of \$9000.00, for the faithful performance of the work according to the plans and specifications made by Wheeler and Halley, Architects, San Diego, California, and under the agreement entered into between the Regents of the University and myself.

Contract with the Library Bureau, McKee and Hughes, Distributors, Los Angeles, California, for the installation of Library Stacks and partial mezzanine floor to be installed in the new Library Building for the sum of \$2014.00. Bond in the amount of \$1007.00 has been given for the faithful performance of this work.

I am also expecting to do through day labor, a Club House and several permanent living houses for the staff.

Since last communicating with you, I have constructed an Aquarium Building, a Garage, a Service Building and three box Cottages upon the grounds and these are now being used by the

THE SCRIPPS INSTITUTION FOR BIOLOGICAL RESEARCH
OF THE
UNIVERSITY OF CALIFORNIA

LOCATED AT LA JOLLA
NEAR
SAN DIEGO, CALIFORNIA

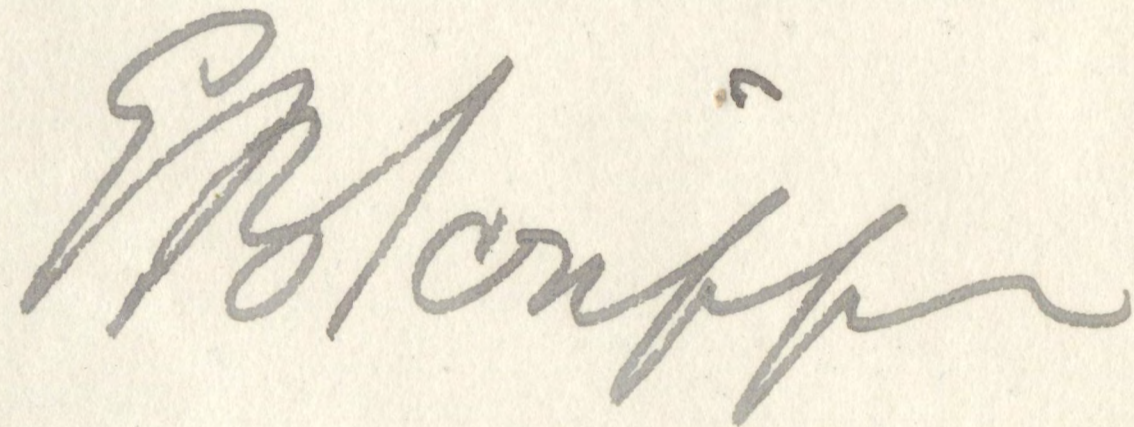
LA JOLLA, CALIFORNIA,

R.P.M. #2. 2/16/16

staff of the Scripps Institution. These improvements total an expenditure of approximately \$7000.00.

Trusting that these improvements meet with your approval, I am,

Respectfully yours,



WCC:K

PLEASE ADDRESS ALL COMMUNICATIONS TO THE COMPTROLLER

UNIVERSITY OF CALIFORNIA
OFFICE OF THE COMPTROLLER

RALPH P. MERRITT, COMPTROLLER
ROBERT G. SPROUL,
ASSISTANT TO THE COMPTROLLER

H. E. GIBSON, ACCOUNTANT
N. HOVEY, PURCHASING AGENT
H. B. FOSTER, ENGINEER

Berkeley, Cal., Feb. 16, 1916.

Miss Ellen B. Scripps,
La Jolla, California.

Dear Madam:

We acknowledge with thanks your check
for \$750.00,,being a contribution towards the salary
of Professor Ritter and maintenance of Marine Biological
Station at San Diego.

Yours very truly,

R. G. Sproul

LMR

PLEASE ADDRESS ALL COMMUNICATIONS TO THE COMPTROLLER

UNIVERSITY OF CALIFORNIA
OFFICE OF THE COMPTROLLER

RALPH P. MERRITT, COMPTROLLER
ROBERT G. SPROUL,
ASSISTANT TO THE COMPTROLLER

H. E. GIBSON, ACCOUNTANT
N. HOVEY, PURCHASING AGENT
H. B. FOSTER, ENGINEER

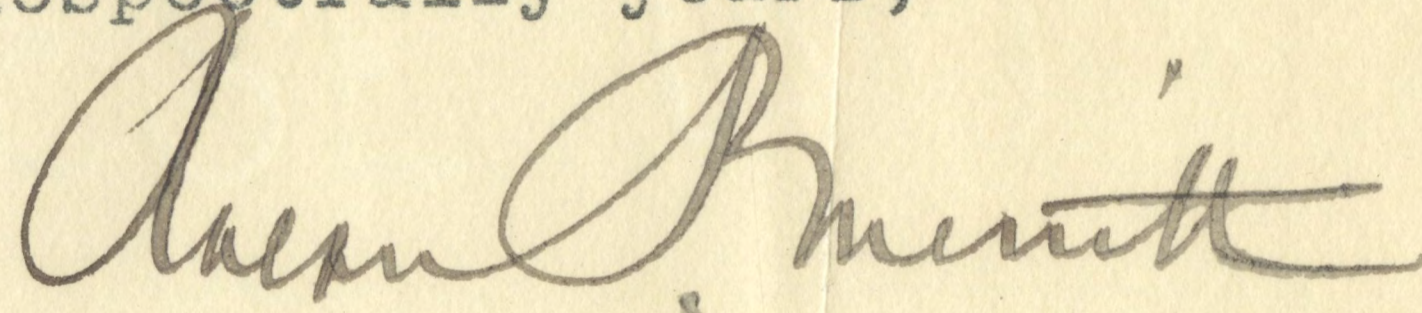
Berkeley, February 21, 1916.

My dear Miss Scripps:

I want to acknowledge your kind letter of February 16th giving us information in regard to the contracts which have been entered into on your behalf by Mr. Crandall for the buildings and equipment at the Scripps Institution for Biological Research.

I should be very happy to report these matters to the Regents at their next meeting.

Respectfully yours,



Miss Ellen B. Scripps,
La Jolla,
Cal.

E

PLEASE ADDRESS ALL COMMUNICATIONS TO THE COMPTROLLER

UNIVERSITY OF CALIFORNIA

OFFICE OF THE COMPTROLLER

RALPH P. MERRITT, COMPTROLLER
ROBERT G. SPROUL,
ASSISTANT TO THE COMPTROLLER

H. E. GIBSON, ACCOUNTANT
N. HOVEY, PURCHASING AGENT
H. B. FOSTER, ENGINEER

Berkeley, Cal., Mar. 10, 1916.

