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The Hunt Institute for Botanical Documentation, a research division of Carnegie Mellon University, specializes in the history of botany and all aspects of plant science and serves the international scientific community through research and documentation. To this end, the Institute acquires and maintains authoritative collections of books, plant images, manuscripts, portraits and data files, and provides publications and other modes of information service. The Institute meets the reference needs of botanists, biologists, historians, conservationists, librarians, bibliographers and the public at large, especially those concerned with any aspect of the North American flora.

Hunt Institute was dedicated in 1961 as the Rachel McMasters Miller Hunt Botanical Library, an international center for bibliographical research and service in the interests of botany and horticulture, as well as a center for the study of all aspects of the history of the plant sciences. By 1971 the Library's activities had so diversified that the name was changed to Hunt Institute for Botanical Documentation. Growth in collections and research projects led to the establishment of four programmatic departments: Archives, Art, Bibliography and the Library.

Wm. Randolph Taylor

UNIVERSITY OF PENNSYLVANIA
PHILADELPHIA
THE COLLEGE

BOTANY

6/28/24

(Boy Tongass
2nd)

Dear Fogg:

Too bad you are not here: the climate would
suit you to perfection. In the sun it goes up to 120-130-
even toward 140°F, and I believe you could even get along
without a sweater (if exercising). Yet in the laboratory it
has never gotten over 92°F, and at night it is about 80° or
even a bit lower, and all the time, nearly, a strong wind
blows from the east. I have yet to be uncomfortable, thanks
to the wind & the unconventional attire. I don't doubt there
may come days when the air is dead & the heat is really
a burden but have had none so far. For a person who
dislikes hot weather as much as I do this is quite a favorable
report!

All the plants on the islands seem new to me, but
most of the vegetation is artificially induced. The only trees
are Coconuts & Casuarina & Carica - which ^{are} ^{not} ^{bad} ^{eating} ^{and}
barring eggs the only terrestrial foodstuff the islands produce.
Over in the fort there are Cocolobas of tree size, & Phoenix &
what they call buttonwood (*Conocarpus?*). A big grass grows
over the shore areas & the main vegetation is *Opuntia*,
Journefortia & Bay Cedar. Around the laboratories under
the Coco palms are numbers of *Agaves*, *Yuccas*, *Synedrella*,
& *Portulaca* & some smaller *Euphorbiads* etc. Thanks to

Cerchrus one can't go anywhere off the paths & tidal beach without shoes & so I've done little land botanizing. Spend half of each day collecting or working on the flora of a given sea area either by partial immersion or total submergence with diving hood. I can't get used to the darn sharks. Most are the same nurse shark, but we have seen several more uncertainly described species. Few days ago was working up to shoulders when thru glass-bottomed bucket I began to see a great big shark swim along-side & around. After several yards had passed & tail appeared I tried to decide by shape if it was a nurse, but too ragged. I had begun to get over towards skiff anyway.

So far have about 110 algae slated with more or less certain names & some I cannot identify, esp. mixophyceae. I suppose hardly 10 could be had at Woods Hole. They are not on the whole very beautiful in the field, for if exposed to the light they are pale buff in color, and are usually almost buried in calcareous mud. But in very shallow waters the *Halimnias*, *Pantelopus* *Pennellia* species are rather attractive. Photographing at a low ebb. Have used only my small camera. Because of heat & the necessity of conserving fresh water I have done little developing & no printing except a few blue prints. We hope each night for another shower, & occasionally get one & fill up the tanks. Water temperature in sea delightful: I can soak for 2 hrs at a stretch with pleasure, but do little swimming with the crowd because it lacks novelty after said 2 hrs soak. Here now are Tenney (Br. 2.), Schaeffer (late Tenney, now Kansas), Morgulis (S. Dakota) C. V. Taylor (Michigan, late Calif.) Longley & myself, with a Yale ^{grad} student as collector & general assistant. He comes from Lebanon Valley College. Give my regards to Helobesia, Sandy & s.w. (Tell Olga to let Emerson study hard!)

Taylor

UNIVERSITY OF PENNSYLVANIA
PHILADELPHIA

THE COLLEGE

BOTANY

Dear Jack:

June 7, 1925

Expect a "Special" mail to go off by
Revenue Cutter tomorrow. So write to report progress.
Have my Keweenaw driers going quite well in spite of
fact corrugated driers failed to appear & have to use
chunks of "board boxes" split free of one face.
All odd sizes: hard to fit things up. But have pers
them one loading of phanerogams & will fill with
another as soon as press of work on algae permit.
Had a big day of collecting at Key West - about
50-60 species, some new to me. A few new records
for *Zostera* already also, & much data on things

I only got glimpses of last season. Good crowd
here altogether, six investigators & 1 "investigator -
artist - assistant". Name Valentine - Woods Hole's
asst to ^{Calvin}. Good fellows.

Reminds me to the Bothab group from
Miss Cockett I am thoroughly tinted with (icic Acid).
In fact, most of us are!

Randolph Taylor

to Fagg

MARINE BIOLOGICAL LABORATORY
DRY TORTUGAS
FLORIDA

June 5, 1926

Dear Jack:

I am enclosing a copy of a list which I compiled from Bowman's ecological paper on Tortugas. I found on examining it that he did not have any single comprehensive list, and also that he did not state that he had listed the entire flora for each of the islands. But I strongly suspect that he included everything that he knew anything about, just the same. You will notice that he does not have either Halodule or Ruppia. I have some of the material in fruit, and tho in poor condition it suggests the former genus in spite that the leaves are too broad for the one listed by Britton. I was very fortunate the other day to be on the reef and find Thalassia in full flower: I would not have thought that the dwarfed plants in shallow water would have flowered, but rather those in deep water; the ♂ plants were quite pretty, stellate, rather pinkish, but the ♀ were very scarce and inconspicuous. This is the first time I have found it blooming.

I have done a little collecting of algae, getting two or three new records, but mostly simply checking over old data and filling out my descriptions. Today I took out an instrument designed to give information about the transparency of the water: it worked well, altho ~~the~~^{it} hopped about a lot in a heavy swell. I made several measurements, and then, after stopping at the Fort for some material, trolled homeward hoping to secure a barracuda. They are biting famously this year, and several good sized ones have come in; one up to 5 feet. I always hook such big ones that they rip the tackle to bits. After losing two hooks I finally got a small one of something over 3 feet just before we tied up at the home wharf. But it broke my hoodoo and provided bait for tomorrow.

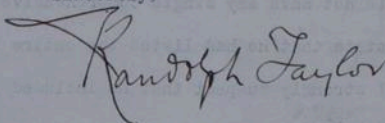
There is hope that a revenue cutter may come down tomorrow, and if so, this letter will get to you rather speedily. Otherwise, will hang

THE NATIONAL BUREAU OF PLANT
INDUSTRY
WASHINGTON, D. C.

about for a week.

Regards to all, and watch out for a batch of stuff mailed up
to Woods Hole at the end of next week.

Sincerely,



June 17th, 1926.

Asst. Prof. Wm. Randolph Taylor,
Marine Biological Laboratory,
Dry Tortugas, Florida.

Dear Randolph:

I have put off writing you for some time in the hope each day that word would arrive from Dr. Small, to whom I sent your aquatics for identification. I can wait no longer if I want to be sure of reaching you, and even this may be too late. If any word arrives I shall forward it poste-haste, meanwhile do you collect all the material in sight and we'll see what happens. I too suspect Halodule.

So you found Thalassia in flower. The next thing, now, is to collect some of those Agaves and Aloes which are noted on H. Bowman's list. And what can have become of Lepidium virginicum? I suspect you have collected it all for seasoning the soup into a real B.C. virility.

F. Bowman has not shown up here yet, altho I expected him today. We plan to leave here on Monday, the 21st, and take 4 days to drive to Woods Hole, going by way of Peekskill, N.Y.

