

would be considered as a guide and indicator
what kind of plants are probable to be
found in a district, whose general flora
is known.

In this respect I would never look for *L. arnea*
where I find *L. Michauxii*, at least not close by.

My locality is Lawrence, 16 miles from Nashville
on the Nashville & Chattanooga road.

Prof. Sargent has asked me to make a collection of
woods for him. I replied to him that I am willing
to accept the proposition but would wish, if it could
be done that I would have liberty a chance to make
one or two excursions through the State.

I have been told by the Post Office officials that some
new Postal regulations allow specimens to be accom-
panied by labels. I will examine the law myself.

I believe some of my labels were in the
Superintendence. Yours with the highest
regard A. G. J. G. J.

Nashville Tenn Dec 22nd 79

Dear Prof. Gray.

I have collected last summer a good
many of the seeds of *Thermopsis caroli-*
nensis with the intention of distributing the
same for introduction in flower-gar-
dens. I send you herewith a parcel of them.
The seed coats ought to be cut or filed
before sowing or else they will lay long
in the ground before sprouting.

I collected the *Louisa worthia arnea*
on the 2nd June in open glades on low
and moist ground where few *Gleditsia*,
Betula, *Quercus obtusiloba* & *Prunus mon-*
sicola, *Fraxinus caroli-* represent the
taller vegetation. *Forsteria*, *Rhus aromatica*,
Stelea spolia &c form patches of thick
and on the edge of one I found the

Leaenanthia and close by *Phlox*
Stellaria. *Lobelia appendiculata*
Petalostemon diemum *Talinum ter-*
restris *Antirrhinum* *Trinervium*, *Helio-*
tropium *Troxellum* *Oldenlandia arguta*,
Salvia and several other nice things,
as other seasons grow in the same lo-
cality.

The first specimen I picked up was a
flowering one and I held it between my
fingers quite a little while, thinking it
to be a *Knigii*! until looking closely I
knew at once I had the *Leaenanthia* acce-
ra for which I had been searching so long!
The petals are pure golden yellow with
no purple about it. It does not grow
in quite so large tufts as *Michauxii*
which often forms whole sods. *Michauxii*
has purple^{ish} petals with a yellow eye some-
times more sometimes less distinct.

The seed pods of *Michauxii* are in
average twice as long and turn more
or constricted between the seeds, already
in a very early state

The pods of *acera* have fewer seeds, are
comparatively flatter, but little constricted
between the seeds as this one in
texture.

I have found thousands of *Michauxii*
which is very plentiful around Nash-
ville and looked very closely, for years
whether I could find a yellow one but
I am now sure that there is no interme-
diate forms.

It has always been a matter of peculiar
interest to me to observe the association
of plants which grow as the characteristic
of the vegetation, and much practice in
the more detailed discriminations, I am



Gattinger, Augustin. 1879. "Gattinger, Augustin Dec. 22, 1879." *Asa Gray correspondence*

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