

or pyriform without angles and
smooth (*P. pinnata*) or ovate
sharp angled or narrow winged almost
that of *Utricularia* (*P. barbaudensis*)
or with three large wings at the
top and back like a *Thouinia* (*P.*
mesperitica) or almost any intermediate
form - so that there is plenty of
scope for puzzling one's brains.

Yours very sincerely

George S. Watson

In writing to Hooker in a
hurry yesterday I was only thinking
of his son's return - I intended
to have asked him to take care
that I see the proof of my
papers on *Prunella* plants. Will
you do so for me.

Contadora, March 6th 1851

[1851]

My dear Gray

Pray thank Mr Gray for
his note - Hooker himself was
kind enough to write me a few
lines containing the good news
which I received yesterday - otherwise
Mr Gray's note would have relieved
me from much anxiety as I knew
by the paper that the mail had
come in - so I am not the less
obliged to her. I should have
written to her but that I wanted
to say a few words about *Serjania*
you ask whether a specimen of
Wrightia in *Serjania* or *Pavellinia*
mine is but a fragment without
fruit - and without fruit one
cannot distinguish the genera with
certainty - *Wrightia* plant is very
near to a *Serjania* which I have
always taken for *S. racemosa* Schum.

but about which name I have now
some doubts - and to a *Paullinia* which
from my specimens I appear to have
called in Bot. Sulph. *Paullinia pueraria*
(with acuminate leaves) and *Serjania*
lupulina (with rounded blunt leaves)
I have now Guatemalan specimens in
good fruit showing it to be a true
Paullinia - Wright's plant is near
them both but apparently distinct
and as I see that in the *Serjanie*
allied to it the inflorescence is by
the lateral branches being developed
and in the *Paullinie* of the group
the flowers are more densely fasci-
culated & almost sessile I suspect
Wright's plant to be a *Serjania*

Torrey sent me from Catow &
Edwardes Monterey collection under
n. 10 two plants - one in fruit is an
Hovillea apparently new the other
is fl. only with ^{ternate leaves} ~~oblongate leaves~~
as the apparently the common *Serjania*
which I take for *S. racemosa* Schum.
Would you kindly look at Hooker's

Serjanie and see whether Hooker
has made any corrections to my
Bot. Sulph. names - also if Hooker
has Schumacher's paper on *Serjania*
(from the Copenhagen transactions)
which I have not compared his figures
& description with what I have called
Serjania racemosa

Miquel's *Paullinia diversiflora* is
P. pinnata L.

Walpers' *Paullinia ellizaeana* is
Serjania curpidata

Hovilleas have always leaflets
simply ternate & generally small flowers

Serjanies have leaflets either
simply ternate or biternate - seldom if
ever pinnate - Racemes generally
loose and large flowers

Paullinie have leaflets sometimes but
rarely simply ternate - mostly biternate
simply pinnate - pinnate with the
lower pair trifoliate - or supra-
decompound - Inflorescence variable
but flowers often fascicled & subsessile -
fruit either thick stipitate globose-
triangular, like a *Cuponia* (*P. coropodia*)



Bentham, George. 1851. "Bentham, George Mar. 6, [1851]." *George Bentham letters to Asa Gray*

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