Miss Ellen B. Scripps,
La Jolla, California.

Dear Madam:

We acknowledge with thanks
your check for \$750.00, being a donation
towards the salary of Professor Ritter
and maintenance of the Marine Biological
Station at San Diego.

Yours very truly,

R. G. Sproul.

LMR

UNIVERSITY OF CALIFORNIA
OFFICE OF THE SECRETARY OF THE REGENTS

Berkeley, March 16, 1916.

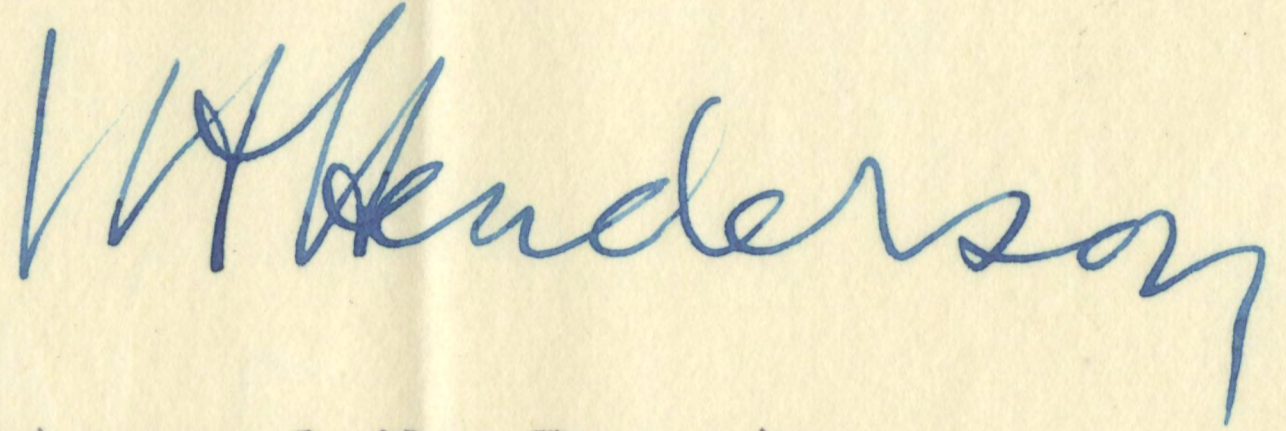
My dear Miss Scripps:

At a meeting of the Regents of the University of California on March 14, 1916, the Board had the pleasure of learning of your kindness in arranging for the execution, through Mr. Crandall, of contracts for additional work at the Scripps Institution for Biological Research, the cost to be defrayed from your gift, including the construction of the library building in reinforced concrete at a cost of \$17,928, and the installation by the Library Bureau of library stacks and a partial mezzanine floor at a cost of \$2014. It was reported to the Regents also that you have recently completed the construction of an aquarium building, the garage, the service building, and three cottages on the grounds and that it is your intention to erect, through day labor, a Club House and several permanent living houses for the staff.

I was instructed to convey to you the thanks voted by the Board and this expression of their great appreciation. The plans for the Summer Assembly in Science are arousing much interest among

friends of biological science. The progress and development of the Scripps Institution is a matter of pride and pleasure to the University of California.

Very truly yours,

A handwritten signature in blue ink, appearing to read "W. Henderson". The signature is written in a cursive style with a large initial "W".

Secretary of the Regents.

Miss Ellen B. Scripps,
La Jolla, California.

E. W. SCRIPPS
MIRAMAR, SAN DIEGO COUNTY
CALIFORNIA



Mr. William E. Ritter,

Scripps Institute for Biological Research,

La Jolla, Calif.

E. W. SCRIPPS

MIRAMAR, SAN DIEGO COUNTY, CALIFORNIA

Miramar, Calif., April 4th, 1916.

Prof. Wm. E. Ritter,
Director of the Local Board of Control,
Scripps Institute for Biological Research,
La Jolla, Calif.

Gentlemen:-

Miss. Ellen B. Scripps has asked me to do what I can to correct the false impression concerning her relations with the institute under your control. This false impression on your part and on the part of the public consists of the idea that she is the promoter, founder, and supporter of The Scripps Institute.

In order to clear up the situation at the beginning of things so that my subsequent statements can be better understood, I must briefly relate a few incidents that have historical bearing on this case.

As a working woman - school teacher, working journalist, and later, as part owner and director of several newspaper corporations - Miss. Scripps obtained a considerable competence, by her own efforts, prior to the year 1900, which was also her sixty-fourth year. At that time her brother, George H. Scripps, died, having bequeathed to her a part of his fortune, her part amounting to some \$600,000.00 in value.

Having no necessity or desire to use any part of this fortune or income from the same, and having, on account of her age, ~~to~~ retire^d from active business, by a sort of tacit agreement, she assigned to me the responsibility of managing this estate which she had inherited from her brother and permitting^{ed} the profits deriving therefrom for several years to accumulate.

I was so fortunate and successful in the discharge of

my responsibilities as to cause a rapid increase in the value of the property she had inherited and hence an equally rapid increase in the accumulation of profits.

After several years Miss. Scripps found herself in possession of a largely increased fortune and a great accumulation of savings. The latter had become so large as to be a matter of embarrassment to herself and some inconvenience to me, so that, finally, it became necessary to discover some means of disbursing present accumulations as well as future revenue.

From the first Miss. Scripps had considered herself as a mere steward or trustee of the inheritance which she considered only nominally her own. It had been, from the first, her intention to make such disposal, temporarily and finally, of her inheritance as would be consistent with the views and character of her deceased brother.

George H. Scripps had decided views on some subjects, such as charity and religion. In a sort of crude way he had always given evidence of a scientific turn of mind. He had a strong inclination to ⁹⁺ ~~B~~iology.

At the time when the subject of the distribution of her accumulations was being actively discussed by ~~she~~ ^{her} and myself, Messrs. Ritter and Kofoid, members of the faculty of the University of California, appeared in San Diego and were making an effort to found in this place a biological research station.

I suggested to Miss. Scripps that possibly this enterprise might afford the opportunity she was seeking. She agreed with me that such an investment of her dead brother's funds would be entirely consistent with his character and inclination, providing only that considerable dependence could be placed upon the future good business management of the undertaking.

Having no great knowledge of the subject of biology and this

department of science not being the department of greatest interest to me, I, nevertheless, felt that I could co-operate in the successful establishment of the institution and its subsequent direction.

