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PLATES AND THEIR EXPLANATIONS.

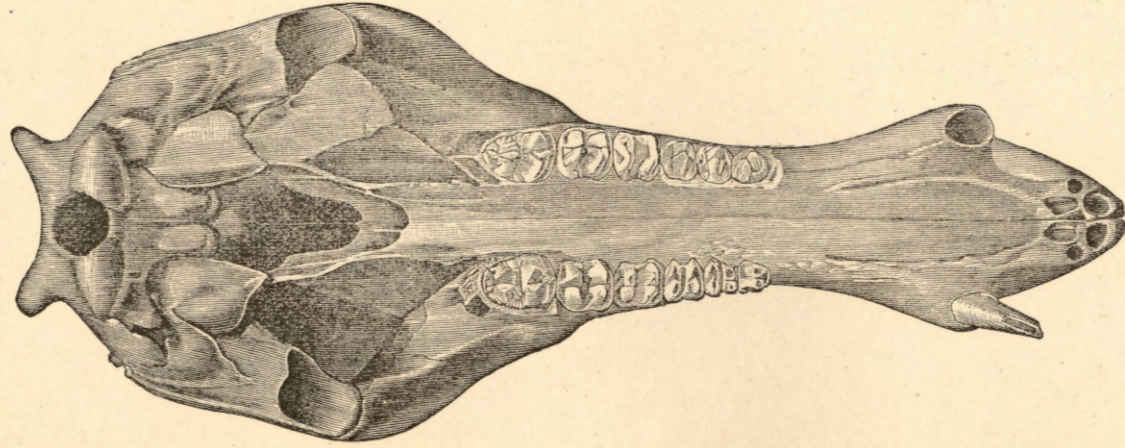
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## PLATE 1.

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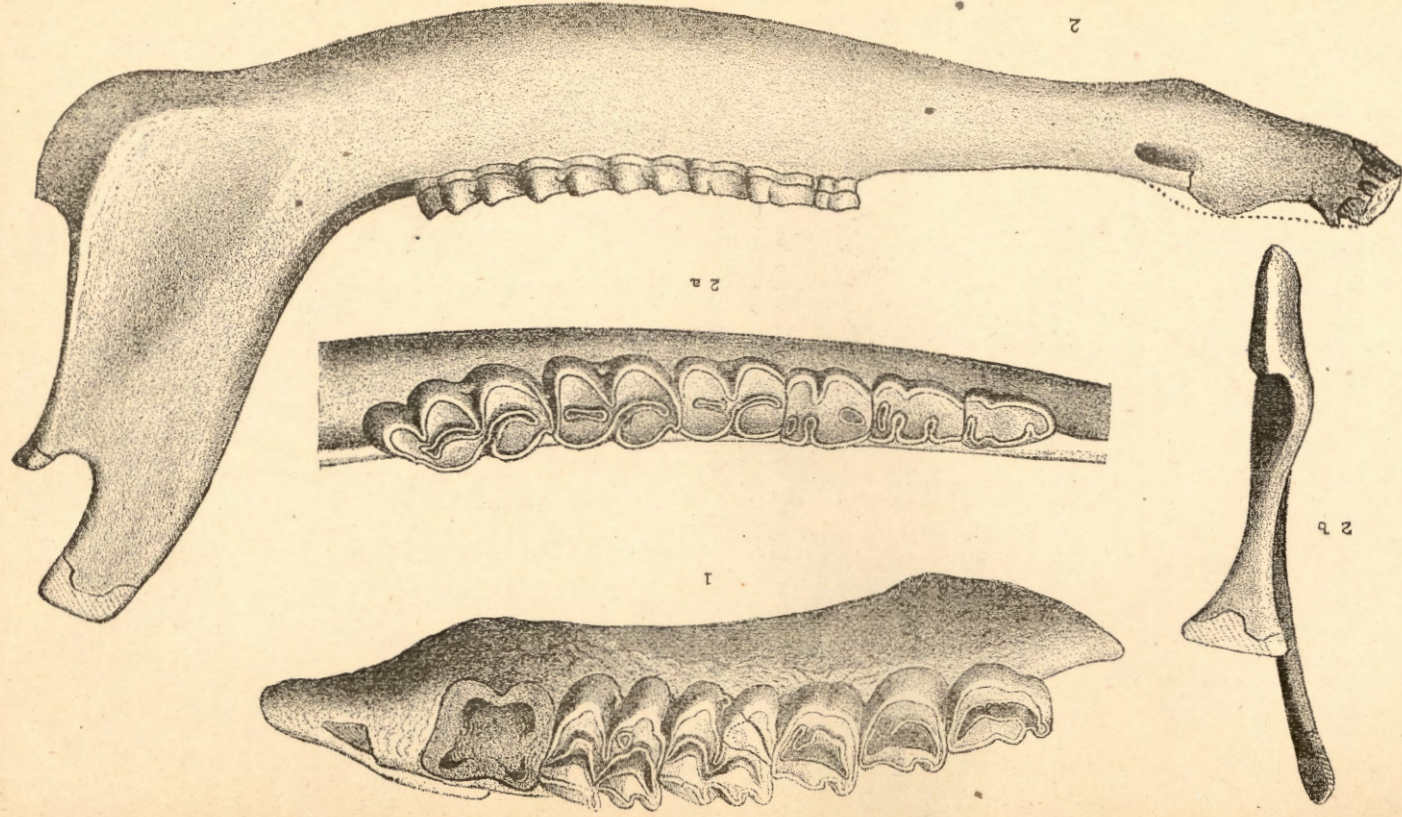
Under view of the cranium of *Platygonus compressus*, Le C., from a Saltpetre cave in Kentucky; after Leidy.



