

Rec^d May 6th Florence by April 1864
Ans May 24th

Arboresc. pag 180-1

Dear Sir

Although not wholly
a stranger to you, I cannot
flatter myself you have a
very distinct recollection of me,
as I have had the pleasure of
meeting you only once, several
years ago at the house of our
lamented friend Mr. Gay in Paris.
I hope however that I do not
intrude by writing to you for
some botanical information of
which I am in need. I have
studied to some extent the
formation of the pulp in fruits,
and a summary of my obser-
vations has been inserted in the
Annales des sc. nat. vol. 12. and
at present I am engaged in
preparing another paper on the
same subject, to be accompanied

GEORGE ENGELMANN PAPERS



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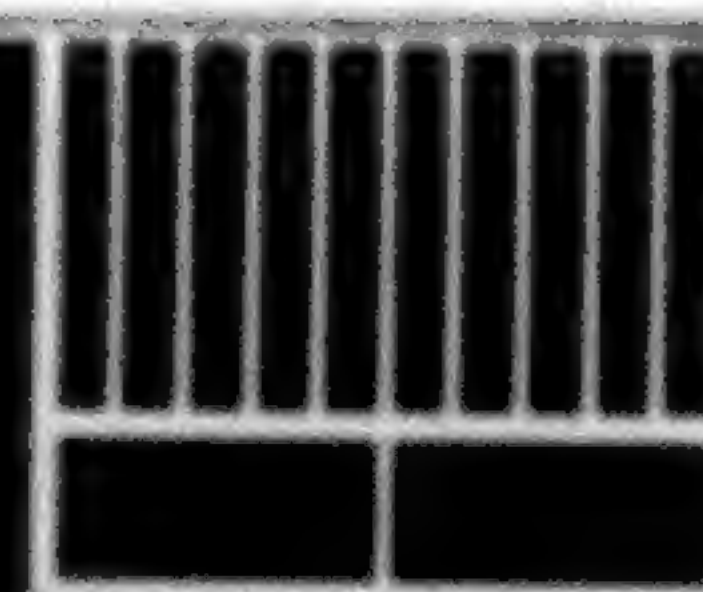
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MISSOURI
BOTANICAL
GARDEN

by plates. In my researches I
have recently had the good fortune
to see the account of your most
interesting observations on the
pulp of the fruit of *Cestricia*, published
in the *Trans. of the Acad. of St.
Louis*; most opportunely for me
they fill up a gap in my own
observations, which for want
of sufficient materials I had been
able to extend to only a very few
specimens out of the whole tribe.
Only I sh^d like to know when and
where you first published yr obser-
vations, whether in the above-mentioned
paper which I have seen, or in *Lect.
Mém. Bourd.* (a work we do not
possess in Florence), or elsewhere.
If you would satisfy my curiosity
I sh^d be greatly indebted to you for
the information.

Allow me to observe, that in
Stibes I do not believe there is, as
you seem to think, a true arillus,
but that the fleshy coating of the
seed is derived from an ordinary
legument: a fact already noticed by
Blanchon in his *Mém. sur les arilles*.



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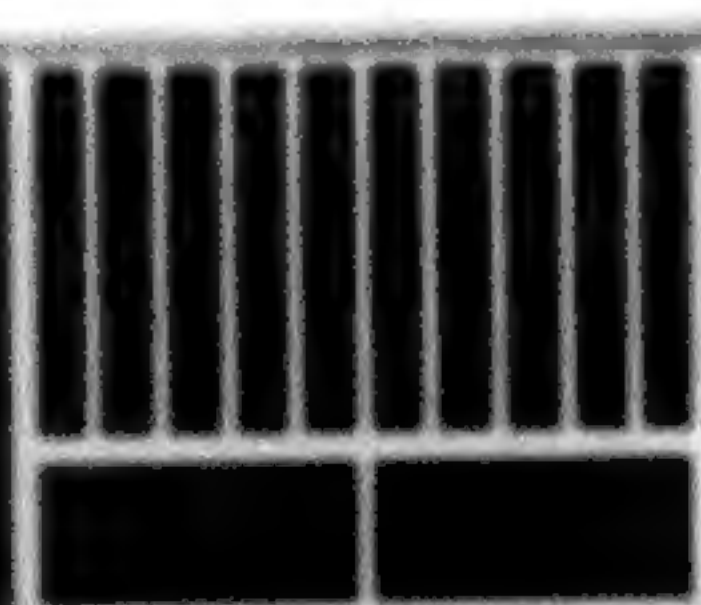
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As I know that botanical
works published in Italy rarely
find their way to America, I hope
a copy of some of my publications
will not be unacceptable to
yr Academy of science. In a
few days I shall have completed
a flora of Tuscany now passing
thro' the press, and I shall then
take the liberty of forwarding it
to yr address for the Academy,
together with a few memoirs etc.

If yourself or any of your
botanical friends should like
to have dried specimens of plants
from Italy, I should be most
happy to forward any I might
have among my duplicates. If
I could have in exchange American
plants, I should be very thankful
indeed, as my herbarium contains
very few specimens from yr
country, with the exception of
a valuable collection of from
S. Carolina for which I am



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indebted to Mr. Ravenel, and a few
graftes from Michigan given to
me by Dr. Loudon.

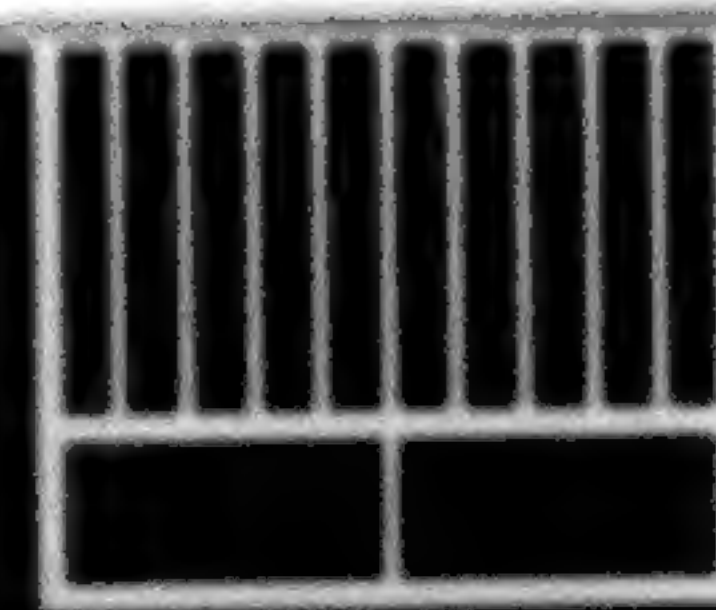
Hoping I may soon have the
pleasure of hearing from you,
I remain

Dear Sir

Yours sincerely

J. Carnel

Prof. of botany in the
Medical School, Florence.