As the project itself was ^{is} consistent with the character of the brother from whom she had inherited the money, and as the plan had been ~~prompted~~ ^{approved} by the other brother who had been and who was still successfully administering the inheritance, and further, as the latter, in the natural order of events, was to be one of her own heirs, Miss. Scripps adopted the plan which has been since carried on, namely, the establishment and conduct of the Scripps Institute for Biological Research.

Miss. Ellen B. Scripps does not, therefore, consider herself, and does not desire to be considered, as the ~~natural~~ ^{actual} founder of the institution. She desires to be considered only as the trustee of her deceased brother - as the agent through whose hands passes the funds that form the bulk of the foundation of the institution being directed by yourselves.

Such funds as I have devoted to the same ^{institution} ends, personally, have originated from ^{to} alike source ^{of} those that ^{have} pass through Miss. Scripps' hands. ^{to you.} All of these funds have ^{been} derived from my brother George from whom I received an inheritance similar to that of Miss. Scripps.

It would be most acceptable to Miss. Scripps and to myself to have it generally understood and thoroughly well realized that the founders of The Scripps Institute ^{ion} for Biological Research were, first, George H. Scripps, deceased April 15th, 1900, and second, the ~~staff~~ ^{staff} headed by the present director, W. E. Ritter, ~~and the gentlemen associated with him, the staff of the institution,~~ ^{who govern} and the local governing board of the same.

It is more than probable that you gentlemen will find it difficult to clearly understand the principal distinction that Miss. Scripps makes in her own mind on this subject, and it will be equally difficult for you to recognize her aversion to bearing the responsibility and the reputation of being the founder of so worthy an enterprise. But you will

be better able to do so when you consider that any sort of a responsibility is a burden. It will also, perhaps, be possible for you to conceive that a reputation, especially when it is undeserved, for altruism and generosity, when coupled with an unduly exaggerated idea of a fortune owned, must be a considerable embarrassment.

Miss. Scripps feels - and to a certain extent I share the same feeling - that one who is reckoned a patron of the science is justly held to assume to be a scientist himself: Miss. Scripps is guilty of no such assumption. She has simply performed, to the best of her ability, what she considers to be her duty as a steward, trustee, or agent of another. Her disposition is such and her sensitiveness is of ~~that~~ ^{such} character as to cause her to feel considerable pain and mortification whenever she is made the recipient of complimentary words or actions based on insufficient grounds or no grounds at all.

Yours sincerely,

E. W. SCRIPPS.

P. S. - Although considerably younger than Miss. Scripps, I feel too old and too infirm in strength to longer bear the responsibility as the agent and adviser of Miss. Scripps and even to give full consideration to my own personal affairs. For the immediate future I expect that Mr. Jacob C. Harper, who has been for thirty-three years associated with us, will largely represent both Miss. Scripps and myself in ~~the~~ ^{our} ~~relation~~ ^{with} ~~of~~ the Scripps Institute for Biological Research ~~and many other~~ ~~important affairs.~~

E. W. S.

Biological

Miramar, Calif., April 8th, 1916.

Dr. Robert Pollock,
Watts Building,
San Diego, Calif.

My dear Doctor:-

I have read your secretarial report of the doings of the Medical Library Association.

It occurs to me that I might make a small contribution - hence the enclosed check.

I suppose you will want the MS of your report returned. However, I will keep it for a few days longer.

I have small doubt but that, on account of your inborn enthusiasm for works of public service, you would be an acceptable and even valuable member of the board of local control of The Scripps Institution for Biological Research if the headquarters of that institution were located so that, without too great inconvenience and expense of time, you could cooperate with us. However, I want our people to see something of you and you to see something of them before we go further into that matter.

Perfunctory memberships are always drags on all sorts of associations. I have submitted to solicitation for such memberships frequently for no other reason than that of giving a small financial support to institutions that I generally approved of. It is a customary way of raising money.

The Scripps Institution does not want to raise money. The only thing it stands in need of is the personal attention and services of men and women who are both sympathetic and as intelligent as they are industrious.

I may see you by appointment before this letter reaches you. So long as I feel so comfortable as I do, I am loth to do anything to cause me to think of or even remember my past anxieties.

Yours sincerely, E. W. SCRIPPS.

PLEASE ADDRESS ALL COMMUNICATIONS TO THE COMPTROLLER

UNIVERSITY OF CALIFORNIA
OFFICE OF THE COMPTROLLER

RALPH P. MERRITT, COMPTROLLER
ROBERT G. SPROUL,
ASSISTANT TO THE COMPTROLLER

H. E. GIBSON, ACCOUNTANT
N. HOVEY, PURCHASING AGENT
H. B. FOSTER, ENGINEER

Berkeley, Cal., Apr. 11, 1916.

Miss Ellen B. Scripps,
La Jolla, California.

Dear Madam:

We acknowledge with thanks
your check for \$750.00, being a contri-
bution towards the salary of Professor
Ritter and maintenance of the Marine
Biological Station at San Diego.

Yours very truly,

R. G. Sproul

LMR

THE SCRIPPS INSTITUTION FOR BIOLOGICAL RESEARCH
OF THE
UNIVERSITY OF CALIFORNIA

LOCATED AT LA JOLLA
NEAR
SAN DIEGO, CALIFORNIA

LA JOLLA, CALIFORNIA,

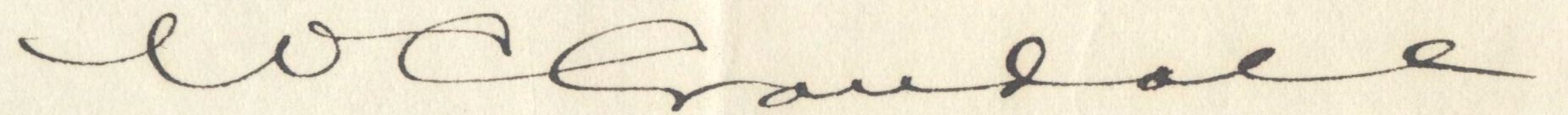
April 13, 1916.

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

Dear Miss Scripps:

A called meeting, by the President of the Local Board of Directors of the Scripps Institution for Biological Research will be held in the library of the Scripps Institution for Biological Research on Tuesday, April 18th, at 2:30 P. M.

Very truly yours,



Secretary.

