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Instead
Norwich
Jan^y 13. 1868.

My dear Mess^{rs} Sartet,

Mrs Gurn and I are much gratified by your and Madame Sartet's kind remembrance of us, and expressions of regard and esteem, which we cordially reciprocate.

For myself, I thank you, for the very interesting geological information contained in your letter, and for the Note sur deux Swinins fœfites, on the discovery of which I beg to congratulate you. We proposed to read a translation of it at our last Meeting of the Norwich Geological Society, but from pressure of matter it was deferred to the next. I have waited too long to reply to your inquiries already, and will defer no longer to do so.

First) after 35 years search in the forests bed I have not detected a single fragment of the Rein-deer



nor has D. Falconer, who has
 repeatedly overlooked my collections.
 Moreover, I do not think that a
 vestige of any palmated horn has
 been brought to light from that
 bed. There are post-glacial
 beds in the upper part of the cliffs
 in Norfolk and Suffolk, and from
 these specimens of the Reindeer
 may have fallen, and have been
 picked up upon the beach.

The same cause may have led
 to the intermixture of the *Elephas*
primigenius with older remains
 from the forest, and D. Falconer
 may have thus been ~~been~~ deceived.

Remains of the Reindeer
 associated with the *E. primigenius*
Phocaena tetro and *Hydrob.
 Lanius* are obtained in great
 abundance by dredging off
 Yarmouth and the Dutch coast;

and they may have been washed
 on shore from this postglacial
 bed. A fine tooth of the
 E. primig. was brought me by
 a man, who affirmed that he
 picked it up on the beach at
 Yarmouth, but I have never
 myself obtained any from the
 Forest-bed, except some which
 Dr. Falconer considered to be an
 old type of the E. primig.
 On this subject I wish to submit to
 you a few remarks, but I will first
 endeavour to reply to your inquiries.

Secondly

You are quite right
 about the localities and beds
 from which the remains of the
 Mastodon overmensis are
 derived, viz. the Red crags
 in the Suffolk and the Norwich crag
 immediately above the Chalk, in
 a layer of large flints, but not

in the Forest bed or in the upper
beds of Norwich crag, which,
I have come to the conclusion,
must be detached from the lower
"Mastodon crag immediately above
the chalk, and placed above the
Forest bed in the Laminated
Series.

You are, I think, quite right
in supposing that the *Elephas merid.*
is found associated with the Mastodon
both in the Red Suffolk crag and
in the lowest Norwich crag, and is
continued in the Forest bed, and
there, I believe, during an
enormous period of time, it has
undergone such changes, that either
it must be transferred from the
Loxodon to the *Elephas* group,
or else a new species is required.
The former, appears to me to be
the case and it is this meta-
morphosed form with very thin

enamel-plates, which I am inclined to believe, nearly constitutes D. Falconer's old type of the *L. pringi*.

I am happy to inform you that I have considerably enlarged my collection both of Proboscidean and Cervine remains, since we spent that happy day with our dear old friend in an excursion along the beach and at Instead.

I am now engaged in naming and arranging my collection preparatory to its removal to the Norwich Museum, where a room is built for its reception, and I should be much obliged, if you would refresh my memory, as to whether you observed any specimens of the Red deer *C. Elaphus* ^{in my collection}. I have found the Volume with fine plates of

deers horns of great assistance,
and I feel much indebted to
you for that valuable gift.

I shall be glad to adopt your
suggestion respecting the publication
of a description with figures, of
the new species of *Cervone*, proboscidea
remains in my collection, especially
if you will be so good as to assist me,
for, I fear, I am scarcely equal
to it.

I have a great desire to visit
and search for *Gophers* at St. Pie's
near Chartres where there appears
to be a counter part of the forest-
bed.

Mrs. Sumner desires to unite
with me in expressions of esteem
and regard to Madame Lestib.
and yourself. I am, dear Mad. Lestib.
as ever, truly,
John G. Cooper