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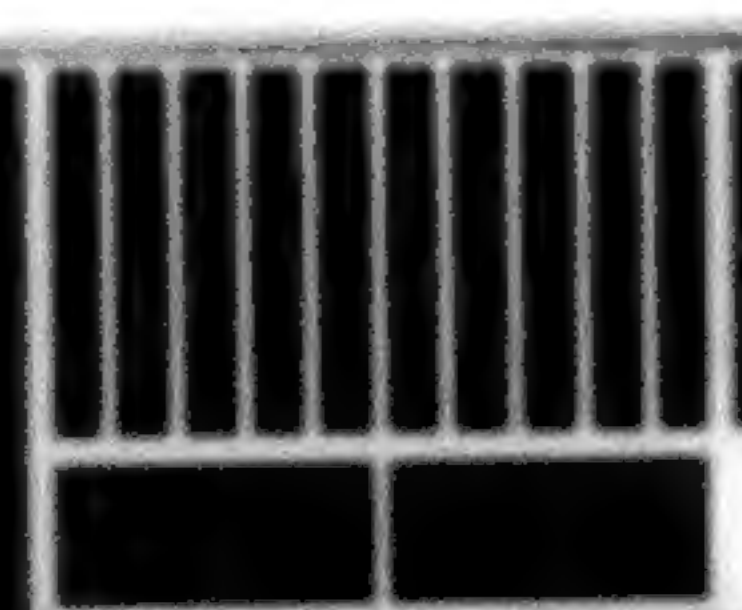


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Recd Aug 13
As per 20. 1865
Florence 22 July 1864

Dear Sir

I thank you very much indeed for yr kind letter, and the information you have given me, which has come in due time, as my memoir is being printed just now. I have looked in vain for the Report on the Boundary Lurucy in all our libraries, where it is but to be found; however the extract you have given me is sufficient to my purpose. Our difference of opinion about Ribes puzzles me, and I can only explain it away by supposing that by the term arillus we mean different things; my notion of the organ is that it is an expansion of the funiculus developed after fecundation such is the definition given by Blenckow, whose work (published at Montpellier in 1844 under the title: Memoire sur les développements et les caractères des vrais et des faux arilles) I consider ought to be the basis of all future researches on



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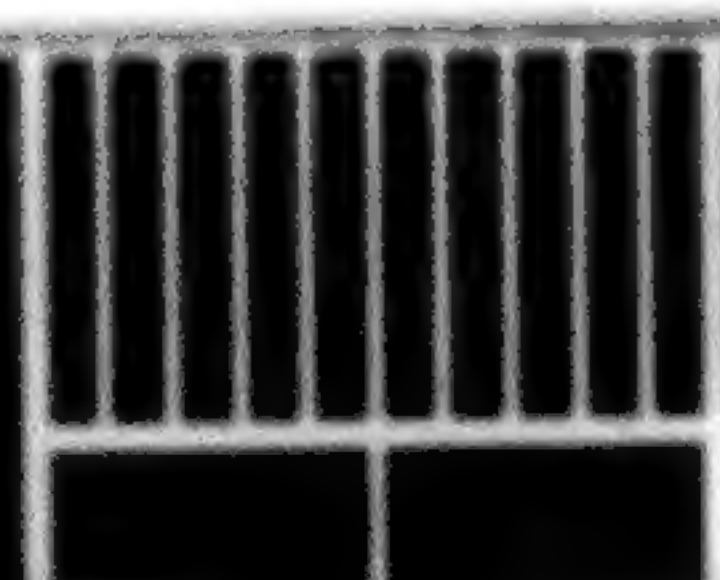
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the subject. Now in Ribes I have
never observed anything of the
kind, but was led to see in the
fleshy covering of the seeds only
a modification of the true testis.
It is too late in the year to begin
my observations anew, but when
an opportunity offers I shall
certainly repeat them. When my
memoir is published I shall send
it you, together with some minor
publications. Some time ago I sent for
you a box of a parcel of books, but
those were intended for the Academy
of which you are president.

As I have no personal intercourse
with Prof. Parlatore, I copied
out what you wanted him to know,
and sent it to him by a common
friend. He sent answer that he had
already written to you on the subject.
I have no idea when his part of
the Gradromus will be out; but I
suppose not so very soon, as I
see that there remain still many
orders to be published before Coniferae.
besides I hear that he is engaged
in a monograph on Gossypium.
Have you heard of the observations
of a Neapolitan botanist, M. Caspary,
on the resiniferous canals in the



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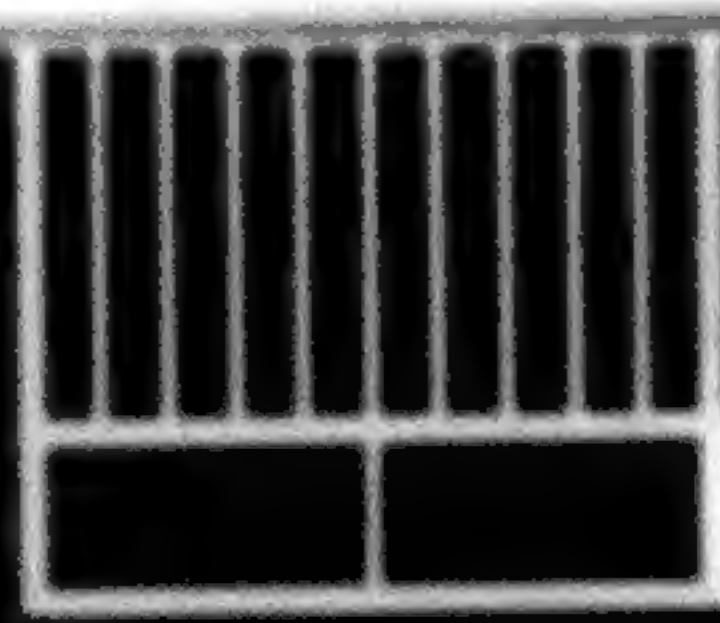
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comes of *Comiferæ*? there is an
account of them in the n. 14 of the
Botanische Zeitung for this year. I
have looked about for *Comiferæ*
in flower as you wish to have them,
but with little success, as they are
deficient both in my herbarium and
in those of my friends. However
I shall put together in the autumn
and send you all those I have got,
and supply the deficiency next spring.
I have already bespoken all those
of the botanical garden in Pisa.
Cray tell me whether you, or any
of yr botanical friends in yr
part of the world, would like to
have plants from Italy. I shd be
very thankful for any American
plants in return, especially *Ranuncu-*
ulaceæ, of which I intend working
up a monograph, peculiar circum-
stances oblige me to rely only on
my personal resources in books
and especially plants to continue
my labours.