PLEASE ADDRESS ALL COMMUNICATIONS TO THE COMPTROLLER

UNIVERSITY OF CALIFORNIA

OFFICE OF THE COMPTROLLER

RALPH P. MERRITT, COMPTROLLER
ROBERT G. SPROUL,
ASSISTANT TO THE COMPTROLLER

H. E. GIBSON, ACCOUNTANT
N. HOVEY, PURCHASING AGENT
H. B. FOSTER, ENGINEER

Berkeley, Cal., May 8, 1916.

Miss Ellen B. Scripps,

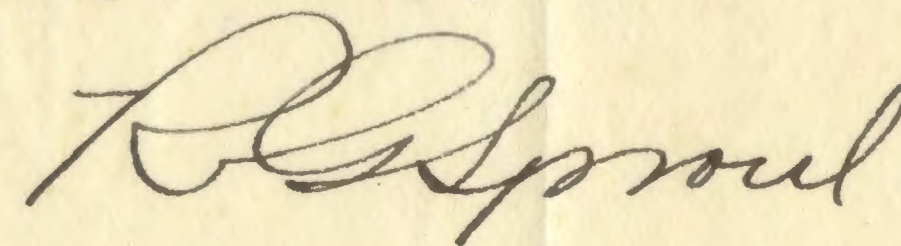
La Jolla, Cal.

Dear Madam:

We acknowledge with thanks your check for \$750.00, being a contribution towards the salary of Professor Ritter and the maintenance of the Marine Biological Station at San Diego.

Yours very truly,

LMR



Biological

Miramar, Calif., May 13th, 1916.

Mr. Chas. R. Crane,
Woods Hole, Mass.

My dear Mr. Crane:-

Yours of the 6th inst., at hand.

I regret your disappointment in the Harpers Weekly incident. However, I am glad that that publication will no longer be a source of expense to you. Whatever might be said in criticism of Mr. Hapgood, I have become convinced that no other man could ever be successful in the establishment of a journal whose appeal was to such a limited class.

Some time this summer, in August I think, the staff of the Scripps Institution for Biological Research intends to have some dedicatory ceremony. At that time there will be present in San-Diego a large number of members of The Association for The Advancement of Science.

Prof. Ritter has several times suggested to me the idea of inviting both you and Prof. Lilly to come and see us. I think that he especially desires Prof. Lilly to become personally acquainted with our institution for the purpose of securing more intimate relations and cooperation with your Woods Hole Institution. I told him that I thought you would consider that the attendance of such a dedication as this would be a bore. However, I am here inviting you and Professor and Mrs. Bradley to visit us at La Jolla and Miramar this summer. I leave it to Prof. Ritter to take up the matter of inviting Prof. Lilly.

Yours sincerely,

B. F. SCRIPPS.

San Diego, Calif.

June 16 1916.

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 Scripps Institution for Biological Research, for the year beginning July 1, 1916; the same to be paid in monthly installments and to be conditioned on no debts being incurred and expenses rigidly kept within income.

Sincerely,

J. C. Harper

Approved:

E. B. Scripps

UNIVERSITY OF CALIFORNIA

ASSEMBLY IN SCIENCE

AT THE

SCRIPPS INSTITUTION FOR BIOLOGICAL RESEARCH

June 25 to August 5, 1916

LA JOLLA, CALIFORNIA

During the summer of 1916 it is proposed to try the experiment at the Scripps Institution of an Assembly in Science to continue six weeks. While the experiment will have particularly in view the needs of teachers of the biological sciences and physical geography in the secondary schools, it will be open, subject to the limited accommodations, to anybody in position to profit by the work that will be carried on.

Two distinct types of work will be tried. First: The visitors will be given opportunity to increase their knowledge in the provinces of nature that are being specially investigated at the Institution. This work will be in the hands of the research members of the staff, each dealing with facts and problems pertaining to his own field of research. The second type of work will have in view an increase in the visitors' knowledge of the marine fauna of the California coast, and of the physical features of the local coastal region. The members of the Institution who have charge of the boat work and general collecting, and of the aquaria and museum, will lead in this part of the undertaking. The biological studies here will be chiefly taxonomic and ecological.

COURSES

1. **Local Coastal Physical Geography:** W. C. Crandall, Lectures and Discussions. Monday, Wednesday, Friday, 10 a. m.
2. **Physical Oceanography, including some of its relations to Meteorology:** G. F. McEwen, Lectures, Conferences and Demonstrations. Tuesday, 2 p. m.
3. **Some of the Messages of Marine Biology to Student and Teacher:** E. L. Michael, Lectures, Conferences and Demonstrations. Wednesday, 2 p. m.
4. **Studies on the Characteristic Marine Fauna and Flora of Southern California:** W. C. Crandall and P. S. Barnhart, Lectures, followed by laboratory, museum and field work; arrangements to be made with small groups. Monday, Tuesday, Wednesday, Thursday, Friday, 8 a. m.
5. **Heredity, Environment and Adaptation:** F. B. Sumner, Lectures, Conferences and Demonstrations. Thursday, 2 p. m.
6. **The Relation of Biology to the Sciences of Man:** W. E. Ritter, Lectures, Conferences and Assigned Readings. Friday, 2 p. m.

While this schedule indicates the formal plan to be followed, it is hoped much will be done by personal conference. Any one sufficiently advanced to undertake research, and desirous of trying a piece of work in collaboration with one of the investigators will be given every encouragement and assistance. No examinations, grade marks, or credits, will be given, the assumption being that desire for knowledge is the controlling motive of all who participate in the Assembly.

FACILITIES

LOCATION

The Institution is located two miles north of the village of La Jolla, and fifteen miles north of the City of San Diego. Both Institution and village are within the corporate limits of San Diego, which continues to be an Exposition City during 1916, combining its present exposition with many exhibits shown in San Francisco during 1915. San Diego may be reached by the Santa Fe Railroad, or by the steamers of the Pacific Navigation Company and the Pacific Coast Steamship Company. La Jolla is reached by the La Jolla line, a local railroad; and the laboratory itself by auto bus provided by the Institution.

The Institution property has an ocean frontage of half a mile. The littoral zone in the San Diego region is diversified into rocky tide pools, rich in animal life, representing practically all the phyla; extensive mud flats with an abundant fauna peculiar to this kind of environment; sandy beaches offering opportunities for some kinds of collecting and for surf bathing; precipitous cliffs, cut by canyons and caves; and detached reefs accessible at low tide. The well-equipped modern laboratory and its location within easy reach of rich collecting grounds for littoral, pelagic, and bottom-dwelling animals, offer exceptional opportunities for field and laboratory studies in biology and oceanography.