Definite data have come thru from Fernald re the Newfoundland trip. We are to leave from Quebec August 28th, and go by a slow steamer down the St. Lawrence, rounding the Gaspé, and arriving in Nfld. after about a week's run. It seems that we shall get about 3 full weeks on the island, working mostly around the Bay of Islands and Port aux Basques. Sounds great.

I had a fine trip down into southern Delaware over the 15th and 16th. We got right into the Taxodium swamps where, but for the absence of Mangroves, I could easily fancy myself back in Florida. The pneumatophores were in many places waist-high. Collecting was fine. Visited Rehoboth as well.

Our 3-day trip to Conowingo over Memorial Day was most successful. I saw Lepidium and collected more Walking Fern than I ever dreamt existed. Much of that region will be totally submerged when the P.E. dam goes thru in about five year's time. We should concentrate there and collect copiously.

Things are very quiet at the Dept. I'm the only one who comes in. The sole excitement is a "boy-bob" which Miss Clark has accumulated unto herself.

Looking forward to seeing you in 2 weeks,

40 539
OCTOBER 30, 1927

Dray Jack

It seems as if I can't get time to write any letters this fall- can't get them out after British Columbia. But I am due to report on that trip, so here goes with a monthly broadcast.

We got off to Toronto without any complications. No time to visit about town, since we took the PRR instead of the EWR, and had only a couple of hours before the boat train. The trip across the lakes on the "Keowatin" was pleasant but uneventful. Landis, joining us in Toronto, seemed to enjoy it. Had satisfactory accommodations on the train from Ft. William, too, and we enjoyed housekeeping on wheels very much. Got off for a couple of hours at Winnipeg and saw the town till midnight. On arrival at Calgary we were all set to enjoy the scenery as we went into the mountains, but it got steadily cloudier, and was pretty rainy when we got to Golden. Saw Mr. Wilkinson (Asst Postmaster) and got mail, also went to church- new Curate- and to the Wilkinson's to talk over the events of the past two years and drink coffee. Part of the ceremonial on arrival, and very essential. Monday extremely active: secured a Customs man, and had my duffie bag of equipment inspected. Put in long lists of provisions and hardware at various stores. Changed clothes, packed away city things, got all stuff to LL on train, and the three of us- Jean, Gene and myself- off to Bear Creek. On arrival, packed our stuff all up to the Ranger's cabin. He was away, preparing to give up his job, but back before dark. We spent 2 nights there, with a walk inbetween, and then he helped us up to Bald Mountain with our stuff. We made the trip in a day: Gene Landis helped Cummings, I had a small pack and Jean traveled free, but well tired before arrival. Had to make a one-night stand below our maincamp, for Cummings, ahead, could not find the place, but Thursday we were back home, everything in good shape. The 1925 cache in a tree was perfectly all right, and we used sugar and other things from it. Gene went up Copperstain that afternoon, but Jean and I made our camp unshaped. Next day we all went for a long walk across and down Bald Mountain below the 1925 range, and saw things pretty well: some clouds, and Sir Donald never came out. After that it began to sleet, with snow flurries. Gene had to go down to Golden for new shoes- his collapsed- Sunday, and saw Dr. Jacobs, who was to arrive about the next Wednesday at camp. Sunday (Jean and I worked on our lakes, but it was bleak and snowy. The following days were worse, and Dr. J. did not arrive by Thursday. Friday I went down trail to the flats, without finding trace of him. Bumped into a bear in a berry patch, but blew my police whistle and the traffic jam cleared promptly. Back the same day, pretty weary, and chilled by a gale over the Pass. Saturday Gene went down to the railroad, while Jean and I went after the lakes again (Sunday). Gene was back when we reached camp, with word that Dr. J. had been called back to Mrs. J. at the hospital at Banff, and would not join us.

The weather got increasingly frigid. From about Wednesday of the week after arrival he snow never melted, and was added to regularly at night, or even most of the day. Night after night the tent would have 3 inches on the fly, and as it was wet, I had to get out and dig it off with the axe about 2 am to prevent a collapse. The tent weighed about 7 pounds- the snow nearer 70 ~~111~~ each night. Landis had to sleep under the tree where our campfire was located, as his tent did not keep him dry. We had no trouble getting wood, tho it was wet work, but with the wind and all there was no fun in going far from camp. Landis went up Copperstain when it was well encroached and got some pictures, but found it bad going down, falling, rolling or sliding most of the way, and rather come up. Jean and I went up the ridge of Bald M. and got some nice snow pictures from there. We almost stuck it out to the end, but Landis had to get away before Jean and I, and we broke camp a couple of days early, leaving in a blizzard with 8 inches of packed snow on the level. Met another bear in the pass on the way out. Left a cache of about 100 pounds, also 24 slices of bacon and 5 lbs butter, a very sad

parting. I got enough material from my pet lakes to fill out the gaps, covering one small group of 3 that I had omitted before, and adjusting the maps of all, with better measurements and compass readings. But I could not go further down the valley of the ~~the~~ Spilliamacheon to stony lowland conditions, which would have been desirable. On the way out stayed one night in Pete Burgenham's cabin on the lower Grizzly, without any visitors. Did no fishing, but Landis had had some when he visited the place on the earlier trips. Parted company at Connaught, & when Landis started East, and Jean and I went west to Glacier. The storekeeper vacated his bedroom so we could sleep one night there, and we saw the old hotel (condemned) and got up almost to the glacier. ~~That night~~ That night ate supper with the trailmakers at the ranger's camp, and next morning breakfast with the CPR yardmen at the railroad bunkhouse. Walked up to the Cougar (Makima) caves with a little food: the caretaker let us sleep in a (closed) tea-house, where we had lots of blankets. Dined our meals on his stove, and ate with him and his 2 helpers. We say Cougar Lake etc- the upper valley very fine. Went thru all the caves: very steep, a series of potholes, mostly mechanically cut out, not solution-action- almost no stalactites. Quite amazing, even to Jean, proud of the Virginia product. They are being opened out by Stevenson, the guard, with 2 helpers: wooden ladders and stairs, use acetylene lamps, etc. Weather at Glacier fine. Came down to railroad third day, back to Golden, to a rain. Stayed over Sunday, resting and packing up for return. On to Field, where we stayed 2 nights and went up to Burgess Pass, getting some view of Baker Lake thru clouds, and President Range. Rained, & I was much under weather. On to Lake Louise, and stayed at YMCA, much improved and very nice. Jean went up to Victoria glacier foot, but I could only make Valley of Peace, the picking up. Weather good, Pt. St., some new snow. On to Banff, again at YMCA, bigger, also good. Took drive in car all afternoon around wide circle, splendid acquaintanceship with district, clear, gale, cold. Mountains bare and uninteresting, compared to the Selkirk, but impressive otherwise. I did quite a bit of collecting at Glacier, but hardly any at Lake or Banff or Field. I had checked our baggage thru to Banff, so was able to have it examined by U.S. Customs there and put thru to Phila in bond, saving much trouble. Came back by r.r. around n. of Lake Superior: beautiful trip, terrible bunch in car first day, after that heavenly calm, and without a flaw. Spent day seeing Toronto and University, with talk with Dr. Fauli, head of Botany there. Home, to find everything very nice, and soon settled down.

The B.C. material- nearly 70 vials- has all been studied, and all the Bald Mountain lakes and streams rewritten to accord with new data. I have still to write up reports on the other areas, adding the information from the 1921 and 1923 trips, and then prepare the list of species and appropriate notes. Should be able to get thru easily by Christmas. Do not know when Mann and Carter will get thru their sections on diatoms and desmids.

I finally have received- and returned a fortnight ago- the last of the Florida volume galley. It had to wait till the Yearbook had been edited- should have page proof soon. 120 strips, minus index. I saw second proofs of most or all of the 37 plates before I left for the West.

I finished the manuscript for the Microtechnic book- botany section- before I left Woods Hole. Indications are that the publication will be considerably delayed, as I suspect Dr. McClung will not want to bother much with it while on his trip abroad.