I am not settled in Florence
as some expression in my letter may
have led you to believe. I am
only professor extraordinary in the
medical school here, which is a



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Temporary appointment, very
poorly distributed, and has only to
redeem it the advantage of leaving
me master of my time for 8 months
in the year!

I hope to have soon the pleasure
of hearing from you. Meanwhile
believe me dear Sir

Yours very truly,

J. Carné

These are the words about ribes
in Blanchou's memoir: « Je n'ai pas
besoin de dire que j'ai caché de mon
travail l'étude de ces parties de la
graine ou du périsperme qu'on a pu
prendre autrefois pour des arilles, mais
qu'une analyse plus rigoureuse a
fait distinguer depuis longtemps.
Tels sont les périspermes extérieu-
ment charnus de certaines racines
des Quina, des Ribes » etc.

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Rec^d June 23^d

By F. Florence to June 1865

MISSOURI BOTANICAL GARDEN
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My dear Sir

A few days ago I sent away a parcel of plants for you being the Conifers I have found in our gardens. I am afraid you will not find much to interest you, as the larger and flowering trees of the tribe belong to the better known species, and the novelties are only represented in our gardens by very young specimens. If I had access to Mr. Sargent's garden I should probably have found something better to send you. I have added to the Conifers a selection of Tussock plants, and hope you will find them an interesting addition to your herbarium. You will also find in the parcel a few of my latest publications, including my recent memoir on pulposo-fruits, in which I have made use of what you wrote



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to me on the fruit of Cactaceae
and hope my ideas on the subject
will meet your approval.

Last year I sent you a
parcel of books for yr Academy
and should like to know if you
have received them.

May be so kind as to let me
know as soon as possible if
you have received the parcels. My
present appointment as professor
at the medical school here is to
last only a few months longer,
when the place will probably be
suppressed with many others, and
I shall be obliged to go somewhere
else to get a living, and yr letter
might find some difficulty in
reaching me.

Believe me, my dear Sir,
always

Yours sincerely,

T. Carr



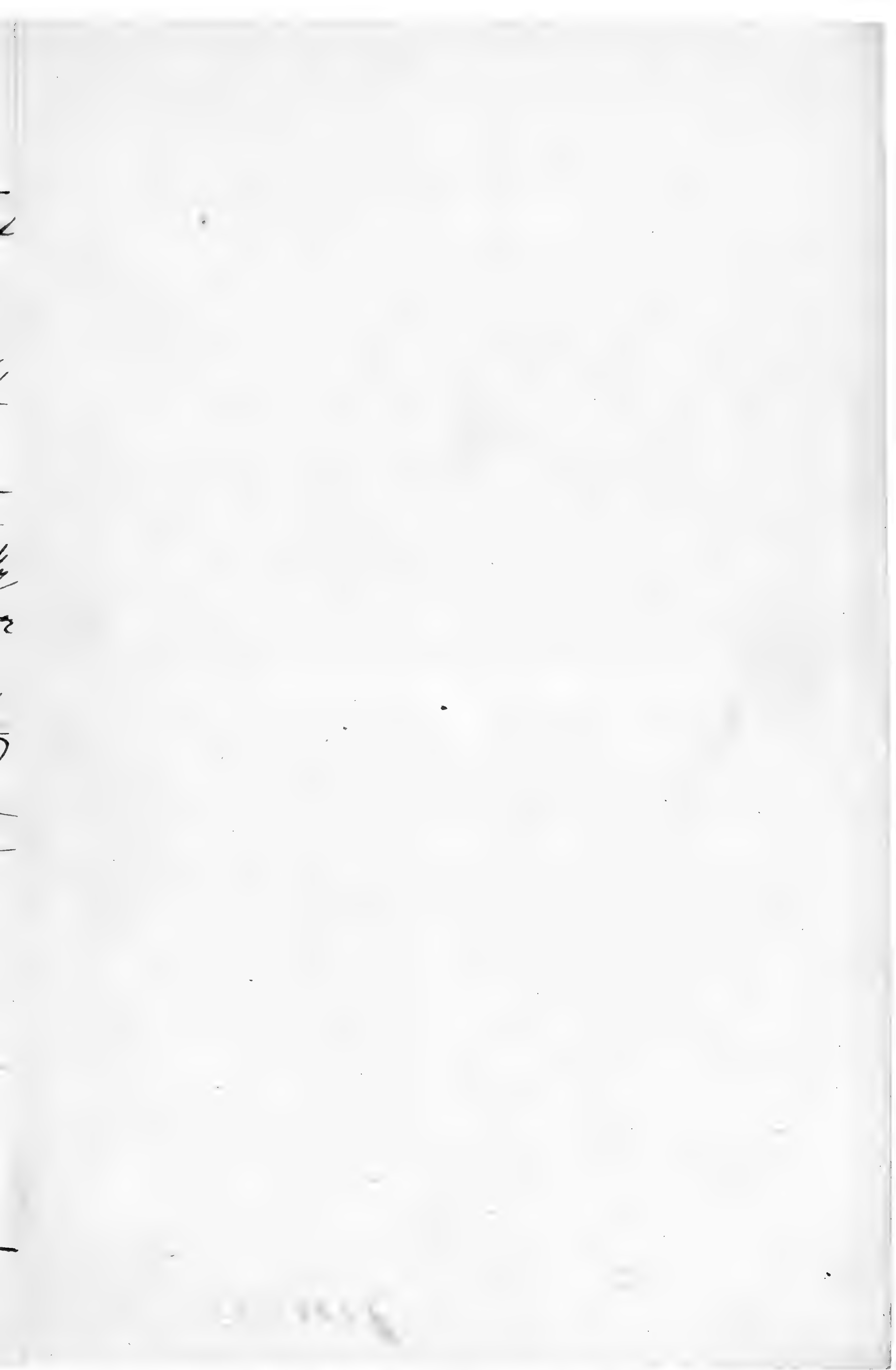
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L. carnifl.



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Rec^d Jan 4th 1868 Florence 10 Dec. 1865

Am Feb 10 1868

Via Garibaldi n. 3525

My dear Sir

It was very unfortunate that yr last letter should have reached me only towards the end of July last, as I had sent you a parcel of plants (including the Coniferae you asked) only a short time before, in June, and not being apprized of the economical mode of conveyance via Smiths. Inst., directed it to you, so that I am afraid you will have had a great deal to pay for it, and much more than it is worth, as it happened with the parcel of books. However it will not happen any more. A few days ago I sent you a small parcel, addressed Hector Sarrange for Smiths. Inst., containing the fruits of Viburnum and the specimens of Callitriche you desired; of the first there are few species and ^{only} common ones.