LABORATORY

The laboratory building consists of a two-story structure, fifty by seventy-five feet, which contains twelve private investigators' rooms each accommodating two workers; and a large aquarium room for researches calling for more aquarial space than is furnished by the individual research rooms. The museum and library are now housed in this building, but these will be moved to more commodious quarters in a new two-story concrete building now in course of construction and to be completed before the opening of the Assembly. The investigators' rooms on the first floor are provided with concrete and plate glass aquaria which are supplied with sea-water secured by means of an electric motor pump at the outer end of a one-thousand-foot concrete pier; that is, from beyond the surf zone, purity of the water being thus assured.

Besides the two concrete buildings already mentioned, there are a number of wooden ones. One of these is the public aquarium, containing nineteen cement tanks with plate glass fronts; another is the garage; a third the service house; and a fourth the bath house. The reagent, apparatus, dark, and shop rooms are amply stocked for the ordinary needs of biological workers.

LIBRARY

This fundamental part of the Institution is reaching a high degree of efficiency. Its bound volumes exceed 5000, and its pamphlets exceed 8000. It is a subscriber to many of the principal journals in its field; and many periodicals, and Institution and Government Series are represented by complete files. The cards of the Concillium Bibliographicum constitute a welcome feature to the investigator; and thorough cataloging of the assembled literature makes the material quickly available.

MUSEUM

No thought is entertained of developing a general zoological museum at La Jolla; but the research and educational aims of the Institution call for as complete a representative display of the marine fauna of this part of the Pacific as is practicable and of such other biological matter as is included in the Institution's program. Such a museum is being gradually created and the exhibits already installed should be highly useful in connection with the proposed Assembly.

Some phases of the oceanographic researches are susceptible of being facilitated in themselves and made generally educative by being represented through various mechanical and graphic devices. A collection of this sort is accordingly being built up and should be specially advantageous to teachers of physical geography.

BOATS AND OTHER EQUIPMENT FOR WORK AT SEA

The *Alexander Agassiz*, 85 feet over all, and 15 tons register, is the Institution's chief boat. She is equipped with a large assortment of apparatus for biological and oceanographic investigation and will be used for both illustrative and actual work at times during the Assembly. One, and probably two, small power boats and several row boats will be available. These boats and the wharf, which will afford numerous facilities for observation and experimentation, make possible an extensive range of practical studies on the ocean and its life.

REGISTRATION AND FEES

The visitors should first consult with the scientific director as to what they would like to do. They should then make the necessary arrangements with the business office and after this enroll in the office of the scientific director.

A stated fee will not be charged those who participate in the laboratory and other practical work, but each visitor of this class will be expected to deposit \$10 in the business office. Against this amount charges will be made to cover the direct outlay incurred by the Institution on the visitor's behalf. Should the deposit not be used up, the balance will be returned at the close of the Assembly.

At the option of those who conduct the courses, persons not living on the Institution grounds who may wish to listen to the talks and participate in the discussions and use the laboratory, may do so on payment to the business manager at the rate of \$3 for each course.

LIVING FACILITIES AND EXPENSES

Provision for both meals and lodging will be made by the Institution. Meals will be furnished at the Institution club house; and platform tents will be the chief sleeping quarters. The club house will provide baths and the toilets, sitting room, reading room, and opportunities for social intercourse and entertainments. \$12 a week will be the price of board and lodging, including service. A few of the cottages on the grounds will probably, though not certainly, be available for visitors who may prefer to keep house.

Automobile service, with frequent trips to La Jolla, is maintained by the Institution. The fare is 5 cents for regular trips and 25 cents for special trips.

Those who expect to do the laboratory-museum work should provide themselves with hand lens, simple dissecting tools, and drawing materials. Microscopes and all other laboratory equipment will be furnished by the Institution; but those who expect to carry on special microscopic studies and who have instruments of their own would do well to bring them.

Although there will be no reduced railroad and steamer rates to and from San Diego for the special benefit of those attending the Assembly, Exposition and Coronado excursion rates may be expected, and should be taken advantage of by those coming to La Jolla.

GENERAL PRINCIPLES GUIDING THE EDUCATION EXPERIMENT NOW TO BE TRIED

The Scripps Institution is being developed on the theory that endowed research in "pure science" is absolutely essential to continued progress in civilization. In a democratic country like ours, practice in accordance with this theory involves two things: First, provision for investigation; and second, definite measures to disseminate the fruits of investigation as widely as possible among the people. This two-fold relation between the community and institutions of scientific investigation, seems not to have been seen clearly enough either by the public or by men of science.

The research members of the Institution regard their positions not so much in the light of privileges to be enjoyed, as opportunities and obligations to serve the public. Hitherto the conditions of development of the Institution have not been such as to warrant undertaking anything very definite toward a general dissemination of the technical knowledge in which the Institution's activities lie. Now, however, that the funds and facilities are so considerably increased through the new gifts by the investors (as Miss Scripps and Mr. Scripps prefer to be called), and from the State of California, the Local Board of Management has, with the sanction of the Regents of the University, decided to try this plan as one means of discharging the Institution's educational obligations to the community. During the period set apart for the Assembly, the entire time of the staff taking part in the meetings, excepting such as may be imperatively demanded by certain aspects of their experimental work, will be at the disposition of the visitors.

While eager to try this experiment, the Local Board yet feel constrained to invite special attention to the following considerations: As stated above the research members of the Institution recognize a two-fold obligation resting upon them. But because of the well known fact that scientific research is exceedingly time-consuming—so much so that an investigator may need hardly more than a few hours to present in popular form, the essentials of a year's work, it follows that if a man holding a professedly research position puts himself unreservedly for a few weeks each year at the service of learners, he is doing all that is possible without serious interference with his whole duty. When, consequently, our research men insist that the ten and a half months of the year left after deducting the month and a half to be devoted to visitors shall be sacred to their investigations, this is to be understood as meaning that only by this division of time can their highest effectiveness to the general good be secured.

SPECIAL

Those who think of attending the Assembly are earnestly asked to notify the scientific director at the earliest possible moment. This request is made in order that the management may have early information as to how many visitors must be provided for.

WM. E. RITTER, Scientific Director.

La Jolla, California.

