

Dec 26

Dear Dr. Huxley

Thank you very much for the collection of *Spizella* and I will have notes

As to *P. melanura* I think in all the specimens the Culmen specimens are much more slender than in *P. melanura* and there is a much greater development of defensive spines on the surface. The supple rod is absolutely single in most specimens. In others there seems to have been a degree of loose roots. The arching spine is always smaller than that of *P. melanura* independent of the date of adult. However it has usually more thickly than usual matter in it.

P. Polynema - I cannot find any distinctive spicular characters. I may suppose the var. *melanura* to be young. The adult ones are being

Large several inches across
but flattened out irregular
and they seem to have had
a broad base with many flat
specimens often clavate. If
most I think be quite distinct
from the others,

P. Gathripinus. On comparing
a number of mine a leafy
specimen I find the
marked central form distinct
and about four feet across
including specimens. The most
distinctive character is the
smallness and crowding of
the crepuscular specimens which
smaller even small fragments
to be distinguished from the other
specimens,

I wish you could suggest
good names for the species pro-
visionally referred to *Glyptodermis*
& *Sandocladia*. Under the last
name I have No 9 & No 10 may be
altogether distinct specimens

I shall be glad if you can
return to me a parcel just
the best specimens of Gallioxygus
as I find there are not
a good to figure.

I shall probably have
some further notes & suggestions
as to the other specimens soon.