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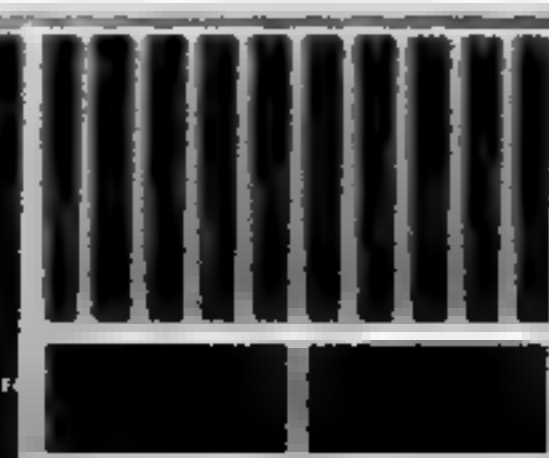


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but amongst the last you will find
the southern forms you mentioned.

I thank you for yr very interesting
C. Austini, and shall be glad to see
what you have written about that
puzzling little group. I shall take
up the subject of the seeds of Sibes
at some future opportunity, but
I really very much doubt whether there
can be anything else in them besides
the proper indurament. I have put
in the parcel I sent you in June
a copy of my memoir on pulponous
fruits, and shd like to know
whether it meets yr approval. The
copy of yr Cactaceae you have
kindly sent has not yet reached
me, but I suppose it cannot be
lost; I have written to Bossange
to inquire about it.

I am still for the present in
Florence. Last summer I went over
to England to see if there was any
probability of my getting a situation
there; it seems there is none for
the present, but I have perhaps a
better chance of getting a professorship



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at Lausanne in Switzerland. In London
I had the pleasure of seeing Hooker,
Graham, Oliver, Seemann, Bennett.
— I have undertaken to write a
flora of Italy, a Synopsis; as I
repend wholly on my own herbarium
for the materials, I can work it out
in whatever place it will please God
to send me.

I am dear Sir

Yours sincerely,

J. Carnel



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Rice' June 9¹⁹
Ans Feb 10
1868

Florence 20 May 1866

Via Garibaldi n. 10

Dear Sir

I had the pleasure of writing to you towards the close of last year. Since then I have at last received through Cassange your very handsome work on Cereals, for which I am the more indebted to you, as otherwise I should not have been able to get a perusal of your interesting observations on the fruit and seed of the order.

My time is now much taken up by the task of putting into order the herbaric garden here, of which I have the directorship pro tempore, till the government have decided whether they will keep it, or suppress it, or convert it into a public walk. However I have



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found leisure to consider again
the subject of the seed of *Ribes*. I
have examined carefully different
species, principally *Ribes Grossularia*,
aureum, *alpinum*, *rubrum*, *nigrum* &c.,
but found nothing to alter my
opinion, that the fleshy coating of the
seed is due to a peculiar alteration
of the integument perisperm or episperma,
without there being any trace of an
arillus. In *R. Grossularia* there is
a slight expansion of the funiculus,
or rudimentary arillus, such as is
found in many plants, and
quite distinct from the fleshy episperma.

You will be sorry to hear that
our eminent botanist, M. Gasparini
of Naples, is very dangerously ill
of a complication of disorders,
principally diabetes. His loss would
be the greater because in Italy
for the present there are so few
botanists of note, and not one
to succeed him in his particular
branch of histological researches.

Believe me, dear Sir, yours sincerely
T. Carnel



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Rec^d Berlin May 15th

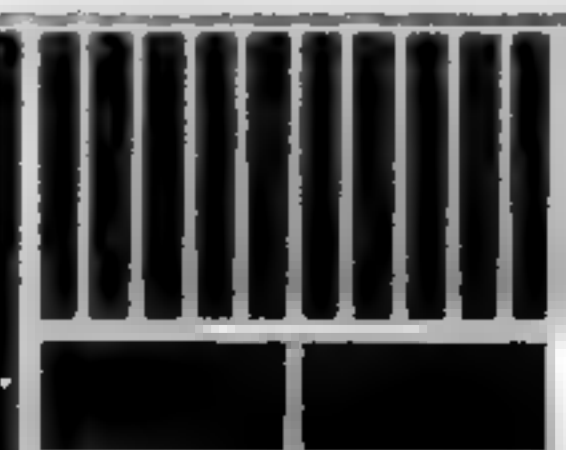
Ans — June 18th

Florence 7 May 1868

ans to letter of Feb 15th

My dear Eliza

You have indeed no
apology to make for yr demand
for Coniferae, as it is a satisfaction
to me, and I feel it to be a duty
also as a scientific man, whenever
I can be of use to my fellow
labourers in the fields of science,
especially when any materials I may
bring together are worked to such
good purpose as it is yr habit to do.
I do not think I could find anything
new for you in the gardens here in
Florence, having already sent you
I believe every thing I could lay hands
on; so I have thought of writing to
my good friends Mr. de Visiani at
Padua and Mr. Cesati at Naples,



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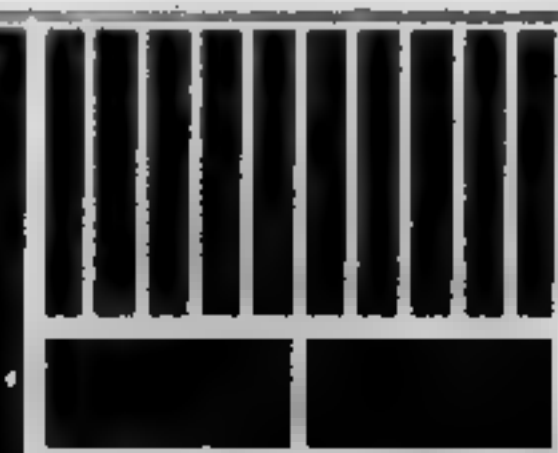


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asking them to make collections of
flowering Conifers at their gardens
for you, and they have both answered
assuring me they will, and I think
we may rely on their promises. So
when you come to Italy you will
find something prepared for you,
at least I trust you will.

You will find me still in
Florence, where I can ^{still} continue pro-
tempore, having failed in my attempt
to get the professorship at Naples.
I am not a lucky man, and it
is all uphill work for me in
this country.

I received in due time the first
part of your paper on *Juncea*, and it
came most opportunely too, as
I was then studying our Italian
Juncea towards preparing
materials for a flora of Italy, and
found good help in your memoir.
I shall thank you for the continuation



it, and for the specimens you are
so kind as to bring over for me.

I send this letter to Trieste, Venice,
who has never seen it, except
you. This is my wish in regard to it. If you
come to Florence, you will find
me at the Orto dei Semplici, as I shall
have probably left my town residence
in Via Garibaldi n. 10 by that time
for some villa in the country.