I got to work mounting up Waldo Schmitt's South American algae as soon as I got back, and have some splendid specimens. He sent some of it

in bottles, but the best in 2 five gallon sealed kerosene tins, the most productive from the East Falkland Island area in the Antarctic. I have not yet been able to number the specimens, but suspect 200 items, some in 5-plicate. One shipment yet to arrive. I secured 4 or 5 large museum jars of Eisenias, Durvillinas, etc. Also received the last of the U.S. Haveler Expedition algae from Dodge, and sorted out about 125 numbers from it to add to those already in hand. Will be able to get some nice records from the lots, I think. Certainly some fine things for my collection.

No other news of general nature. I fancy, so will descend to direct communication.

Last night the building got steamed: a valve obstruction in the greenhouse, & steam came up thru the first passage into the hot bldg & saturated first floor: ruined the paint (further) & messed things up. All ceiling dropped thruout day.

B. Long's father died a few days ago: quite an article in paper. Classes here as usual. Staff at MBL for next summer still incomplete. Has Bailey replaced Jeffries or are there 2 Profs of Plant Anat in diff depts? Hope the former. What is done re Dodge? Regards to all friends at Cambridge: glad to hear you are enjoying it: see Irene n d then, & your father last week down town. Glick here now. I got Hygienes at Golden last summer. No word from Bowmans. Hope to hear of your habits &c. before new long. Jacobs to supply remind B.P. at 3454 tonight. Regards Jean & self &c. Samuel H. Taylor

From Fogg

40 Shepard St.
Cambridge, Mass.

November 22, 1927.
The Fernalds' sake to keep him there. The Fernalds' sake to keep him there. The Fernalds' sake to keep him there.

Dear Randolph: I surely enjoyed heartily yours of October 30th, with its account of the western trip. I think you cannot blame me when I say that I am right glad I made the acquaintance of the Selkirks in 1925 instead of 1927 - and that for other than purely botanical reasons. Funny, the week before your letter came I had been busting myself fixing into an album my pictures of the trip of two years ago, which somehow I had never seemed to find time for mounting before. So, the details of the whole thing were more clearly than ever stamped on my mind and I derived added enjoyment from your letter.

What puzzles me is how in the mischief you managed to get any work done at all. It must have been pretty dismal. (I have wondered what would have happened if Bowman had made good his threat to take Beano out there this summer.) I am glad to hear of your copious collectings and look forward to a grand little old report on the whole business. You surely should be able to draw some pretty cogent conclusions now as to the relationships of your flora, but am right keen to see how it's going to check up with other regions of a similar nature in different parts of the world.

Dr. Baull's daughter, Anna, is working here at Gray Herb. on a monograph of Epilobium, and ten minutes after your letter arrived I read her that part of it which told of your visit to Toronto. She was duly impressed.

Dodge I see occasionally. He is doing some teaching, not much, and spends most of his time correcting proof on his book. Bailey is a next door neighbor of mine here on Shepard St., spends all his time out at Bussey, and, so far as I can learn, does not cramp Jeff's style in the slightest degree. Nobody has much of a good word to say for him, in fact, except Weston - look upon him as a politician, not a botanist.

My own work is going along in fine shape, altho with many interruptions. I am constantly stumbling into genera which need critical revision and the temptation to linger by the wayside and have a closer look at things is well-nigh irresistible, e.g., I spent the better part of a week not long ago just fooling around in Danthonia, and I really mean to come back to it later. Our present treatment of the spicata-compressa series is simply ridiculous, in the light of a good representation, and there is a nice little piece of work there I'm certain. Then, Fernald and I are tacking Linonium together, for it, too, needs re-defining, and so it goes.

to Edward G. ...
told Fernald that you had Glück down there and he
said to tell you for Heaven's sake to keep him there. The
old boy is certainly not popular in these parts.

This certainly is one glorious place to work and I do
wish you could see your way clear to getting up here your-
self. Scarcely a day passes that I do not find cause to
rejoice all over again at my decision to come this way, and
even now I begin to see that the year will be all too short.
I expect to be in Philadelphia the end of this week, and
if you are around I shall look in on you for a chat. Mean-
while my best wishes for progress and my heartiest regards
to the whole thing were more clearly than ever stamped
on my mind and I am most sincerely

What puzzles me is how in the month you men-
tioned to get your work done at all. It must have been pretty
difficult. I have wondered what would have happened if Brown
had made good his threat to take Brown out here this summer.
I am glad to hear of your copious collections and look forward
to a grand little report on the whole business. You surely
do not forget to mention when I see you, G. A. Weatherby is
getting much interested in Grand Manan - spent last summer
collecting there, in fact, and wants to publish a pretty com-
plete account of the flora there. I told him I'd find out
if you had any Phanerogamic records which might perhaps be of
interest in a general report. Think it over.

Gray kept on a monograph of Aspidopteryx and ten minutes after
your letter arrived I read her that part of it which told
of your visit to Toronto. She was duly impressed.
Nobody I see occasionally. He is doing some teach-
ing, not much, and spends most of his time correcting proof on
his book. Bailey is a next door neighbor of mine here on
Shpherd St., spends all his time out at Hursey, and so far as
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ago just fooling around in Aspidopteryx, and I really mean to come
back to it later. Our present treatment of the Aspidopteryx
series is simply ridiculous, in the light of a good representa-
tion, and there is a nice little piece of work there I'm certain.
Then Fernald and I are looking Aspidopteryx together, for it, too,
needs re-defining, and so it goes.

to Fagg

UNIVERSITY OF PENNSYLVANIA
PHILADELPHIA
THE COLLEGE

BOTANY

April 14, 1928

Dear Jack:

I am returning your list: many thanks. I have put dots in front of the names of people to whom I ordinarily send reprints: the rest are not in my file, but I kept a transcript anyway. No more news. I was sorry not to have some time with you, but was really very busy getting out a list of Brazil algae, that I needed for immediate use. It meant spending most of my time at the Academy library for a week. Boyer the diatomist is dead, you may have heard.

Regards,
Randolph Taylor ✓

to Fagg

UNIVERSITY OF PENNSYLVANIA
PHILADELPHIA

THE COLLEGE

BOTANY

April 21, 1928

Dear Jack:

I think that lagging of chromosomes is evidence of some physiological defect in the plant in question, but not necessarily best attributed to hybrid origin. Various other things might cause it: a mutation might produce a tetraploid state, and so set up a disturbance which might best be quieted by the elimination of certain chromosomes that are incompatible in the 4-times dose. It is not possible to give objections not in part open to counter-arguments, etc. So many ways they could be made to lag.

I have enough reprints of the Newfoundland note to lay aside for the Contributions: if they ever get action on them. I have been agitating the matter recently. Also enough for my next mailing batch and a few to spare, probably. If you run short I can probably help out. Nothing needed about Wood's Hole that I know of: regards to MacNaught, Veeder, Gray & Biscoe. I have notified Joe about the Tortugas aquatics. No sign of them as yet.

Randolph Taylor

to Fogg

UNIVERSITY OF PENNSYLVANIA
PHILADELPHIA
THE COLLEGE

BOTANY

Dear Jack:

Thanks for your letter-card. More reprints greatly to be desired & the 25 copies would help out the U-P set immensely. My B.C. paper still held up by Jack Cattell's organization. Promised by 31st however.

Ivan & I expect to be in Boston for the 18-19th June via Merchant's & Miner's from Norfolk. Perhaps you will be here instead! Then to W.H. - Course conservatively full, but we need 30th. Lewis has left for Tortugas. I suppose you know Probst Smith & Noguera are dead! All quiet here now.

Sent 25 June 1st

Randolph Dyer

Dr. Wm. Randolph Taylor,
Dept. of Botany,
University of Michigan,
Ann Arbor, Mich.

Nov. 3, 1931.

Dear Randolph:

I was very sorry to have missed seeing you when you were in town last and even sorrier to learn, upon my return from Europe, of your recent loss. Please know that you have my very deepest sympathy, which is all, at such times, that anyone can say or do.

