

GEO. ENGELMANN, M. D.

3003 Locust Street.

St. Louis, Mo., Febt 3rd 1882

Dear Mr. Watson

Your *Stellaria* fragments are without fruit and seed, but from the form of the leaves and the sepals I have scarcely a doubt but that it is identical with my plant.

In regard to the *Ceratodon* you are not quite correct; *alpinum* and *Lobii* are very similar in foliage, but otherwise distinct. *C. alpinum* has short erect teeth of involucr, *Lobii* long reflexed ones; a. yellow, & whitish-rose colored flowers; a. long-stalked or stipit., & sessile flowers, at larger ones; a. scarcely hairy filament & broad subulate woolly ones — not to say anything about the inflorescence, which may vary according to circumstances, but my species of *C. alpinum* have all simple heads. I only regret that I have used such a trivial name as *alpinum* and not named it e.g. *laucochrysum* or *luteo-album*. —

At least ^{your} this not much can be said; the cone scales to me certainly point to *subuliforme*, but you can judge for yourself. If you have not good specimens of the scales of the different others I can send you specimens.

but am under the impression that I have
done so already. — The foliage is that
of a stunted grandis, though we would
nearly expect it so far inland; but
then that other coast species, *Tsuga Mertensiana*,
does certainly occur also inland, as you have
found, and also climbs high Mountains as
we saw on Hazel River. Only *Picea*
Sitchensis sticks to the low lands and
tide waters, whence ^{justly} called Tide water
Spruce, and

Yours truly

G. Engelmann.

I believe I asked Prof Gray
whether he knew any thing about a recent
publication of Micheli's or His name ^{or} which
Rich. Buchanan mentioned to me as
containing things clashing with my
views — I do not know what it is,
and should like to see it.



Engelmann, George. 1882. "Engelmann, George Feb. 3, 1882 [to S. Watson]." *George Engelmann letters to Asa Gray*

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