## PLATE 2.

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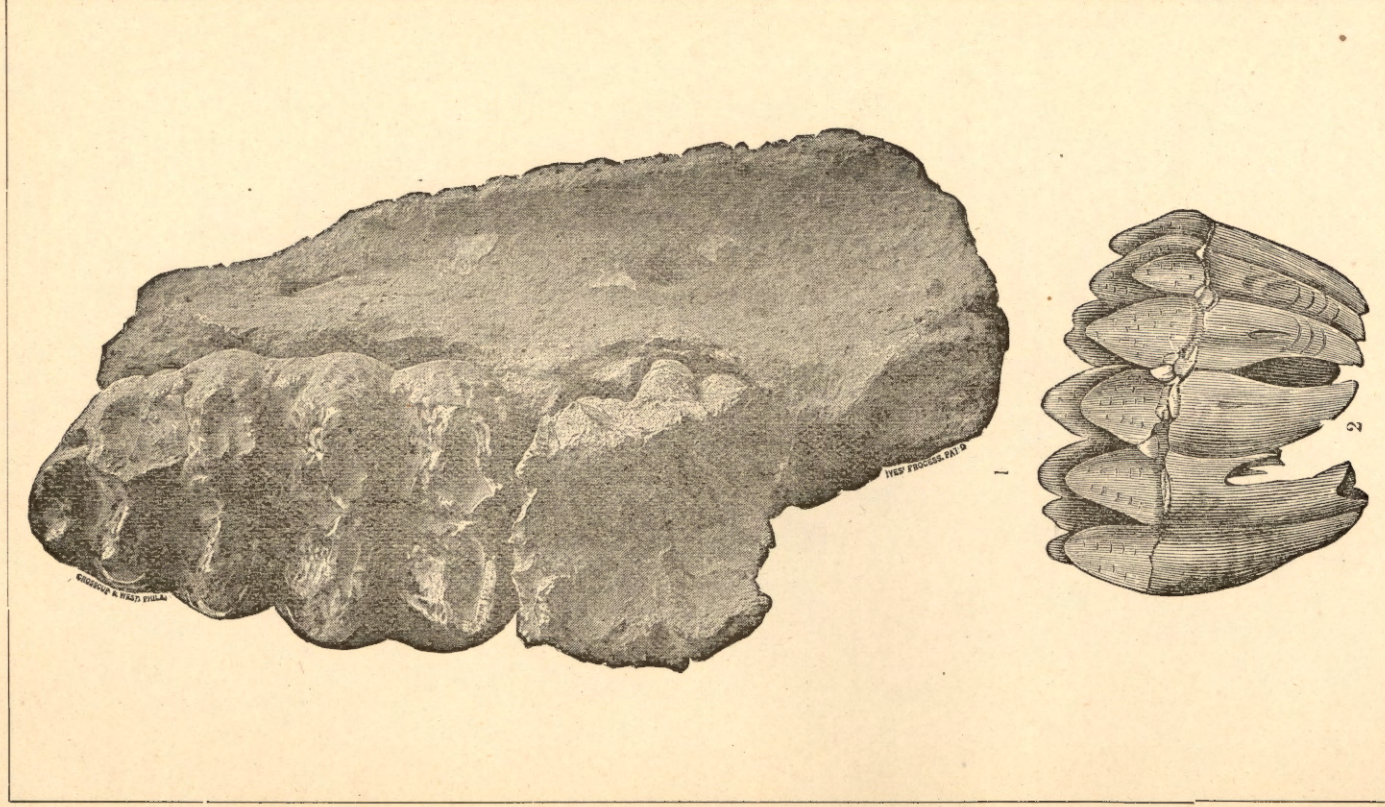
- Fig. 1. Left maxillary bone of *Cariacus dolichopsis*, Cope, with teeth, from below.
- Fig. 2. Left mandibular ramus of *Cariacus dolichopsis*, Cope, external view; *a* from above, *b* from behind. Figs. 1 and 2*a* natural size.



