

forests which mantle the snow covered peaks farther south. I found *Phlox adsurgens* on a ridge south of Martin's Ferry. It next appeared twenty miles below Happy Camp growing low down, even along the river banks. Along Indian Creek it is associated with *P. speciosa*, Pursh. and *Linnaea borealis*. *Silene campanulata* and *S. Hookeri* grow in great abundance along the Plamath. *S. antirrhina* is common. *Rosche niakia* is very common. The Indians call it "The Squirrel's Grandfather". I found *Sarcodes* near the Siskiyou Summit. On the Illinois River I found four *Darlingtonia* bogs, and on Smith River one which cannot be more

San
July

Dear Dr. Gray

first place, I must
for so long delays.
My thanks for your
letter of May the 2nd.
I do not tell how grateful
for your offer of
Of course, I very
the Compositae part
and the Umbelliferae
as well as any other
will make it the more
ful to my pupils
by your generosity
ask of Prof. W.
with the Umbelliferae
you think he is
willing to give.

I spent three weeks botanizing this year, during which time I traveled on foot over 370 miles of very rough mountain trails. The points in my route indicated on the map are Eureka, Arcata, Camp Garcon (in Hoopa Valley), Martin's Ferry, Orleans Bar, Happy Camp, Waldo (Oregon) Crescent City, Gold Bluffs, Trinidad, Arcata. I went to Hoopa Valley by a trail lying between the two taken last year and thus did not revisit the localities where I found the Newbryas last year. I wanted very much to cross the Siskiyou Mts. by a trail which leaves the Klamath near Cottage Grove, but an old "packer" who lives at the Grove said it would

probably be impossible to follow the trail of snow and that since I was alone it would be a dangerous attempt that would not be worth the effort. I, therefore, left the Klamath Camp and crossed the mountains by the trail which I had taken last year and then took the trail to Waldo. From Waldo I traveled by a trail which lies south of the main road and thus avoided the dense forest of the Illinois and Klamath Rivers than Breckinridge. but the forest was like the dwarfs on the road; so I had no chance of learning any about the possibilities that grow in the

Polander intends to make
Guatemala his permanent
home.

When may we expect
another volume of your
North American Flora?

Could you send me un-
bound sheets of the second
volume of the California Bot-
any in advance of the publica-
tion? I would willingly
pay as much as for the
bound volume for the sake
of getting the book a little
sooner.

Gratefully Yours.

J. Rattan.

than ten miles in
line from the ocean
the Illinois and
the trail lies for
along a rocky ridge
is probably over
the ocean. Here in
soil grows the dwarf
(No. 13.-) bulbs of which
sent in a package
from the other place
down, near the same
found specimens, with
the same lily, with
feet long. Viola
common from 2
Happy Camp to
found little of interest
the coast from
to Trinidad. e.g.,
of plants. The Pa
made some very



Rattan, Volney. 1879. "Rattan, Volney July 18, 1879." *Asa Gray correspondence*

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