Believe me my dear Sir

Yours sincerely

J. Carni

Dr. G. Engelmann

Berlin

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Rec^d June 29th
Milw^l

Florence 24 June 1868

My dear Sir

I have received yr welcome letter of the 18th, by which I see you have postponed yr visit to Italy, as I had anticipated you would have come in the summer. I can tell you that my good friends Cesari and De Visiani have both answered my request in yr behalf by the fullest assurance of doing their utmost to try and put together flowering Coniferae for you. By the by I see by yr paper (enclosed) that you have already begun publishing the results of yr observations on that most interesting order. I wish I could give you an equally satisfactory



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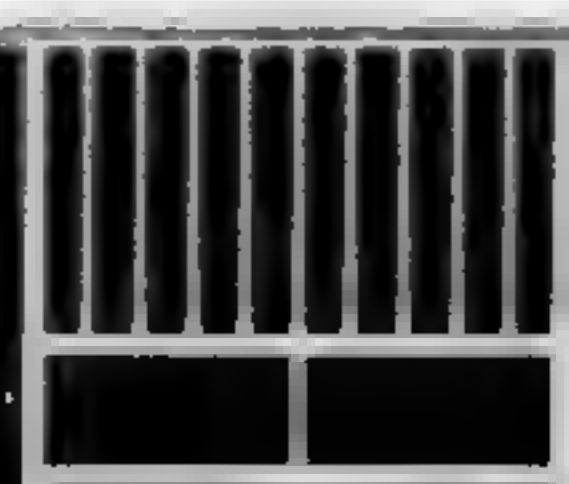
reply to yr questions concerning
our wild vine; but I must confess
my total ignorance as to many
of the facts you hint at. The
I can tell you is this: the vine does
certainly grow wild in Tuscany,
but whether truly indigenous, or
naturalized at antiquo, I cannot say,
and really there are no means of
ascertaining as far as my knowledge
goes. It is found in the hedges in
many places of the inner cultivated
tract of the province, for example
round Florence, but never bears
fruit, and never attains any considerable
size. In the hotter southern maritime
portion of Tuscany, it is found
growing in the woods, and becomes
gigantic, bearing fruit, of which
wine was made when the oidium
disease began, as it seems that the
wild vine was for some time free
from the epidemic that fastened on

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the cultivated grapes, tho' at last it
also came in for its share. The
reason why all the wild plant Brusea,
(a corruption of the Latin Labrusca)
and Zampino, and I have been told
that the grapes are small in size, and
rather acid, but I have never myself
seen them, as the Maremma or maritime
region where they are found is feverish
when they ripen and never visited
by the Babuinists in that season. The
Babuinists of Italy have generally
accepted the plant as Vitis vinifera
sylvestris, and I am not aware of
any one having paid further attention
to the subject. You will find in
DeCandolle's Flora italica summed
up what is generally known on the
subject. But now you have put
me on the scent I shall try to
gather some information more novel
and precise, as also specimens of
the fruit when ripe, and keep them



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ready for you when you come.

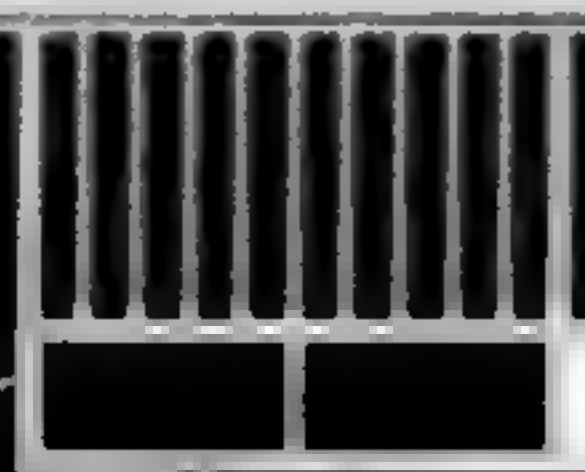
I sh^d as well like to have yr
American plants now than later, if
you will be so kind as to further
them addressed to me all *Ordo dei*;
Simplii, Florence.

I have just put aside for a
short time my Italian flora, being
engaged in working out a botanical
geography of Tuscany which I have
been preparing these eight years. My
prospects in this country are so
unsatisfactory, and consequently
my stay so uncertain, that I have
thought it better to use all the
materials I have been putting together
for works of local interest, so as
not to lose the fruit of my labours
were circumstances to call me
shortly to some other part of the
world.

With my best respects to Prof.
Braun, I remain dear Sir

Yours sincerely

T. Canad



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Rec^d Nov 18th Naples
Ans Rome Jan 24th 1869

Florence 6 nov. 1868

My dear Sir

As you tell me in yr
letter that you intend going shortly
to Naples, I send my answer there.
I shall prepare the letters for Prof.
Gray and forward them to Alexandria
so that he may find them there on
his arrival — as I have to write
to a relative in Egypt. I have
received his bot. contributions,
together with many other most
valuable papers, for which I
have already sent my thanks.

I see that Dr. Bruchmann has
taken up yr views about the markings
of the seeds of *Junci*, and applied
them to the discrimination of the
European species.



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When Prof. de Visiani will send me the vines I shall put them along with your other things. I shall probably have to write to him one of these days, and will remind him of them.

I am very sorry to say that my plans about the *Orto dei Gesuiti* to all appearance have proved a failure. The town-council seems pretty well disposed to spend for the ornamental part of the garden, to make it more pleasant as a public walk; but I have been expressly told that for the botanical part they do not intend spending a farthing more than what the government have hitherto given, which is wholly inadequate to keep the place in a decent way, as you yourself have seen; in fact the conditions imposed by the government

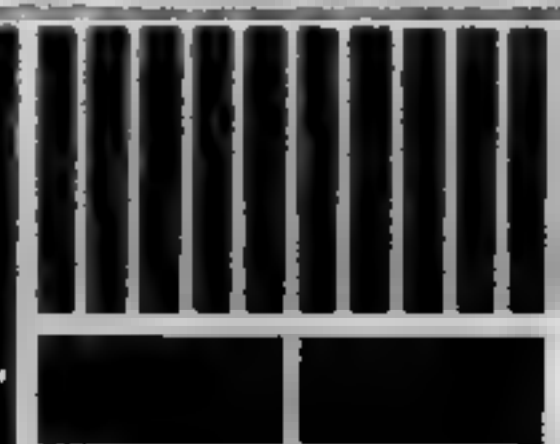
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in making over the garden to the
 town-council, to maintain it as
 a botanical garden, is considered
 by the councillors as a burden, to
 be made as easy as possible, and perhaps
 got rid of if the occasion offers.
 Of course if they persist in these
 views I have nothing to do - but to
 withdraw from the direction. On
 the other hand, without ^{the} plants, without
 instruments and books, ~~what~~ I am
 to go on with my lectures and my
 studies, is a sore puzzle. You may
 well guess how grieved I am at
 all this; - but the garden - has always
 been an unlucky one, and it seems
 I am not a lucky man. How
 often have I had reason to regret
 I chose my abode in this country!

At Naples you will have
 plenty to do in the environs and
 the garden, which I trust Casati
 has put in good order by this
 time. Pray remember me kindly



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To him, as also to professors
Sedgwick, Liepachi and Caspelle
you will have probably met.