PLEASE ADDRESS ALL COMMUNICATIONS TO THE COMPTROLLER

UNIVERSITY OF CALIFORNIA

OFFICE OF THE COMPTROLLER

RALPH P. MERRITT, COMPTROLLER
ROBERT G. SPROUL,
ASSISTANT TO THE COMPTROLLER

H. E. GIBSON, ACCOUNTANT
N. HOVEY, PURCHASING AGENT
H. B. FOSTER, ENGINEER

Berkeley, Cal., July 10, 1916.

Miss Ellen B. Scripps,

La Jolla, California.

Dear Madam:

We acknowledge with thanks your check for \$750.00, being a contribution towards the salary of Professor Ritter and maintenance of the Marine Biological Station at San Diego.

Yours very truly,

LMR

R. G. Sproul.

	Com. & Trust.	So. Tr. & Sav.	Savings Bank.	Totals.
Salary,	100. (Crandall)	1200.	(Crandall (Computer (Janitor)	1300.
Univ. Crandall Sal. 2700.				
Balance 4000.	7822.01			7822.01
Interest 1122.01				
Pier,	38075.55	1110.26	33.34	39219.15
Library	15510.41	2125.99		17636.40
Houses,	15554.39	8487.29		24041.68
Club Ho. Com & Tr. 2496.96 So. Tr. 1387.03				3883.99
Camp. 230.37 354.73				585.10
Commons. 29.59 190.69				220.28
Cot. 13-14 1058.31 648.30				1706.61
Cot. 15. 135.62 490.54				626.16
Cottages. 11603.54 5416.00				17019.54
	<u>15554.39</u>	<u>8487.29</u>		
Lib.-Mus. Equip.	2274.13	180.30	150. (Movie)	2604.43
Lib.-Mus. Sal.				
Lib. 927.50				
Mus. 91.63		1019.13		1019.13
Teachers Equip.	1432.22			1432.22
Auto	600.		921.75	1521.75
Pub.	54.87	450.00		504.87
Aquarium.	1002.62	820.55	280.52	2103.69
Aquarium caretaker,		33.33		33.33
Pier & Pump Exp.		113.50		113.50
Service			Windows 32.88	
Service Ho. 332.38		636.88-	Tank 220.65	969.26
Garage 499.85		354.52	Incl.	854.37
Dir. Ho. 85.00				85.00
	\$83,343.43	\$16,531.75	\$1,385.61	
Southern Trust & Sav. Bank,	16,000.00			
	<u>99,343.43</u>			

Receipts.

Bank of Commerce & Trust.

\$100,000.00 Donation Fund.

Int.

Sundry.

July, 1915. Balance, Savings Bank,	32,903.07			
" 7,	4,166.67	4,166.67		
Aug. 2,	126.79		126.79	
Sept. 2,	61.27		61.27	
Aug. 2,	4,166.66	4,166.66		
Oct. 1,	53.90		53.90	
Nov. 30, Cancelled Chk.	20.00			20.00
Oct. 8,	4,166.67	4,166.67		
" "	4,166.67	4,166.67		
Nov. 1	48.98		48.97	
" 8	4,166.66	4,166.66		
Dec. 2	65.17		65.17	
"	4,166.67	4,166.67		
Jan. 5.	60.61		60.61	
" 10.	4,166.67	4,166.67		
Feb. 3,	61.87		61.87	
" 11,	4,166.66	4,166.66		
Mar. 7,	4,166.67	4,166.67		
Mar. 30, Piles,	151.36			151.36
Apr. 3.	52.21		52.21	
" 5.	4,166.67	4,166.67		
" "	50.64		50.64	
" 29.	46.61		46.61	
May 3.	47.27		47.27	
" 12.	55.		55.	
" 9,	4,166.66	4,166.66		
" 25. Camp. 104.25, Lumber 12.50	116.75			116.75
" 31.	30.35			30.35
June 7,	4,166.66	4,166.66		
" 5, Camp.	54.25			54.25
" 8, Camp. 59.75, Lumber 9.85	69.60			69.60
" 15, Camp,	29.25			29.25
" "	7.50			7.50
" " Pier,	350.			350.00
" 20.	10,000.00	10,000.00		
"	4,166.67	4,166.67		
"	81.72			81.72
	<u>98,710.82</u>	<u>64,166.66</u>	<u>730.31</u>	<u>910.78</u>
Receipts				
Expenditures	<u>99,343.43</u>	Overdrawn - \$632.61		

Receipts.

Southern Trust and Savings Bank.

July 1,	Com. & Tr.	Bank,	500.
" 26,	"	"	500.
Aug. 2,	"	"	500.
" 30	"	"	500.
Sept. 3,	"	"	500.
Oct. 2,	"	"	500.
Nov. 1	"	"	500.
" 18	"	"	500.
Dec. 1	"	"	1000.
" 15.	"	"	500.
" 22	Library,		485.17
Feb. 1,	Com. & Tr.	"	500.
" 14.	"	"	500.
Mar. 2.	"	"	500.
" 28	"	"	500.
Apr. 10			500.
" 15			500.
" 28			500.
May 6			1000.
" 15			1000.
" 26			500.
June 2,			1000.
" 14.			1500.
" 28			1000.00
July 6			500.
" 7			500.

Total, 16,485.17

Expenditures-16,531.75

Overdrawn - 46.58

72

~~EBL 3~~

315 EB

San Diego, Calif.

June 24 1916.

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 Scripps Institution for Biological Research, for the year beginning July 1, 1916; the same to be paid in monthly installments and to be conditioned on no debts being incurred and expenses rigidly kept within income.

Sincerely,

J. C. Harter

Approved:

EB Scripps

A

A

PLEASE ADDRESS ALL COMMUNICATIONS TO THE COMPTROLLER

UNIVERSITY OF CALIFORNIA

OFFICE OF THE COMPTROLLER

RALPH P. MERRITT, COMPTROLLER
ROBERT G. SPROUL,
ASSISTANT TO THE COMPTROLLER

H. E. GIBSON, ACCOUNTANT
N. HOVEY, PURCHASING AGENT
H. B. FOSTER, ENGINEER

Berkeley, Cal., Aug. 9, 1916.

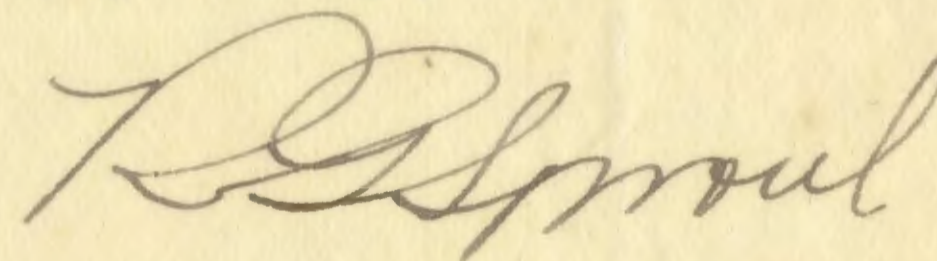
Miss Ellen B. Scripps,

La Jolla, California.