Enclosed you will find a few algae which I am submitting for your examination. They represent further collections made by Horace Richards in the course of his dredgings off the Jersey coast. I have looked over and named most of his stuff, but would very much like your judgment on these few things. Dredged material presents certain abnormalities with which I am unfamiliar. Some of them are easy enough and are sent for your own collection, if you care to have them: the 12 cards which are loose are duplicates and Horace says to keep them if you wish; the 9 cards and one loose specimen in the envelope are single collections and he would like to have them back, for the present at least. I have encouraged Horace to condense the introduction of the account of these algae which he wrote for you two years ago, and to submit it to *Bartonia* along with a check-list of the forms collected. This he has done and as soon as your list of corroborations is received he will turn his paper over to Pennell. In replying it will be sufficient to mention the station number which appears on each card.

I hope that this is not asking too much of you at a busy time. I hope also that you and Jean are enjoying life in the Middle West and that I do not have the misfortune to miss both or either of you on your next visit to these parts. Helen joins me in best wishes to you both.

Sincerely yours,

H. H. BARTLETT
S. M. DAVIS
C. H. KAUFFMAN (ON LEAVE)
J. B. POLLOCK
E. B. MAINS
W. R. TAYLOR
W. W. TUPPER

UNIVERSITY OF MICHIGAN
ANN ARBOR
DEPARTMENT OF BOTANY

J. H. EHLERS
C. D. LA RUE
F. G. GUSTAFSON
D. V. BAXTER
L. E. WEHMEYER
C. A. ARNOLD
K. L. JONES

November 28, 1931

Dear Fogg:

I have been over Richards algae and report: 127, *Enteromorpha clathrata*; 114, *Chaetomorpha Linum*; 143, 145, *Arthrocladia villosa*; 128, 116, *Basya peicellata*; 125, *Chondria Baileyana*; 196, *Polysiphonia Harveyi*; 124, *Gracilaria lacunculata* (Vahl) Howe. The others I return, either determined or marked indeterminable by me; in addition 184 seems to be *Cladophora brachyclada* or *C. utricularia*, *fronds rather than Carillon form.* and is the only specimen of probable interest.

I think that Richards should either stop collecting algae for determination or else prepare decent specimens. This doing detective work on a few mangled filaments is not science. If the plant is abundant enough to be a significant ecological element he has enough of it at hand to make a good mount. If not, he has no need for the information. I cannot see that he has any right to expect for his specimens painstaking and expert effort on your part and mine, unless he first does his part well. Inconvenience on the trips is no excuse, so long as he expects to use the information to his own glory (?) and publish it. Let him get his accumulations off his chest in a *Bartonia* note, well abbreviated, and then retire. Put some good, energetic student to work on the coast, and begin the job anew and properly. I will be glad to help. I spent much of last spring on similarly prepared Haitian material, and have a few hundred numbers of Jamaican yet to go, so am sensitized in the matter.

There is little new to report here. I like the place more and more as time goes by; permanently settled in my own home, and enjoying it; laboratory equipment now about complete, in a style that Penn zoology could not meet, let alone botany. Nearly caught up with herbarium mounting having but *Rhodomelaceae-Ceramiales* to finish- about 14000 algal numbers now. Research has been slowed down, but have about 1000 figures of 250-300 species Newfoundlandian desmids ready to transfer to publication form, paper revamping *Anabaenopsis* done with new African and Philippine species, paper on Lake Superior plankton waiting publication, and several eggs incubating, as usual. No chromosomes just now.

Give my best regards to all my friends at Penn. I hope that when True carved the turkey at the G.B.C. he gave everyone a big slice. I well remember when he carved one for 48. Practically no meetings here are attempted without aid of food, never a meal but always, sometimes even staff meetings, a light snack with at least cider and doughnuts.

Sincerely,

W. R. Taylor

Dec. 1, 1931

Dr. Wm. Randolph Taylor,
Dept. of Botany,
University of Michigan,
Ann Arbor, Mich.

Dear Randolph:

Many thanks for your kindness in determining the fragments of algae from south Jersey. I fully appreciate the unattractiveness of the project and hesitated to send you the material in the first place.

Frankly, I have been disappointed in Richards' product. I insisted that his discussion be greatly boiled down before submitting it to Pennell for Bartonis. When I finally received his paper I found it necessary to spend several hours on it ironing out the style, correcting numerous inconsistencies and inaccuracies in the matter of citation and striving to whip the thing into shape as a botanical rather than a zoological contribution. As it is it appears to me that the chief value of the report is that it may stimulate someone to make a thoro job of the same problem.

Helen and I have just returned from Boston where I spent the Thanksgiving holidays working in the Gray Herbarium. I have got myself into a nice mess in the genus Danthonia, and am devoting my attention to the spicata complex at present, after which several of the western and northern ones will have to be looked into. D. spicata probably consists of at least three trends, the problem being to determine whether these are specific or varietal.

So, you see, I can't answer your remark concerning Dr. True and the Thanksgiving turkey! My best to Jean.

Sincerely,

from Fagg

Feb. 8, 1932.

Dr. Wm. Randolph Taylor,
Univ. of Michigan,
Ann Arbor, Mich.

Dear Randolph:

I am writing to you personally to second Miss Virginia Wismer's application for admission to the Algae course at Woods Hole. She has taken my lectures in Botany 13 here this term, but as she did not need undergraduate credit for the course (she graduates next week and has all her units) she has done only a portion of the laboratory work and has not turned in her drawings. That is to say, what she has done she has done purely through interest in the subject.

I have encouraged her to take the course at the Hole, where she can work to much better advantage on fresh material and where I feel that, as a result of her preparation here, she is much better fitted to derive profit from the work than the average first-year graduate student. She has done excellent work at all times for me and I know few students who catch on so quickly and retain so readily.

A much different problem is presented by Sister Louis Gonzaga who has taken my course for credit (just barely passed, incidentally) and who now threatens to go to Woods Hole "to do research work on the Algae". She expects to be set to work on some problem and by the end of the summer to have garnered 2 or 3 units of credit toward a doctor's degree. This is her own idea; I have neither encouraged or discouraged it; I would like first to know from you whether such a procedure is thinkable. Who would be responsible for her? Have you had such a case before? She is Steck's Student, not mine (thank Heaven!) so her work at the Hole would not be, as in Hannah's case, her main line of endeavor. I should be glad to learn your reaction to this.

Sincerely,

H. H. BARTLETT
E. M. DAVIS
J. S. POLLOCK
E. S. MAINS
W. R. TAYLOR
W. W. TUPPER
J. H. EHLERS

UNIVERSITY OF MICHIGAN
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F. G. GUSTAFSON
D. V. BAXTER
L. E. WEHMEYER
C. A. ARNOLD
K. L. JONES
W. C. STEERE

11 February 1932

Dear Fogg:

I will be very glad to receive Miss Wismer's application. I have forgotten most of the Botany I names, but not hers, and I am sure that, if she has continued interested in biology, she will fit very well into the activities of the Marine laboratory.

As to Sister Louis Gonzaga, I have faint recollections that she received a post-mortem Harshbergerian ^{M.A.} Ph.D. If she comes up as an investigator she would not pass through my hands. If as a student, I would deal with her application. So far, Catholic sisters have not been able to conform to the attire necessary for the field work, or to present satisfactory evidence that they were appropriately interested in research, and their applications have been denied. If she actually makes application for a research table, let me know, and I will have Professor Jacobs look to the bona fides. Circumstances alter cases, and this may turn out to be a lean year.

I am nearing the last milestone on Newfoundland desmid drawings, and am more than ever convinced that the only salvation of that type of algal work lies in the authentication of all American records by detailed and accurate drawings and measurements. Our plants differ from the European in the same way that the flowering plants do, though it will be another couple of generations before the proposition will have been established. Do impress this on Miss Hannah.