My best respects to Mrs. Engelman,
and believe me

Yours truly

T. Carroll



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Rev^o Febr 2^o Rome

Ans April 26 Florence febr 7, 1869

My dear Sir

I hope my answer to
y^r's of the 24th. let^r may arrive in
time to find you still in Rome.
Y^r parcels are all safe, and I have
written to de Visiani to send me anything
he may have prepared for you; and
in a month hence I shall send them
to Berlin to prof. Braun as you
have directed.

I have from a correspondent
in Egypt that prof. Gray has arrived
there, and only stopping a day in
Alexandria started immediately
for Cairo, to go up the Nile. He had
the letters I sent him, and I hope
they may have been of some use to
him.



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I must inform you of a project that has been started here, of publishing a botanical newspaper. I have been induced to take the management of it, and the first number will appear in March, to be continued quarterly. Of course my name will not appear in the title-page, in order not to excite any sentiment of rivalry amongst my very susceptible Italian colleagues. The "Giornale di botanica," will have no peculiar colour, and all the responsibility of the articles will rest with the authors who sign them. Bray communicates the information to the botanists in Rome, i.e. Contessa Fiorini, and Bolli the director of the botanic garden, and the professor (who may he be?) at the "Sapienza," and tell them we shall be happy



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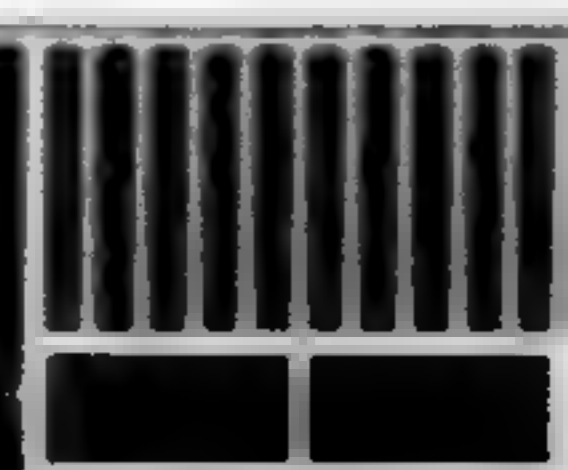
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to receive for publication anything
they liked to read. If yourself could
furnish us with something bearing
yr name, we should be very much
obliged indeed.

We had here in Florence mild damp
weather until the middle of jan^y; and
then all of a sudden it became intensely
cold, the centigrade therm. falling in the
night to -6, -7, and even -9. Now it
is again very mild and damp.

There is nothing new about my
garden, which hangs on its precarious
existence, with every probability
of getting knocked on the head one
of these days. If I still stick to it,
'I assure you it is thro' a sense of
duty and in order not to leave it
quite helpless, otherwise I sh^d gladly
leave it, sick as I am with having
to contend with the paltry mean
spirit of the administration and the
populations of this country.



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I think I told you that I had
once looked into the question of the
"gymnospermia" of Conifers, without
having come to any conclusion. I have
taken up the subject again lately, and
have pretty nigh enlisted amongst
the "antigymnospermists," and drawn
up a summary of my reasons for
the "Giornale." — Indeed, as editor I
find I must give into my notes
to connect articles of various lengths
to fill up void spaces in the paper,
for which I am sure to get few
thanks and much criticism.

If you go to Montpelier pray
remember me kindly to Blanchon.

My family are all well, thank you.

With my best respects to Mrs.
E., believe me dear Sir

Yours truly
J. Carnel



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Rec^d Jun 18th at Boston
Am - 24

Florence 12 May 1869

My dear Dr. Engelmann

The departure of our
(so I am happy to be able to call
him) near friend Dr. Asa Gray for
Vienna where ^{he} is to meet you, affords
me a favourable opportunity of
sending you the specimen of cedar you
wanted to have - together with a
drawing of the fresh cone as you
desired, done by Mr. Saroni who
has supplied my deficiency as a
draughtsman.

You may have seen by this time
the 1st number of our Giornale botanico.
In the 2^d, none being printed, you will
find my notes on the subject of gym-
nosperms - in mind, they are only
animadversions and doubts, and have
no pretension to be a solution of the



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problem, which I own I have not as yet been able to comprehend fully as to all its bearings. — I have ready another article on the woolly cord in the seeds of Luzula, which I have clearly made out to be as I surmised a production of the placenta different from the funiculus, against M.M. Parlatore and Duchartre who contradicted my first assertion. I send you my first article on the subject, together with several other papers which I am not aware having sent you as yet.

I am glad you have enjoyed your voyage through France, and thank you for the details you give me about your mutual friends there.

Matters here are rapidly coming to a crisis for me. I have resigned my situation as director of the botanic garden, not having been able to carry my point with the Municipality.



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When my lessons are over, in July, I shall give up my professorship at the apothecaries' school as another bad job. The demise of prof. Moris may perhaps lead me to occupying his place at Turin, but if it should be decided otherwise, I must leave this country altogether, as I can't afford to go on mismanaging it any longer. I have a relative in Australia who wants me to go and join him in mercantile and agricultural speculations, and that might be after all the best for my family, if not for myself.

I shall keep in mind yr requests about the development of Cedars. Any article of yours on that or any other subject will be gladly accepted by our journal.

With my best respects to M^{rs} Engelmann I remain

Yours sincerely
J. Carnel



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W. L. ...

Dr. ...



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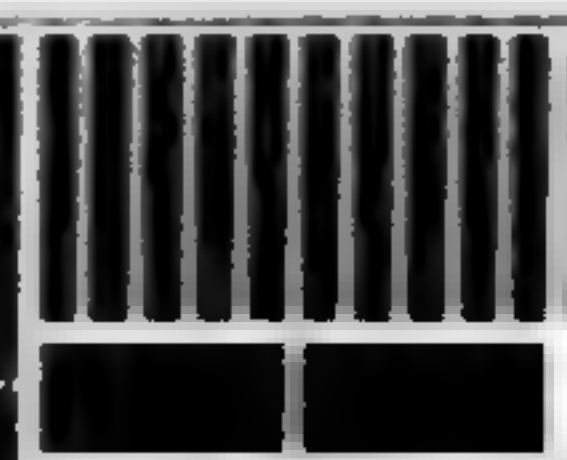
Rec^d Koenig Sept^r 1869

Ans. Missouri Aug 22 1872

Lawrence 12 Sept^r 1869

My dear Dr. Engelmann

I don't know whether this letter will find you still in Europe, or have to cross the Atlantic after you. At all events I hope it will find you in good health, as also yr good lady. Some time ago I forwarded to you a package of dried samples of vines from the Maremma, only the male flowers — it was all I could get from my pharmasopolus, and I suppose you have experienced already as well as myself the great difficulty of getting unscientific persons to serve you properly in collecting botanical specimens. Yr seeds of Agave I sent to Demidoff's gardeners, as I have wholly given up the orto dei Semplici. By the by, you will be