## PLATE 3.

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- Fig. 1. Portion of left superior maxillary bone of *Mastodon americanus*, Cuv.  
About one-third natural size.
- Fig. 2. Tooth of *Mastodon americanus*, one-fourth natural size; side view.

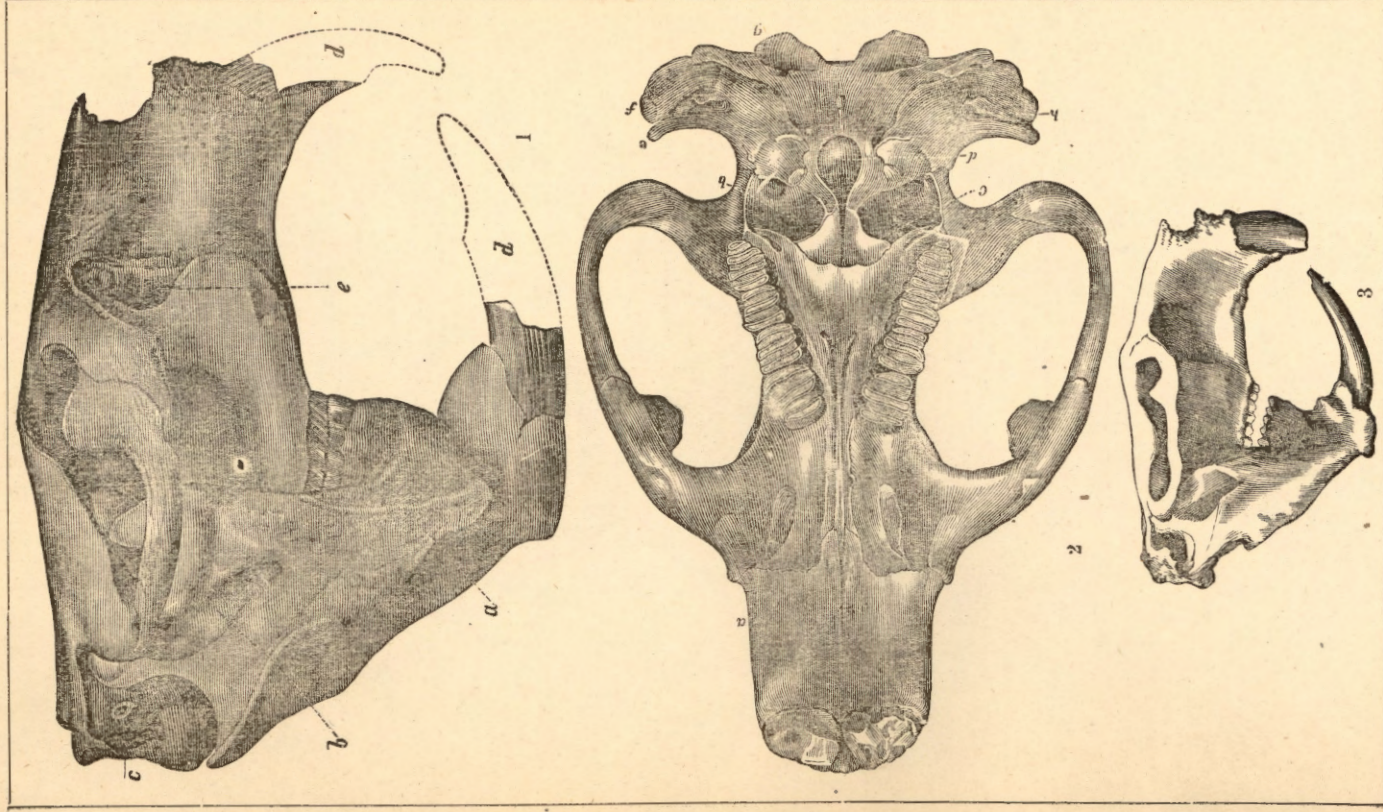


## PLATE 4.

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- Fig. 1. Skull of *Castoroides ohioensis*, Fost. Two-fifths natural size. *a.* Inferior attachment of masseter muscle. *b.* Deep fossa below sigmoid notch of mandible. *c.* External auditory meatus. *d.* Superior and inferior incisors. *e.* Foramen infra-orbital.
- Fig. 2. Under view of same, two-fifths natural size. *a.* Incisive foramina. *b.* Pterygoid fossa. *c.* Internal pterygoid plates. *d.* Fossa in base, occipital. *e.* External auditory meatus. *f.* Mastoid process. *g.* Condyles. *h.* Tympanic bulla. After Hall and Wyman.
- Fig. 3. Reduced figure, showing length of incisors.