Cordially,

W.R. Taylor

H. H. BARTLETT
B. M. DAVIS
J. B. FOLLOK
E. B. MAINS
W. R. TAYLOR
W. W. TUPPER
J. H. EHLERS

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W. C. STEERE

29 July 1932

Dear Fogg:

The close of another summer, and the break-up of a class. This was a good year, with 14 students; very little hindrance to the trips, although the season produced some astounding phenomena. *Zostera*, for instance, is practically absent from this district, and the associated flora and fauna gone with it. I have not seen a dozen living leaves of *Zostera* this year.

We had one Ph.D., and several graduate students; two men in addition to the Ph.D., showed marked promise. Three girls did well, but too immature to proceed into research as yet. Miss Wismer found the course rather easy, having your work for a background, and devoted herself largely to social activities. Miss Brubaker worked along. My Michigan candidate did passably. Altogether not any evidence of research continuing from the class work, beyond a few days for the two men who have things started, so the laboratory will soon be quiet. Vacationing here, with a scientific highlight, particularly discountenanced in these hard times.

I worked along on desmids as far as I could with the course running, and now expect to get at it with vigor. I have about 40 *Euastrums* done; several new, apparently. Jean and Billy are well, and I have done a little work on the cottage. Sumy, Hannah, Gladys et al. are actively boating at intervals. All send greetings.

Sincerely,

Wm Randolph Taylor

from Fogg

August 11, 1932

Dr. William R. Taylor,
Marine Biological Laboratory,
Woods Hole, Mass.

Dear Taylor:

I enjoyed your welcome note of July 29th, my only word from the "Hole" this season. Have spent a very busy season here with intensive work on the local area, with emphasis on Jersey. I average three full days a week in the field and have turned up many things to shed light on problems of distribution. Have had a fine trip down into Delaware and another up into New York State.

Glad to hear of your doings, which I hope will continue apace now that the lab is quiet. I am sorry that Wismer failed to accomplish something more serious. She made all sorts of promises, which I took cum grano, and I'd hoped she might settle down a bit.

We are planning to drive up to the White Mts. near the end of Aug. for the eclipse, as well as to collect en route, and may stop off at W.H. for part of a day on the way home. By the way, if you ever happen on anyone who might care to have a copy of my Eliz. Ids. Flora please inform that same may be had for the asking; I have a good stock of extras

With best to you and Jean and anyone else who

H. H. BARTLETT
B. M. DAVIS
J. B. POLLOCK
E. B. MAINS
W. R. TAYLOR
W. W. TUPPER
J. H. ENLERS

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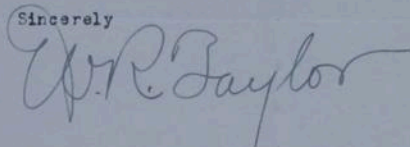
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K. L. JONES
W. C. STEERE

23 September 1932

Dear Fogg:

What was the condition of *Zostera* about Cape May Point and in the Inlet this year? I found that it was seriously reduced along most of the Atlantic range. Only Richards, writing for Wildwood, thinks it was as normal. One might expect a difference between the inside and the ~~the~~ seaward meadows. I want to incorporate some sort of a statement of range of disturbance when I send in the Woods Hole Notes a little later this month. Sorry I missed you at the Lakes of the Clouds.

Sincerely



from Fogg

Oct. 22, 1932.

Dr. Wm. Randolph Taylor,
Department of Botany,
University of Michigan,
Ann Arbor, Mich.

Dear Taylor:

Sorry I can not aid you in any way in the matter of Zostera. Altho I have spent nearly the entire collecting season in Jersey, my work has been either in the Pine Barrens or on the so-called "salt-marsh islands" which, as you know, are merely raised platforms on the brackish marshes — sometimes only a hundred feet long, other times a mile or more — which support a flora that belongs to the West Jersey district rather than to the maritime region surrounding it on all sides. The only place where I remember to have had my hands in salt water was at Absecon, and the fact that I found no Zostera there can be given no great weight, for the plant is less well known from Great Bay than from most of the other bays and inlets.

I am still somewhat puzzled as to Miss Brubaker. She tells me that if I will give her an examination on the Algae and will certify that she has passed same, you will be willing to see that she receives credit for the course at Woods Hole. I am willing to give her such an exam, but would like to know the next step; should I report to you or to the Graduate School here? The latter, of course, would have no record of her having registered for my course, so I assume that the certificate of credit will emanate from you upon receipt of a favorable report from me. If you see this in a different light please let me know.

Another thing: Miss Wismer seems to expect something in the line of Woods Hole credit. She maintains that, as the course there entails more hours and includes more forms than the one here, she is entitled to an additional unit. Is this the product of her own meditations or have you given her to understand that the surplus value is due her?

Yes, we had an enjoyable and profitable visit to Mt. Washington, bringing back some new things. Sorry our paths did not cross. Shall look forward to seeing you at Atlantic City. Regards to Jean.

Sincerely,

H. H. BARTLETT
B. M. DAVIS
J. B. POLLOCK
E. B. MAINS
W. R. TAYLOR
W. W. TUPPER
J. H. EHLERS

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W. C. STEERE

25 October 1932

Dear Fogg:

Many thanks for your letter; I am sorry that you cannot aid the Zoeter a matter, since Richards' statement is ambiguous in relation to those working in abutting areas.

Miss Ethel Brubaker attended the algae course. Her work during the course was about average in quality. Her examination was not a 'pass', or anything approaching it. She holds a statement of attendance. I believe my responsibilities end at that point. If you feel that she could pass an examination now, and if you care to give her one, and then ^{on that basis} recommend to the Department that credit be assigned, that is your affair. I wish you joy of her.

Miss Virginia Wismer passed a satisfactory examination, and holds a statement that she is recommended for credit. If what she did was a repetition of work done and accredited already at Penn, nothing more seems indicated. However, if she has extended her training somewhat as a result of the summer, an appropriate credit might be assigned. Something would be granted her here; what Penn does lies with the Penn staff. I could not promise her any credit, since I could not know what material you now present; I may well have suggested that the Penn staff might view it as outlined in the second sentence above.

All this sounds awfully cold-blooded, but I do not want to be mis-quoted, or to seem to dictate to those who have Penn's affairs in their care. I wish that this summer's two Penn people had not given me so much to fret over. Usually they fit beautifully into the spirit of

the glass, and call for no discussion.

Cordially,

W. R. Taylor

H. H. BARTLETT
E. M. DAVIS
E. B. MAINS
W. R. TAYLOR
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L. E. WEHMEYER
C. A. ARNOLD
K. L. JONES
W. C. STEERE

16 October 1933

Dear Fogg:

I am sorry that I have not been able to pack up and send to you the Woods Hole specimens about which we talked. I will be getting them off to you today or tomorrow. Keep the specimens and send me the names. I have no research interest in any of them.

Now respecting gymnosperms. Your kind inclination to send me a bit of teaching material from Philadelphia sources greatly appreciated, I make a list of those genera which I lack most conspicuously, in the hope that you have access to some or all of them. In general I can make good use of even sterile branches with foliage, but fruit in any stage, or young inflorescences, would be welcome. I should suggest simply wrapping them up in wax paper, then more stout protection, and sending by parcels-post. It will probably be necessary to have a Federal Quarantine permit card, of which Lambert used to have a supply! We have a strict state quarantine here, which the Federal tag would excuse.

- | | | |
|---|-------------------------|--------------|
| > Ginkgo, especially good fruit, but could use some mature foliage. | | |
| Agathis | Arthrotaxis | Widdingtonia |
| > Cedrus Libani | > Taxodium (especially) | Fitroya |
| Keteleeria | Glyptostrobus | > Libocedrus |
| > Cunninghamia | Actinostrobus | Dacrydium |
| Taiwania | Callitris | Microcachrys |
| | > Torreya | |
| Pherosphaera | Acropyle | |
| Saxegothea | Polypodiopsis | |
| Phyllocladus | | |

Of course I know that you will have few of these genera. I may even have slipped in a fossil or two! I would also like a bit of the one-leaved Pinus.