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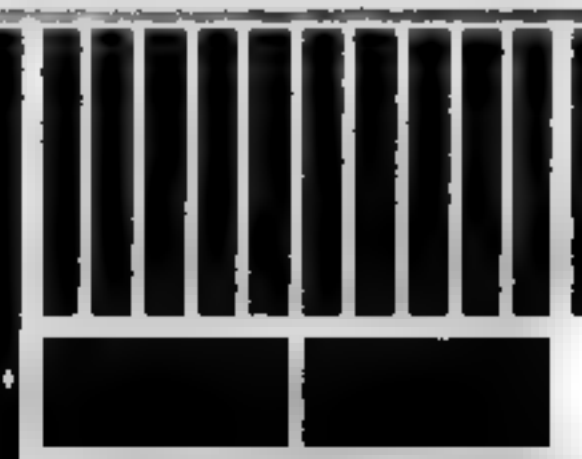


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sorry to hear that the S. Donato
establishment is being broken up,
the plants sold and the gardeners
dismissed, so at least I have
been told.

I had Prof. de Vobanis informed
of the arrival of the packages of
Junci at Milan, as you desired.

You ask me about my plans
and movements. Well, after the
death of poor Moris, I hoped I
might get his place at Turin, and
the hope changed to what appeared
to myself and to all botanists in
Italy a certainty, after it was known
that de Vobanis had declined the
professorship at Turin which had
been offered to him in the first
place, and very properly, too. I
rested my claims principally on the
vote of the Commission which had set
in judgment on Cesati, myself and
others at Naples, and having awarded
the professorship at Naples to Cesati,



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had placed me next in rank to obtain
the very first vacancy. But alas!
at Turin they have judged otherwise,
the University there having brought
forward as a candidate Mr. Del Conte,
assistant to the late professor, of whom
you may have heard - or not. The
Government here, better informed, has
refused to nominate Del Conte; but
it has not had the courage to name
me in opposition, and has washed
its hands of the whole business by
putting the office au concours. I have
refused to compete for it, I have a
thorough dislike of the system of
competitive examination, and having
once gone through the ordeal don't
care for trying it another time, besides
I feel it to be an injustice that they
should have thus set aside the result
of the concours at Naples, to put all
again in question by ordering another.
So here am I quite astray, and not
knowing very well what to do. I



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think I shall keep quiet this winter in Florence, as I have plenty of work on my hands, very much wishing to prepare for the press a work on the geographical botany of Turkey which has occupied me already eight or ten years. In the mean time I shall do my utmost to procure some situation as a botanist in some part of the civilized world; and failing, my last resource will be emigrating to Australia, where I have a brother-in-law already established there.

But these troubles of mine are only disagreeable. I have had moreover in these days much sorrow and affliction at home, by the death of my youngest child! Two others have been ailing likewise from gastric fever, but thank God they have recovered. My poor wife is very much distressed, and now I must tremble lest her health should give way under her grief.

I remain my dear friend your's truly
T. Carruthers



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Rec. Bot. Soc. ⁴

Ans. Febr 19 Brighton 21 Sept. 1872

My dear friend

I received yesterday yr letter of the 22^d August, here in England where I am since a week, remaining with a relative of mine for a week longer, just rising from a voyage through Austria, part of Germany, Belgium and Holland for the purpose of visiting the botanic gardens there. When I leave I shall go to Paris for a few days, and then return to Pisa, which is my present abode, and where I shall be very glad to see yr son should he happen to come there, and look out for me at the "Orto botanico." It is just a year and a half I obtained the professorship of botany and direction of the botanic garden at the University



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of Pisa, become vacant by the sudden illness (shortly afterwards followed by an untimely death) of my poor friend Lavi. Though Pisa can not be compared to Florence, neither as a residence, nor as to the amount of materials to help you in botanical work, yet it possesses many advantages, and on the whole I am right glad to be there. The professors are a good set, and very kind to me; the students are manageable, and not a few take to botanical studies, and come to work in the garden, the herbarium, and the micrographic laboratory, which I have got up for them; and the townspeople are thankful that I have put the botanic garden at their disposal as a public walk. I have plenty of work, tho' somewhat a scarcity of materials to be sure, but I manage to work on, and so the time passes not unprofitably.

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I cannot now recollect when I last wrote to you, but it was not so very long ago, and certainly after the receipt of the plants you sent me, and for which I cannot have failed to thank you, as they were most acceptable. I need not tell you that I shall receive with the greatest possible pleasure the seeds of Gucca and Conifers you intend to send me, as also any seeds of trees, bushes or ferns of any part of the world that would thrive here, with my very limited hot-houses. I cannot pretend to have any collection of tropical plants worth the mentioning, but I can yet together a good collection of plants which can stand the open air in the climate of Sicily.

Demidoff's garden is still in existence, and the present proprietor it seems intends to keep it; indeed in Florence the passion for gardening



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is on the increase, and quite the thing amongst fashionable people. Bartoloni is trying very hard to have a great international exhibition of horticulture and botanical congress in Florence for the spring of 1854; but I scarcely hope he can succeed. The Orto dei Semplici is still in existence, but so altered and ornamented to serve as a public walk that it has nothing now of a scientific garden.

I was before yesterday in Genoa, where I saw Owen, Thunberg, Oliver, also Dr. Hooker, much changed I thought and looking care-worn, as well he might after all that annoyance he is suffered from that Mr. Ayrton. And it seems it is not over, as Mr. A. is bent on transferring the herbarium and library from Genoa to Kensington, to incorporate them with the collections from the British Museum which are to be carried



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there, however it is to be hoped that
some change of ministry or other
will take it out of the power of this
mischievous person to do such damage
to the New establishment, which ^{has} such
~~an~~ world-wide and well deserved reputation.

My friend Mr. Decceri is out
on a new voyage, to New-Guinea. I have
taken off his hands the editorship
of the Giornale botanico, and if you
had any paper which you might
like to have published in it for the
instruction of our Italian public, I
shall be too happy to insert it. By
the next numero of the correspondent
of the Smithsonian in Italy I shall
send you a few pamphlets.

I left all my family well
at the residence near Leghorn, and they
continue all in good health, my wife
and four children.

Believe me yours sincerely
J. E. C.