Dear Madam:

We acknowledge with thanks your
check for \$750.00, being a contribution towards
the salary of Professor Ritter and maintenance
of the Marine Biological Station at San Diego.

Yours very truly,



LMR

Pier Fund.

Paid. 11,000 original 60,000
Paid. 24,000 " 1,000,000 budget
3,000 additional promised by Miss Scripps
Paid — 350.00 Mercereau - Bridges Const. Co
Paid 920.00 Mr. E. W. Scripps.

\$ 39,270.00

39,219.15

50.85 unexpended bal. Pier Fund.

San Diego, Calif.

August 8, 1916.

Mr. F. Yindrock,
Cincinnati, Ohio.

Dear Mr. Yindrock:

Issue a check on my cash account, in favor of J. C. Harper, for \$20.50, to repay money advanced by him June 30th to W. C. Crandall, being amount paid by Crandall to men connected with the Biological Station for services in putting out the fire at Torrey Pines Monday night June 5, 1916, as per attached voucher.

ELLEN B. SCRIPPS

By J. C. Harper
Her Attorney-in-fact

cc to EBS

PLEASE ADDRESS ALL COMMUNICATIONS TO THE COMPTROLLER

RALPH P. MERRITT, COMPTROLLER
ROBERT G. SPROUL,
ASSISTANT TO THE COMPTROLLER

UNIVERSITY OF CALIFORNIA
OFFICE OF THE COMPTROLLER

H. E. GIBSON, ACCOUNTANT
N. HOVEY, PURCHASING AGENT
H. B. FOSTER, ENGINEER

Berkeley, Cal., Sept. 11, 1916.

Miss Ellen B. Scripps,

La Jolla, California.

Dear Madam:

We acknowledge with thanks
your check for \$750.00, being a donation
towards the salary of Professor Ritter
and the maintenance of the Marine Biological
Station at San Diego.

Yours very truly,

R. G. Sproul
R.

LMR

Broderick

Miramar, Calif.
Aug. 23, 1916.

Messrs. W. E. Ritter and W. C. Crandall,
Scripps Institution of Biology,
La Jolla, Calif.

Gentlemen:

I call your attention to the issue of Science of August 18th.

In it appears an article by G. W. Field on the subject "The Necessity for Biological Bases for Legislation, and Practice in the Fisheries Industries."

Following this article, is the continuation of a previous article concerning "Grants for Scientific Research," in which appears mention of the Scripps Institution.

I suggest that a sufficient number of copies of this issue of Science be obtained, so that one copy can be placed in the hands of every State Senator and Assemblyman of the next Legislature. Other copies should be provided for the Governor and the Board of Control and other state officers interested, and a few copies more to replace those that may be mislaid and unread before the receiver's attention will be called to the subject.

The article should be marked with a blue pencil, and on the face, or title page of the publication should be written: "See such and such pages."

It would also be well to get a number of copies if possible of the Sun, containing the article that Porterfield wrote, so that this also could be placed in the hands of the members of Legislature.

Accompanying and enclosed in the same envelope with the publication, should be a letter signed autographically by Ritter or Crandall, setting forth additional facts that the Legislature and other parties should be informed of, and the desire of the institution to obtain from the Legislature

(EWS to WER and WCC #2 Aug. 23/16)

an annual grant of \$50,000, or some other sum.

A brief statement should be made of what you desire to do with such an appropriation.

A further paragraph should be added stating that it is the intention, or at least the desire of the undersigned, to have a personal interview with the Legislature at the earliest possible moment.

I think that for the average Legislator, the two principal points that would appeal to him, would be, first; the economic gain that might accrue to the State from the result of the research work, and

Second; that the glory and good fame of the State would be enhanced by its shown progressive attitude in the matter of taking an advanced position in the field of science.

Mark the item of the second article referring to the Scripps Institution, and then call attention to the fact that this item shows California has an enviable position amongst the states, at least comparatively already in the amount of money it has invested in research work.

Yours sincerely,

E. W. SCRIPPS

Oct. 6, 1916.

for an addition to our Institution in the way of a sociological laboratory -- the field of economics is perhaps the largest part of the field sociology.

In another department of my activities, Journalism, I have even already begun the development of research work in practical economics, Mr. Basil Manly, whom you may have heard of as Secretary of the Industrial Commission headed by Mr. Frank P. Walsh, is devoting his attention, exclusively, to this work. The immediate end we have in view is to discover by our own investigation the actual condition of that part of the national income which should contribute to the national income tax; in order to present our evidence to the Treasury Department and to the United States Congress.

It is my intention; possibly during my life-time and if not, by bequest; to provide for the establishment, in union with our Biological Institution, of a sociological research laboratory.

I feel it is probable that a conference between yourself, Professor Ritter and myself might be helpful in the prosecution of our designs.

On behalf of the Scripps Institution, I wish to invite you to come to San Diego to be my guest at Miramar for one or several days. We will be glad not only to pay your expenses, but to compensate you for the time and attention you give us.

I presume that you are so occupied with your duties that you are not free to choose your own time. I have between this date and the 27th of this month, time perfectly free to give to the affairs of the Scripps Institution. At this time, too, Professor Ritter and I are devoting our thoughts to the future development of the Institution.

Yours sincerely,

E. W. SCRIPPS.

PLEASE ADDRESS ALL COMMUNICATIONS TO THE COMPTROLLER

RALPH P. MERRITT, COMPTROLLER
ROBERT G. SPROUL,
ASSISTANT TO THE COMPTROLLER

UNIVERSITY OF CALIFORNIA
OFFICE OF THE COMPTROLLER

H. E. GIBSON, ACCOUNTANT
N. HOVEY, PURCHASING AGENT
H. B. FOSTER, ENGINEER

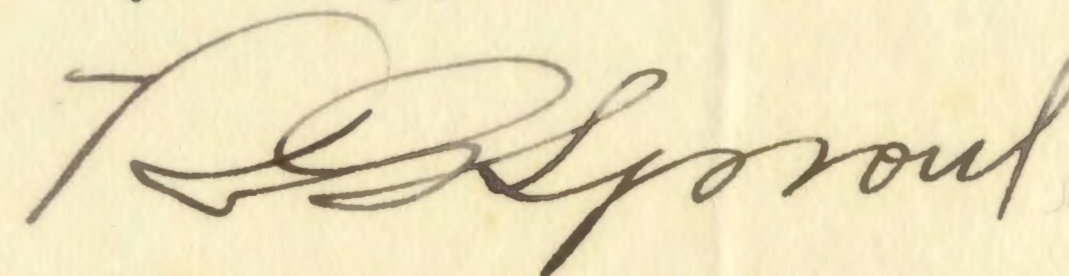
Berkeley, Cal., October 9, 1916.