We are very busy here, for there is an increase of over 25% in the Botany-1 registration over any previous term, and coming in this our slack semester, is making for a lot of work. The number is somewhere between 260-270; next semester we will get the crowd who are taking zoology; those sections were closed after 3 of 7 half-days of registration. My advanced class is of good size, but some of them are a little short or normal. Registration at the University suffered a very slight decrease, but in the College a 30% increase of Freshmen.

What is the news at Penn? Hope that the 'cut' is not doing any harm. Here everything looks normal, and compared to a lot of places is in fair shape: or will be, if our pay comes along.

Sincerely,
7

W. R. Taylor

Nov. 11, 1933.

Dr. W. R. Taylor,
Univ. of Michigan,
Ann Arbor, Mich.

Dear Taylor:

Sorry to have taken so long in the matter of getting your Gymnosperms together but they are now on the way. I collected them last Thursday and had Adams wrap them up and ship them. I hope they come thru all right.

I was able to give you only about seven of the genera you requested, but I slipped in a few things that were not on your list; trust they prove acceptable. Taxodium and Ginkgo have nearly passed out, but I sent what I could and shall be glad to replace with better material next spring.

Lambert disclaims all knowledge of quarantines permit cards and says that no card put on at this end would carry any weight with your inspectors out there. He says the thing to do is simply to tell your people that the stuff is for museum use and not for propagation purposes.

I have told several persons about your copy of Stone, so you may get a nibble. We are really pretty here, contrary to expectations. I have 44 in the Saturday teachers' class, which means, of course, having an assistant take a section of them in Lab. There are 8 in the Algae course, all good people who know how to work.

Please give my regards to Jean. Hope we may see you both at the Christmas meetings.

Sincerely,

H. M. BARTLETT
B. M. DAVIS
E. B. MAINS
W. R. TAYLOR
D. V. BAXTER
J. H. EHLERS
W. W. TUPPER

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L. E. WEHMEYER
C. A. ARNOLD
K. L. JONES
W. C. STEERE

14 Nov 33

Dear Fogg:

The box of gymnosperms arrived
this afternoon in good condition. I immediately
took measures to put part in alcohol and dry
the remainder. I am greatly obliged, and the
work will profit. Jao is finishing a paper
on Woodstocke Adonia - 40 odd species & varieties,
with 11 new. I am finishing the second draft on
Kerr's Columbian alpine algae. A batch from the
Galapagos came in yesterday. So we keep
occupied. — Let me know about the
Geranium ac when you can.

Sincerely

W. R. Taylor

algae

micro. to kelp
unicell. spores & gam.

occurrence

salt
fresh
land
stone

Blue-green

unicells - filaments
ponds lily pads
stems

green -

unicells

fresh the ponds in
trees

filaments

filaments

floating Spirogyra
pond side

attached

algae

H. H. BARTLETT
B. M. DAVIS
E. B. MAINS
W. R. TAYLOR
D. V. BAXTER
J. H. EHLERS
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27 November 1933

C. D. LA RUE
F. G. GUSTAFSON
L. E. WEHMEYER
C. A. ARNOLD
K. L. JONES
W. C. STEERE

Dear Fogg:

It occurs to me that the University here has a very rich stock of duplicates which it is anxious to exchange for representation of areas not well covered. It further is clear to me that our representation of New England (resp. Woods Hole) and of New Jersey (resp. Pine Barren) plants is poor. How about a discussion of exchanges with Professor Mains? I know that we have series from Texas, Louisiana, Michigan, n. shore Lake Superior, East Indian, Central American, Mexican, etc., crowding us out of house and home. And we have just accepted a gift of over 50,000 sheets without the shadow of a shelf for them. If you are interested it would be best to write direct to Professor Edwin B. Mains unless you write at once, for I may be unable to answer correspondence for a couple of months.

Sincerely,

W. R. Taylor

Nov. 30, 1933

The second after dropping your letter in the box I realized I had neglected to include the determinations of your Woods Hole specimens; here they are:

Coronopus didymus (L.) Sm.
 Geranium molle L.
 Aralia hispida Vent.
 Senecio vulgaris L.

Since you do not wish these returned, I have placed them in our herbarium here; thanks.

I am glad the *Gymnos* came thru in good shape. Let me know if there is anything else we can supply.

Many thanks for yours of the 27th. I am indeed eager to get our own duplicates into circulation and am always glad to find new avenues of exchange. Our policy here is to strengthen up in the direction of the coastal plain flora and all my efforts have been bent toward establishing exchanges with southern and south-eastern herbaria. The result is that we have on hand thousands of sheets awaiting mounting and only one part-time mounter to do it all! Moreover, I have been able to procure B. Long's first set of local duplicates - a priceless accession - and I myself have had two very active seasons in the field here, resulting in over two thousand numbers added to the bulk of unmounted material. Long's plants will run into many thousands before we get them all, and while it is of course duplicating an Academy collection the material is so critically named that I am delighted to have it here.

So I feel that we should accept additional material only when it represents the area in which we are primarily interested, namely, the eastern and southern coastal plain. If you have collections from the Gulf states or the Mississippi extension of the coastal plain I should be most happy to have them. I should also be greatly interested in that element of the coastal plain flora which is repre-

April 4, 1934.

Dr. Wm. Randolph Taylor,
Dept. of Botany,
University of Michigan,
Ann Arbor, Mich.

Dear Randolph:

I was delighted to receive the reprint of your paper on the "Freshwater Algae of Newfoundland." The introductory pages, with their discussion of distributional relationships, were particularly interesting to me as indicating that, the better known they become, the more closely cryptogams appear to conform to certain phytogeographic considerations which hold for higher plants. Doubtless you are familiar with recent work suggesting that even Fungi exhibit the same relationships.

As you state, it is dangerous to draw general conclusions until the groups concerned have received critical examination, and certainly your treatment of the Desmids in this paper is an important step in that direction. I am deeply sensible of the honor which you have conferred on me in placing me in the Desmidiaceous firmament. It would appear that the south coast, for the most part rather sterile in phanerogamic excitement, has yielded much of algological interest.

With best regards to you and Jean,

Sincerely,

from Fogg

December 17, 1934

Dear Taylor:

The two "Filmies" arrived safely and should have been acknowledged long ago.

I have been frightfully busy, not only with regular class work but with a small army of helpers who come to us thru the State Emergency Relief Fund and who are actually enabling us to get caught up with our mounting. Moreover, every sheet in the herbarium is being cleaned and repaired; you wouldn't know the place !

I am getting some papers out soon on my Salem County studies and, of course, continue to work betimes on the new Philadelphia "Flora".

Regards and season's wishes to all three of you from the four of us.

Sincerely,

May 9, 1935.

Dr. Wm. Randolph Taylor,
Dept. of Botany,
Univ. of Michigan,
Ann Arbor, Mich.

Dear Taylor:

One of my students, Mr. Paul R. Wagner, is applying for admission to the Algae course at Woods Hole. Due to no fault of his, his recommendation has been delayed, but is even now on its way to M.R.L. He gave the form to me some weeks ago, but for the last month I have spent one full day a week in the field in Salem Co., as well as three class trips a week in addition to regular class work and as a result everything else has gone by the board. The height of the pile of unanswered mail on my desk is exceeded only by the height of two enormous presses of soggy material even as I write crying to have their driers changed. I had planned to write you personally about Wagner anyway, but now that I have been so remiss in filling out his recommendation it becomes imperative.

Wagner suffers from the general complaint of many who take botany first in a small college - in his case Ursinus. However, since coming to us two years ago he has enormously strengthened a weak foundation and showed himself so promising a taxonomist that I set him the problem of a survey of the plants of Schuylkill Co., Pa. - his home is in Temaque. He has just turned in a very fine paper, displaying originality in field as well as herbarium technique, and will get his MS with us next month. Retook Bot 13, which you may recall is Morph. & Tax. of the Algae, with me last year, but as I understand he does not desire credit for the work at W.M., this will offer no complication. He is one of the most affable, gentlemanly fellows I have ever known and should certainly fit well into the course, especially if, as in days past, there is likely to be - after the manner of Polysiphonia - a shortage of the males.

