

Rec April 17
Answer by

M

Santa Barbara

Apr 7th 1878

George Engelmann
3003 Lower St. Louis

Dear Sir

Dear Sir

Dear Sir

of this City handed me a letter a few days since from you requesting information of certain shrubs &c. and requested me to send you anything I might find in my explorations as Government surveyor. I herewith send you some cactus seeds. The larger one I gathered from the Mojave desert a year ago last fall. It grows about 10 ft high and is now being manufactured into



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paper with great success.
The smaller seeds are what we
call the Spanish ~~daggers~~^{bayonet}, or commonly
called by the natives bayota.
I do not know the botanical name
it grows something like the Yucca
Filamentosa though quite a different
plant, grows high up in the
mountains among the rocks.

I enclose you a slip from the
Los Angeles Express relative
to a smooth bark pine, which
grows at an altitude of about 8000
8500 ft. I never saw this species
before, and they were confined to
the south slope of one mountain
peak. They grow about 50 to 75
ft high quite straight; they
grow in groups and from 1 to 2



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from diarrhea, I found them
on one of the highest-peaks of
The San Bernardino range
on the head of The San Gabriel
river, or rather on the slope
which slopes to The Mojave desert
I did not examine it minutely
as I never have paid much
attention to such things. They
have a Pine leaf while a Pine
with close grain but the back
is as smooth as Syranore and
about the same color.

I will go out again soon after the
1st of July if Congress makes
any appropriation, anything I
can find that would interest
you, will with pleasure inform
you, and send samples &c.



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I will write to parties in
Los Angeles, to see some of
the hunters who make occasional
trips to that region and see if
I cannot get a specimen, and
a more minute description

Truly yours &c
Wm. H. Harvey
U. S. Deputy Sur

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