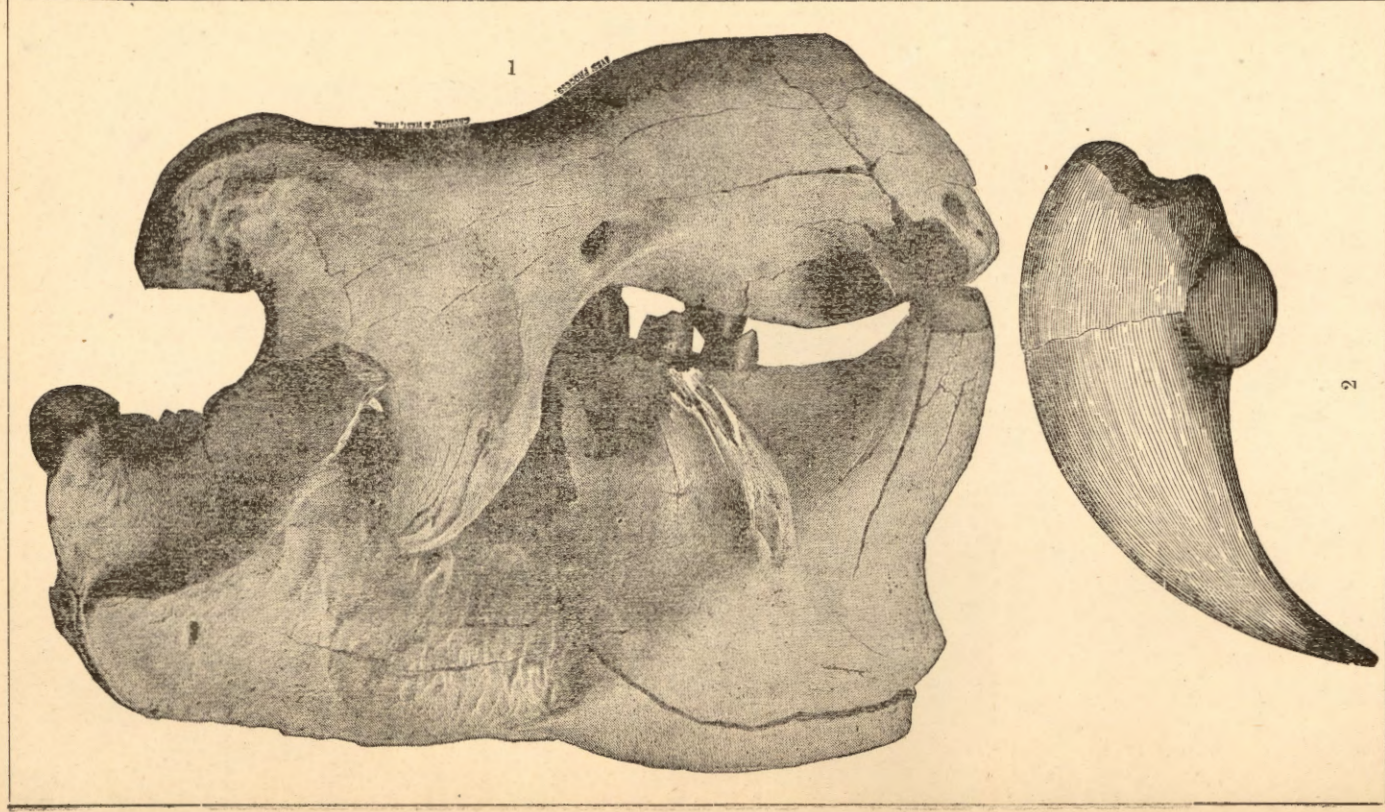




## PLATE 5.

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- Fig. 1. Skull of *Megalonyx jeffersoni*, slightly more than one-third natural size; in cabinet of Indiana State University, from Kentucky, on the banks of Ohio river, below Henderson; after Leidy.
- Fig. 2. Claw-phalange of same, one-half natural size (very poor).



## PLATE 6.

Pages 32, 33.

- Fig. 1. *Mastodon americanus*. Skull one-eleventh natural size.
- Fig. 2. *Elephas primigenius*. Lower jaw, young, one-fourteenth natural size.
- Fig. 3. One-eighth size view of molar, *E. primigenius*.
- Fig. 4. Quarter size view of molar of *E. primigenius*.
- Fig. 5. Face view, or grinding surface, of molar of Indiana Elephant; one-fourth to one-fifth natural size.

