

My Dear Sir

My sincerest thanks for all your great kindness, by which we have received such charming and interesting pieces of so very old time.

Your great kindness filled out a great gap in our collection, then we possess nothing of your kindly presented rarities

I would be pleased, when you have find in the rests of *Dorcatherium* some information and you will excuse when I contradict in some points.

My *C. Bertholdi* is a true *Cervus* and is a quite different form after the conformation of the teeth.



b. is a perpendicular valley which goes deep through the whole height of the teeth like all the teeth of the true *Cervidae* and the anterior conical elevations are nearly in the same plain

All this is not to find in the teeth, which belongs to the *Dorcatheridae*. The valley which dissected the anterior from the interior conical elevations is not perpendicular, but oblique by the direction of the interior walls of the exterior and interior conical elevations, and the anterior plain is irregular by the oblique situation of the exterior conical protuberances, compare your large teeth of *D. eminentis*

In which group shall belong *Cerous Bertholdi*: this to say is an impossibility, before we not have more materials.

I believe it is enough to say: it is a species of the large Genus of Linnæ's *Cerous* or the true *Ceroidae*.

Before we not have the skulls with the horns in each age we shall make immense faults to classify upon one tooth.

I for my part I cannot find any difference between the molars of *Dorcatherium* and *Palaeomeryx*.

The presence or absence of the first molar in the lower jaw cannot be a mark to separate *Palaeomeryx* from *Dorcatherium*, because the 7th molar can be loosed in the greatest number of lower jaws and the alveole of it can be filled out, that nobody can see a trace, that such a minations tooth was present in the earliest time.

Only the whole conformation of the truer molars and the ^{more} compressed premolars (like porc) with the canine teeth in the upper jaw is a sign to separate the *Ceroidae* from the *Dorcatheridae*.

I am sure that we have *Dorcatheridae*, which have always teeth only in the number of six like *Cerous* and that we shall find forms with no traces of canines in the family of the *Dorcatheridae*.

Therefore it is a question if we not do better

form of the
all the antediluvial forms with the same true and
premolars to give one and the same name and to
give up a future time to separate such a large
Genus in smaller ones.

Herm. de Meyer Palaeomeryx Bojani is a true very larg. Dorcath.
Frakard Ceruus pseudelaphus I have not seen.

Le Chevreuil de Montabazard is certainly the same as D. Naui.

I cannot find a difference in the premolars and true molars.

Although I believe that the number 7 (4 premolars)
in Dorcatherium is variabel, I must confess, that the
lower jaw, after which I created the Genus Dorcatherium
has the alveole for the 7th first molar and that the
lower jaw on the head, in possession of Prof. de Kleipstein,
has this tooth on both sides.

Therefore I can not believe, that the two complet
lowerjaws from Eppelsheim are anomalies, because I see also
in the smaller species of D. Meyer (Pal. medius H. Mey.) this small tooth
or the alveole for it.

On my Ceruus nanus I have no opinion, because I dont know
the paper of Mr Henzel. Our library want all the new works
and after the death of Mr Schleiermacher the library has
no sens for natural history.

For the comparason of the fragment of Metatarsus

I have no materials - also I dont know your Micromeryx
which you think that it is syngon with Partschii

In possession of Professor de Kleipstein is a nearly complete skeleton of a small *Dorcatherium*. The anterior and posterior legs, but I forgot the name because it is a long time, that I arranged all the small bones, which my friend collected in Weissenau near Mayence.

I will write in this days and beg Pr. d. Kl. to send to you this materials; but I have a little doubts, that he will be so liberal to give to you for some weeks his bones.

The Parisienne Museum promise to me to send the cast of *Dinoth. Cuvieri* (Upper jaw), but never I hear of it. My name for it is for a great number of years in the books of the old ministration - but nobody will extinguish such an old Dept.

Would you have the kindness to bring it in remembrance. Mr Merleux can confirm my wishes.

I am my dear friend

Your truly Naup

Darmst. the July 64.