Miss Ellen B. Scripps,
La Jolla, California.

Dear Madam:

We acknowledge with thanks
your check for \$750.00, being a contribu-
tion towards the salary of Professor Ritter
and maintenance of the Marine Biological
Station at San Diego.

Yours very truly,



LMR

La Jolla, Cal., October 21 1916.

Mr. J. C. Harper,
San Diego, California.

After the payments to the Scripps
Institution for Biological Research on account of the
One hundred thousand Dollar, (\$100,000.00), Fund are com-
pleted, I direct you to pay it the sum of Three thousand
Dollars, (\$3,000.00) additional.

This is the amount that I authorize
for lengthening the pier.

(Signed) Ellen B. Scripps

Approved

PLEASE ADDRESS ALL COMMUNICATIONS TO THE COMPTROLLER

UNIVERSITY OF CALIFORNIA

OFFICE OF THE COMPTROLLER

RALPH P. MERRITT, COMPTROLLER
ROBERT G. SPROUL,
ASSISTANT TO THE COMPTROLLER

H. E. GIBSON, ACCOUNTANT
N. HOVEY, PURCHASING AGENT
H. B. FOSTER, ENGINEER

Berkeley, Cal., Nov. 9, 1916.

Miss Ellen B. Scripps,

La Jolla, California.

Dear Madam:

We acknowledge with thanks
your check for \$750.00, being a contribu-
tion towards the salary of Professor Ritter
and maintenance of the Marine Biological
Station at San Diego.

Yours very truly,

R. G. Sproul

LMR

THE SCRIPPS INSTITUTION
FOR
BIOLOGICAL RESEARCH
LA JOLLA, CALIFORNIA

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,

Dec. 4, 1916.

My dear Miss Scripps,-

I was not sure from our little conversation the other day about Mr. Patchard's pictures just what part I am to play in the "deal," but took it for granted that I was to decide whether or not any of them should be bought, and then, perhaps, to make the selections, the decision of how many should be taken, or what ~~amount~~^{comes} to the same thing, the amount of ~~two~~ to be expended on them, resting with you.

Any way, ~~it~~ would be some what embarrassing for me to have to decide how much money you shall spend in this way, I will put the matter in this form: Mr. Patchard himself feels that three of them, the two fishes ~~are~~ and the anemones ~~are~~ ought to go together. Now these are the three I should select were that number to be decided upon. But to avoid seeming to urge you to take more than you think you ought to, I will designate my preferences among these three. Were only one to be taken I should select the Chaetodon fish. Were two only to be taken, the

(over)

two fish ones would be chosen, the anemone one
being the third choice.

I agree with Mr. Pritchard that the three
together make a particularly good set. At the
same time I do not want to appear in the light
of a dictator to any extent as to the amount
you shall spend.

In conclusion I would mention the views
I hold as to the significance of works of art for
~~in relation to the educating of people on at~~
its ~~an~~ understanding nature. My note to Mr.
Pritchard, a copy of which I handed you, touched
one very important aspect of this.

Very sincerely yours,

Wm. S. Pitter.

December 1, 1916.

My dear Mr. Pritchard:

I want to tell you how much I personally enjoyed your lecture the other evening, and something, too, of how I estimate it educationally.

I have told you several times my notion that artists and scientists are really fellow workers in the interpretation of nature. Let me amplify this now by a single sentence. I look upon the fine arts, poetry, music, drama, painting, sculpture, as nature's intermediary between science with its cloddish materialism and severe, cold intellectualism, and religion with its constant tendency to run into selfish, and, so far as the world at large is concerned, impotent mysticism.

Consequently simple, direct talks like this of yours, about the methods and materials used by both artists and men of science, are a high public service. The people of the United States in particular need a thousand times more such service than they get. I wish everybody in the United States could see your under water pictures and hear you talk about making them.

Yours sincerely,

WER/FT

PLEASE ADDRESS ALL COMMUNICATIONS TO THE COMPTROLLER

UNIVERSITY OF CALIFORNIA

OFFICE OF THE COMPTROLLER

RALPH P. MERRITT, COMPTROLLER

ROBERT G. SPROUL,

ASSISTANT TO THE COMPTROLLER

H. E. GIBSON, ACCOUNTANT

N. HOVEY, PURCHASING AGENT

H. B. FOSTER, ENGINEER

Berkeley, Cal., Dec. 6, 1916.

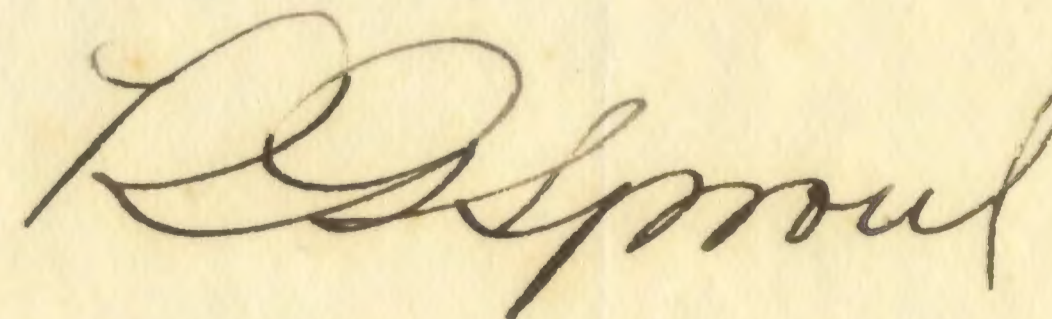
Miss Ellen B. Scripps,

La Jolla, California.

Dear Madam:

We acknowledge with thanks your check for \$750.00, being a donation towards the salary of Professor Ritter and maintenance of the Marine Biological Station at San Diego.

Yours very truly,



LMR