With best regards,

Sincerely,
W. R. Taylor

H. H. BARTLETT
B. M. DAVIS
E. B. MAINS
J. K. SANTOS
W. R. TAYLOR
D. V. BAXTER
J. H. EHLERS

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W. C. STEERE

13 May 1935

Dear Fogel:

You may assure your man that when I receive his application, I will accept it promptly. After the 1st May applications may be sent direct to me, expediting matters about a week. The registration is light this year. Dr. Drouet leaves this week for northeastern Brasil to work on the phytoplankton of some lakes maintained there as life-insurance for the hard-pressed population. They drink the lakes, and when they get low, eat the fish on the bottom; thus, the Fisheries Com'n is interested. It will be a new experience for the Missourian.

Yours truly,

W. R. Taylor

Laurence Irwin
Univ. of Toronto

H. H. BARTLETT
B. M. DAVIS
E. B. MAINS
J. K. SANTOS
W. R. TAYLOR
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W. C. STEERE

16 October 1935

Dear Fogg:

Did by chance the algal collections of ^{S. Ashmead} Morse in
New Jersey come to rest in the Univ. Penna. herbarium?
I think that the Martindale algae went to the Phil. Coll.
Pharmacy, and have written there to check up on that.
Anything you may be able to give me as to the last resting
places of these early (if not important) collections
will be helpful.

Sincerely,

W. R. Taylor

Dec. 1, 1935

Dear Randolph:

Now that I have had the opportunity to make a random sampling of our small algal series here, I think I am altogether safe in stating that neither the Ashmead nor Morse collection is housed with us. There may, of course, be some chance sheets which I have missed, and if any such come to light I shall let you know.

Under separate cover I am sending you a specimen concerning which I should value your opinion. It was collected by me a month ago when I took my Algae class down to Corson's Inlet, Cape May County, and grew in pools at the upper border of the sandy beach. No need to return the vial.

With best regards,

Sincerely,

UNIVERSITY OF MICHIGAN
ANN ARBOR
DEPARTMENT OF BOTANY

24 iv 50

Dear Fogg:

I'm certainly sorry not to have seen you when you were that close. However, Detroit is a world away when people are as busy as we are kept here at Ann Arbor. I would never get any research done if I attended a tenth of the meetings and concerts, lectures and funerals, which are technically part of my concern. Right now I'm winding up index-proof on PLANTS OF BIKINI, and rewriting a paper on reproduction in Beraudian algae which the Amer. Philos. Soc. demanded and then, after holding it two months, sent back as too technical for their digestion. I knew that, nine weeks ago, but Philadelphia minds work pretty slowly. Now, having lost the chance to handle it through our annual volume, I have to rewrite it in smaller bits and scatter it as corn to the fowls.

How about the Stockholm Congress: will you be there? Or, if you have become too much administrator to risk it, are you sending a good group? I'm still planning to go.

Sincerely,

Randolph Taylor

*It would not have hurt to have
come out a few miles more and
see a good botany dept!*

April 26, 1950

Dr. Randolph Taylor,
Department of Botany,
University of Michigan,
Ann Arbor, Michigan

Dear Taylor:

I had not ventured to hope that my post card bait would catch such a big fish as your interesting letter of the 24th. It was merely my intention to register disappointment over the fact that none of our Penn alumni at Michigan were present at the very lively session of our Michigan group held at the Detroit Athletic Club last Friday evening. I asked our Secretary there, Perry Manning, whether he had you people on his list and he seemed to think that he had but that there was seldom any response to the communications which he addressed to you concerning U. of P. alumni meetings. I can well understand the many activities which make it impossible for you to indulge in affairs of this sort.

My visit to Detroit was a very brief one since I arrived by plane Friday afternoon and caught a plane home from the Willow Run Airport early the following morning. As far as I can make out from the map, I was practically in Ann Arbor both coming and going. Next time I shall try to arrange things so as to have a visit with you, but on this occasion my itinerary was arranged for me by the Officers of the General Alumni Society and there was nothing I could do to modify it.

I am sorry to report that I shall not get to the Stockholm Congress, not because of lack of interest but because I have dedicated myself this summer to trying to finish up some field work in Pennsylvania in connection with my State Flora. Before visiting Detroit last week I flew to Bradford, Pa., where I made some very fine contacts which will enable me to carry on field work in the Warren-McKean County area under extremely favorable conditions. I have been so long at work on this volume that I am determined to finish it off as soon as possible, and that is the one section of the State that is most desperately in need of collecting. Goddard and Seifriz will represent us at the Congress, as will Camp, who because of his new post at the Academy is now also a member of our Staff, and young Cantino, our fine new mycologist who has just been given a Guggenheim Fellowship. Ruth Patrick will, of course, also be on hand to look after the nomenclature of the Diatoms.

Dr. Randolph Taylor

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April 26, 1950

With best regards to all of you, I am

Sincerely yours,

John M. Fogg, Jr.,
Professor of Botany

P.S. Much as I would have enjoyed seeing you, I would point out that it is necessary for me only to go a few steps in order to see a really good Botany Department.

Taylor, Wm. Randolph

UNIVERSITY OF MICHIGAN
ANN ARBOR
DEPARTMENT OF BOTANY

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Professor J. M. Fogg Jr.
Department of Botany
University of Pennsylvania

Dear Jack:

I need some bits of information.

You possibly may somewhere have seen a news note to the effect that Michigan had been given a large tract of ground and some money for a new botanical garden to replace the present one. It will be near, but not contiguous to, the so-called North Campus to which engineering and - later - some other schools have begun to move. The present one is on flat hard soil, is completely surrounded by homes or factories and is not near to the Natural Science Building. The new one has rolling ground, a good deal of woods, ponds and stream. The ground is at least in part pretty good.

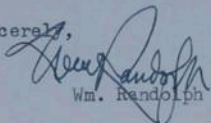
What is on my mind right now is that the plans for growing aquatics seem inadequate. I have never seen a greenhouse setup depending on portable aquaria which was worth anything.

I would much appreciate it if you would send me the data for our tank greenhouse at Macfarlane Hall. Dimensions of the concrete floor tank: ^{width} width inside, depth at each end, thickness of wall. Is there a submerged step for stuff in big pots? Second: number of lateral tanks, dimensions: length, width, depth. Material of walls and thickness. Are they set on concrete legs? Do they have individual drains?

I heard from Holroyd for the first time in many years recently: he tells me that the old palmhouse is gone. It was a wonder it stood up so long. I suppose that when the amplified biological building goes up the other houses will have to be replaced.

Hope all is well with you. I can put in half-days at the laboratory on research though will not be able to teach until Fall. At any rate I did better than Holroyd and waited until I got back from Europe before I got sick, though he also had to take leave.

Sincerely,


Wm. Randolph Taylor

April 9, 1958

Dr. William Randolph Taylor
Department of Botany
University of Michigan
Ann Arbor, Michigan

Dear Randolph:

Yours of recent date just received and sent me scurrying to the tank-house. I'm now back with following "bits of information" which I hasten to set to paper, although this will probably not get typed until next time I get to my office at the Arboretum.

The concrete floor tank is 16 feet long and 6 feet wide (inside dimensions); its walls are $7\frac{1}{2}$ inches thick. It is 36 inches deep. The "stuff in big pots" rests on concrete pillars. It has no drainage outlet, which is regarded by Wilson as unfortunate.

There are four lateral tanks each 3 x 7 feet and 15 inches deep. They are made of $1\frac{1}{2}$ inch slabs of slate, rest on concrete legs 4 x 4 inches square, and each is provided with a centrally located drain and trap.

