

91, 313),  
White Mts.,  
Brandegee,  
and 156b

97; Truckee, Sonne, 1886, 112, and Brandegee, July 1884;  
Bartlett Mt., Brandegee, June 1884; Snow Mt., Brandegee,  
June 1891; Sequoia Mills, Brandegee, July 1892).

*G. strictum*, Gray, Proc. Amer. Acad. vii. (1867), 340, according to  
Watson (Bibl. Index, 363), and the type specimens, is *Boisduvalia*  
Torreyi.

ia, on the  
and Torrey  
and Gray is  
this to the  
sal use, is  
f the syn-  
ruit occurs

The genus *Gayophytum* was founded on a South Amer-  
ican species, *G. humile* Juss.,\* of Chili and Peru. The  
original plate of Jussieu, and Gay's plate for a tracing of  
which I am indebted to Mr. Hemsley, show that this species  
is nearly identical with *G. pumilum*, having flattened cap-  
sules with numerous oblique seeds. Specimens referable  
here occur in the herbarium of the California Academy,  
from the mountains about Santiago, as *G. humile* Juss. and  
*G. densifolium* Ph., and it may be questioned whether  
study of additional material may not necessitate the adop-  
tion of Jussieu's name for the North American plant which  
now bears the name of *pumilum*. *G. micranthum* Hook.  
& Arnott, in Hook. Bot. Miscell. iii. 311 (*Oenothera*  
*micrantha* Presl, Rel. Haenk. ii. 31 †), which is generally  
held to be the same as *humile*, is represented in the Gray  
herbarium by a fragment from Hooker, which has the  
elongated internodes, dichotomous habit, clavate torulose  
capsules on filiform pedicels, and few large dark seeds, of  
the *ramosissimum* group, and from this fragment one would  
hesitate to call it different from the latter, but it is pos-  
sible that some error has occurred in the labeling. Appar-  
ently of a single species, separable from *humile*, are the  
following specimens in the herbarium of the California  
Academy, from the Andes near Santiago: — *G. minutum*,  
Ph., *G. gracile*, Ph., and *G. robustum*, Ph., — all of which  
appear more closely related to *caesium* than to any other  
species. I am disposed to think that these (together with

viii. 1883,  
ately few  
kly erect,  
us; leaves  
the inter-  
the petals  
the last;  
ontrary to  
ect; seeds  
ller, about  
7 mm.)—

na region,  
oleon Val-  
31, 1881;  
(Klamath  
, July 19,  
887), and  
880; Kel-  
rt; Sierra  
non, 1876,  
1, 1882;  
May 1876;  
ey, 1865,

\* Jussieu, Ann. Sc. nat. 1832, xxv. 18, pl. 4; Gay, Flora Chilena, ii.  
324, pl. 22.

† Datlug from 1825, as Mr. Hemsley informs me.