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Rec July 16th *Paris* 27 June 1875
Mon July 29 1876

My dear Doctor

What you tell me in
yr letter of yr trip to the Rocky
Mountains last summer
has made me heave a sigh, as
I often do when I read of flora
which I might have seen with
the eyes of the head, and must
now be content to see in
herbaria and on the paper, to
dissect them and generalize and
theorize thereupon as best I may,
ah me! but what difference be-
tween a study of life and death
elucidations! "old Goethe knew
well when he said: grün ist alle
Theorie, und grün des Lebens
goldener Baum. However I must
not repine if circumstances
have made me a subsidiary botanist.
My belongings here, tho' somewhat



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well, are rather nice on the whole,
and easy. My garden thrives with
the new gardener; unfortunately
he was too late for yr pines, which
I am sorry to say have all
perished, but if you had some
opportunity of sending me more
seeds, I shd hope they would be
better taken care of this time.
Last autumn I went over
to England, and staid some
time in London, and saw all
our botanists there, and Mrs.
Hooker at New, poor lady! a
few days before her sudden
death. Mr. Darlmore at
Florence continues poorly, he
has been suffering from a
sarcocele for more than a
year, and was to have been
operated a short time ago.
He has now with him at the
Museum a late assistant of
mine, who works in physiological
cryptogamia. The garden at



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San Donato is in a flourishing
condition at present, under its
new owner, heir of the former
Prince Demidoff. several others
of the rich people in Florence have
caught the fashion of gardening,
and altogether there is a progress
in Italy as regards horticulture
and botany, at least the taste
for them. So I have been encouraged
to write a text-book for our
students, I am now hard at
work upon it, and when it is pub-
lished I shall finish my pocket
flora of Italy, at least try to
do so as quickly as possible.
Thanks for yr paper on Yucca,
and other contributions to science
I have received from you. In
the autumn I shall make a
parcel of different things which
I have ready for you, and try
if sending them by some other
channel may better ensure yr
receiving them. It is a long time
I have not heard from Prof.
Gray.



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May remind me respectfully
to your good lady, and believe me

Yours truly

J. Carnel



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Rev. Mr. [unclear] Sept 1876

Am. April 23 1880 London 19 August 1876

My dear friend

I have received yr kind letter of the 29 July here in London, where I am on my usual visit to my relatives, having left Pisa more than a month ago. On my return there at the close of the month I shall find yr packages, for which I thank you, as well as for the seeds of Agave, I shall recommend them particularly to my gardener, and if they prosper, further you subsequently any notes you may wish for on the plants; and in a general way any service the botanic garden at Pisa may render you, I beg you will ask Mr. Delpino is now professor at the university of Genoa.



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I am quite satisfied that you
with my position at Pisa, and
thoroughly sensible to the advantages
it gives me as a scientific worker
who requires a good deal of
leisure and liberty; I only
wish the climate were less relaxing
and the place a little more cheerful.
I don't recollect whether I have
forwarded to you my latest
papers; when back at Pisa I shall
ascertain better, and read them
to you if not already sent. I
have just published a little work
for field-botanists to find out the
names of Tuscan plants; and written
a brief sketch of the history of
botany for use to appear in the
Giornale Botanico; But the best
part of my time has been given
to preparing a text-book for my
students, having taken as a
rule to verify all the facts I
mention, you will not be surprised
that I have been a busy two years



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of work, and done only the histo-
logical and morphological parts,
the former without bringing any
new lines out, but the latter has
led me to a treatment of the
subject, which (should it be noticed
at all) will probably raise a hue
and cry over its departure from the
ordinary views expounded in
schools. There I have seen only
very few of our colleagues: Dr.
Masters, Mr. Bull, Baker and
Oliver, Dr. Hooker who is going to
be married again, but does not
look well, I think he is over-worked
with his duties as S. D. I, director
of the Gardens and what not, and his
botanical publications, tho' in that
line he does much less now: Mr.
Lambert in Florence is quite well
again, and has resumed his work
of the Italian flora, he has now
with him as lecturer on cryptogamic
botany Mr. Strengel, a nice young
man, who was formerly my assistant.



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Believe me always

Sincerely yours

T. Carnell



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Mr. Mori

Dear Sir - My assistant,
has found Yucca ^{which cannot}
be distinguished ^{be}
enquired from you ^{of course}

But to make more sure, we should like
to see your description of the species, and
desire to know where we may find it,
as we have not been able to find it
anywhere.

HISTORICAL GARDEN
MISSOURI BOTANICAL GARDEN PAPERS

Yrs truly
T. Arnold

Disa 1. 10. 80



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CARTOLINA POSTALE

DIECI CENTESIMI



Dr. G. Engelmann

St. Louis Missouri

U. S. of America

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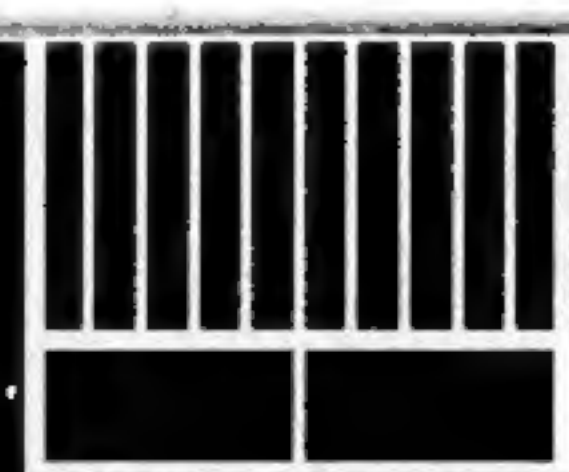
St Louis Aug 30
J of Mank 11 Arbignano near Lyons

14 Aug. 1880

Aug 30

My dear friend

I am spending part
of my holidays here at the
subsidiary, and having more
leisure than at home, I can
answer quietly your kind letter
of April last. My home continues
for the present the University
of Pisa; but it is almost certain
that before the winter sets in
I shall have to transfer it again
to Florence, where I have been
offered the post Barlabore occupied,
and have accepted, under certain



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conditions that it seems will
be acceded to. I will have to
direct both my old garden de'
Simplici and the one at the
Museum, the herbaria there and
all the other botanical collections,
and to teach botany there and
at the pharmaceutical school - a
wholesale arrangement that will
give me plenty of work. But
most of it will be in the begin-
ning, until I have set into good
order the whole business, which
has fallen into a sad state
of disorder and decay during
these three years of mismanage-
ment since Barlato's ^{death}. Of
course I shall consider it one
of my duties to take up and
continue if possible the Flore
italiana.



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I much regretted hearing of
the death of yr kind lady, whom I
will recollect, and of the sad
accident that has happened to yr
son. I hope however he may yet
will overcome it, and free from any
future consequences. My best
thanks for yr botanical writings,
which I have received regularly
from time to time. I trust you
have received those I have
always had good care to send
you - including my little book
on vegetable morphology. I
have not produced much of late,
as most of my time is given
up to working out a new system
of classification, with the view
of bringing the families together
into natural orders - a most
ambitious attempt, but which I

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would find believe will not be
sharply unsuccessful or useless.

With my best wishes
believe me

Yours truly
T. Carr



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