Yes, the old palm-house is gone and in its place stands a rectangular sunken garden, not unattractive. The new building will be directly behind the present one, requiring the relocation of the greenhouses.

I saw something of Fred Sparrow at the National Academy meetings last week and he gave me an excellent account of your progress. Good work; keep it up!

Warmest regards,

Sincerely yours,

John M. Fogg, Jr.,
Director

JMF:am

Taylor, Wm. Randolph.

UNIVERSITY OF MICHIGAN
ANN ARBOR
DEPARTMENT OF BOTANY

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Professor J. M. Fogg Jr.
Department of Biology
University of Pennsylvania

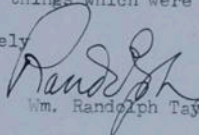
Dear Fogg:

While I was sick last winter my record card for my herbarium got lost. The trays with various matters in them were brought home so I could work in bed, and that card slipped away. I'm trying to determine various matters and reconstruct my records.

When I left Penn in '30 I turned over most of my vascular plants to Penn and to the Academy Nat. Sci., the latter, I think, getting the Local Flora items. I have written to the present Curator for information. Perhaps since he does not know me (and v.v.) you can stimulate his search.

Can you tell me from your records how many sheets I turned over to Penn? Or, if that is not the kind of a record you have, can you tell me how many of my sheets you accessioned? It would be very helpful, and-- please-- differentiate. I know that you probably did not retain things which were duplicates.

Sincerely


Wm. Randolph Taylor

March 20, 1959

Dr. William Randolph Taylor
Department of Botany
University of Michigan
Ann Arbor, Michigan

Dear Taylor:

Upon receipt of your letter of March 6 I consulted our herbarium accession book and copied out for you the entries shown on the accompanying sheet. In so doing I was surprised to discover that apparently you gave us nothing after 1925. It is, of course, always possible that there was a failure in recording an accession and, of course, I was at Harvard during most of the period 1927-29. However, those very years have many other collections recorded and nothing from you is among them.

I seem to recall vaguely that you gave most of your local Phanerogams to the Academy and perhaps we really did receive nothing from you later than 1925. The only person left in the Herbarium at the Academy is Walter Benner, who is filling in part time since the departure of Smith and until a new Curator is appointed - if ever. I'll see Benner in a day or two and find out if your letter was turned over to him for action.

Sincerely yours,

John M. Fogg, Jr.,
Director

JMF:am

COPY

Taylor, W.R.

UNIVERSITY OF MICHIGAN

ANN ARBOR

DEPARTMENT OF BOTANY

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Dr. J. M. Fogg Jr.
Morris Arboretum
University of Pennsylvania

Dear Jack:

I'm sorry that you have been put to so much trouble respecting my plants in the Penn herbarium. I thought that of course both at Penn and at the Academy there would be a ledger kept of acquisitions continuously through the years, but Mr. Benner tells me that this has not been done at the Academy and in your absence it was, apparently, not done at the University.

I suspect that the data you so very kindly sent refer to the University's share of plunder on my vacations, and so duplicates for the most part, and never part of my record system.

My recollection is quite clear: When I decided to leave Penn and had to consider the bulk of material to be moved, I held out the aquatic phanerogams, the violets, orchids, and alpines, perhaps a few other genera. Then I gave the Local Flora to one institution and the general materials to another, with permission to dispense with any valueless material. Presumably Bayard Long got the 'locals' for the Academy and Penn the rest.

It would be futile to make any further search, and we will just have to consider my records a part of the loss incident to my long illness: thankful the losses were as light as was the case. I'm very much obliged to you, and to Mr. Benner, for doing all you did to repair my shortage. try to

Just for your information to guide you in interpreting any specimens of my collecting, I can make this suggestion. Up to the time I left Penn, duplicates in all probability carried neither field nor file numbers. Specimens which were actually accessioned in my herbarium carried a serial number on the left-hand lower corner of the sheet, or in the left-hand upper corner of the label, sometimes prefixed and followed by x -- x. I don't think I used the mark: .T. until later. After I went to the Tortugas I began to use field numbers, but not for Phanerogams, and still with the accession numbers. So if you have any with these accession numbers they came to the University or the Academy about the end of 1929 or spring of 1930. You might find them in Epilobium hirsutum (Nantucket '20), E. molle (Peaks I. 116) and E. densum (Mt. Desert I, '18) if the supporting specimens were kept. I know that I had in my little collection up to Jan. 1919 as recorded in my 'Gray, 7 ed' up to page 721, 1000 species and varieties. Doubtless I added much in the next 10 years, and through the rest of the book, and most of these were left in Philadelphia. I can, actually, find out what I had year by year as to quantity, but not exactly what I left behind.

Cordially,
Randolph

Taylor, W.R.

UNIVERSITY OF MICHIGAN
ANN ARBOR
DEPARTMENT OF BOTANY

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Professor J. M. Fogg Jr.
University of Pennsylvania

Dear Jack:

Your letter of the 8th just received at Woods Hole, where we have migrated for the summer.

I do have a mimeographed list of my publications at Ann Arbor which I can send to you in the autumn and which you can check against the University's holdings and file. The number of items is at present, I think, 92 or 93, ending with my chapter in VISTAS in BOTANY, the bicentenary volume of Kew Gardens, now being issued by Pergamon Press. I do not as yet have reprints, though I have the book in hand.

There is an item outstanding which I cannot trace, being my part of the Dinard Symposium on marine algal ecology held in the summer of 1957 and of which proofs were paged last summer. One or two small papers are in process of publication, and my list does not include abstracts or reviews of books.

I used to send material to the alumni office which at one time asked for such: perhaps there is a file there which could be used to fill out the Department set.

My volume on tropical American marine algae moves ahead. The 80 plates and the photographs for the introduction have been engraved and proofs approved; the text has been edited and is out for bids. It should appear in the ~~autumn~~^{spring}: 800-1000 pp., depending on how it is paged.

In the autumn, then, I'll take up the matter of list and reprints. Hope you have a good summer.

Sincerely,

Randolph

H. H. BARTLETT
B. M. DAVIS
J. B. POLLOCK
E. B. MAINS
W. R. TAYLOR
W. W. TUPPER
J. H. EHLERS

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C. D. LA RUE
F. G. GUSTAFSON
D. V. BAXTER
L. E. WEHMEYER
C. A. ARNOLD
K. L. JONES
W. C. STEERE

7/191

Dear Fogg:

I send you today a couple of *Filices* I brought back from my last writers' trip. Altho I only got these two in quantity I had 10-12 in all, and nearly 100 ferns altogether. They were but a byproduct. My algae - 700-1000 numbers - will be mounted for study in another month.

I hope you are having a good winter. We are deluged with work. Not only keeping FERA men busy, but we have 350 in Bot. 1 this semester and about as many in prospect for next, this about a 20% increase on a reduced staff. Regards to I. Boes, Dr. S. etc. I sent the Stone's Flora off to your student a week ago.

Sincerely

W. R. Taylor

W. R. Taylor - Contributed to Herbarium, University of Pennsylvania

1922	Mosses (Vermont)	43
	Hepatics (N.B. and N.S.)	20
	Mosses & Hepatics (Misc)	70
1923	Algae (Germany)	160
	Algae (B. C.)	23
	Mosses & Hepatics (B.C.)	114
	Phanerogams (B.C.)	58
	Phanerogams (Mt Rainier)	40
	Algae (Grand Manan)	41
	Algae (Vt.)	6
	Phanerogams (Vt.)	7
	Phanerogams (N.S.)	7
	Lichens (Misc)	16
	Algae (Europe)	68
	Mosses & Hepatics (Misc)	90
	Phanerogams (B.C.)	55
	Algae (Europe)	60
	Lichens (B.C.)	14
	Mosses (B.C.)	17
1924	Hepatics (B. C.)	21
	Lichens (Europe)	12
	Phanerogams (Dry Tertugas)	30
1925	Algae (Dry Tertugas)	125
	Algae (Key West)	45

COPY