

of all the petals are inserted into
the base of the calyx close to the
stam. sheath. Moreover they are
persistent, - or do not fall off easily
as they do in *Dalea*. The same
structure exists in *D. spinosa*, *D. an-
horceana*, *D. scoparia*, *D. Emorgi*,
& *D. Schottii* w. sp. In true *Dalea*
they are inserted near the middle of
the Stam. sheath. The basal petals
higher up than the wings. Now
what are we to do with these
species. They have a consid-
erable resemblance to each other
in habit. But cannot they better
be placed in *Pterocladus* than in
Dalea.

Perry came here this morning
- on his way to Washington - He will
stay with me a day or two.

Eliza has gone to Washington. We
have nice warm weather and
much love to Lady Jane - & a large
share for yourself - ever yours
J. Torrey

New York, Jan'y. 28th 87

My dear friend

I have your letter. - I must
begin to fear that the parcel
of Musc. has been lost. Did
you take a receipt for it?

The Synopsis of Cactaceae came
safely.

I hope that Hochstetner can
draw those *Asclepiades*. It is
a pity ~~ad~~ select the *Asclepiades*.
cetera - but it may be a
n. sp. I think Klotzsch's

paper in which he describes several
species of *Mesaspis* - *Mesaspis*,
is in the 20th vol. *Linnæa*.

Are you satisfied that *Leuco-
phyllum minus* does not run

into *L. Texanum*? I have
specimens that I am at some
loss which species to refer
them to. You say (in
Ms. Scaph. Mex. Mund.) that
you have no specimen of
L. ambiguum to compare *L.*
minus with -- but did you
not send me my specimen of
no. 1271. Coulter Mex. marked
by Harvey *L. ambig.*? See if
you have it not in your herb.

It looks unlike our plant but
may not be essentially different

I have recently been studying
Spogaceae. That fine
Delile, with a long tube to the

corolla of the leaves velvety under-
neath -- must be new. Engelman
knew it -- but had it not named.

The large-flowered *Auronia* is
also new. The smaller-fl.
mostly pubescent or woolly-leaved
species is the *A. tomentosa* Torr.
in *Flora. Ind. Rep.* -- a rare woolly
form than usual.

You have an *Auronia* -- no. 1667
unght, not collected by Bigelow &
Perry. It is rough-leaved -- the
roughness caused by short stiff hairs
from crustaceous elevated base.
I have called *A. scabra*.

I had occasion lately to look again
at the flowers of *Dalea*. You
know that I once named (but did
not publish) what we now call
D. Fremonti, a *Boralea*. I find
~~that the~~ corolla is truly papilionaceous



Torrey, John. 1857. "Torrey, John Jan. 28, 1857." *John Torrey letters* –.

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