

Fig. 21. *Tapirus (Megatapirus) angustus*. No. 18433, type skull, side view. Two-fifths natural size.

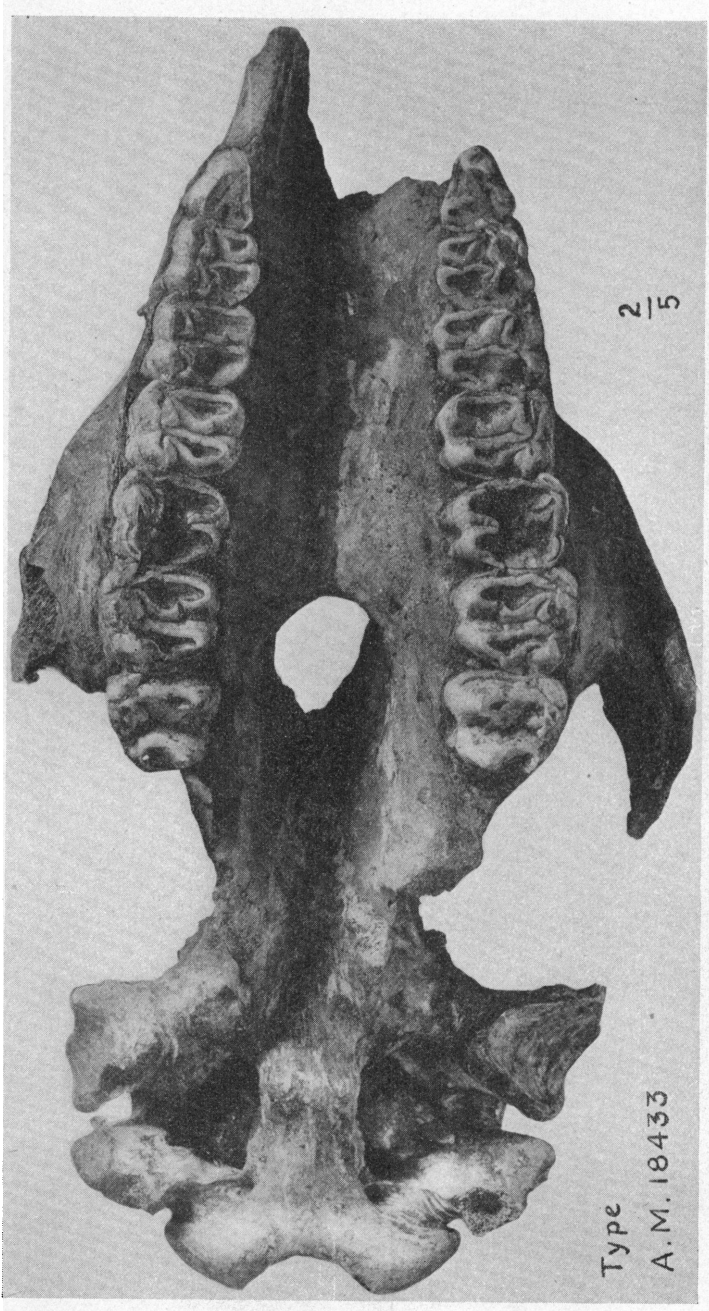


Fig. 22. *Tapirus augustus*. No. 18433. Palatal view of type skull. Two-fifths natural size.

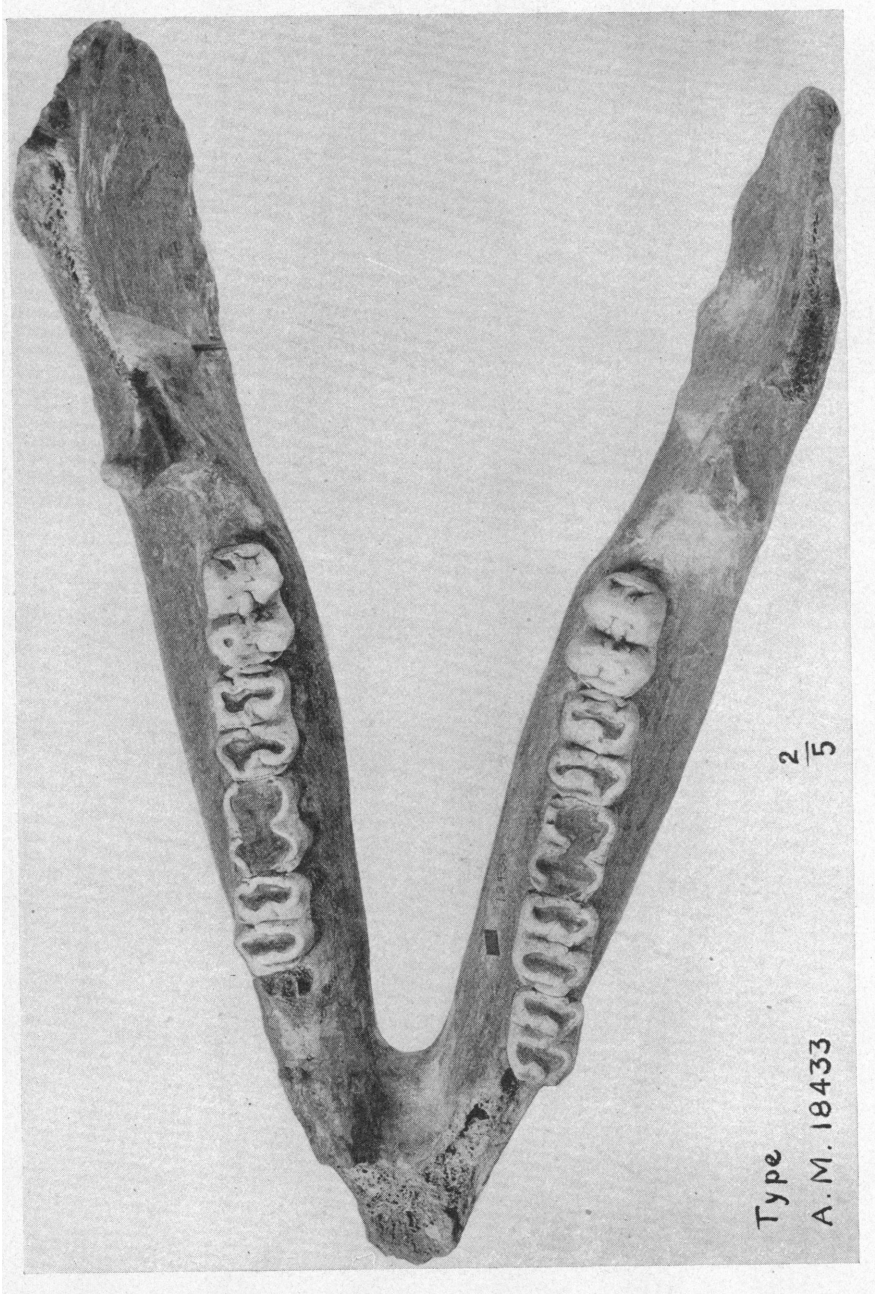


Fig. 23. *Tapirus augustus*. No. 18433. Lower jaw of type, top view. Two-fifths natural size.



Fig. 24. *Tapirus augustus*. No. 18433. Lower jaw of type, outside view. Two-fifths natural size.

MEASUREMENTS

| No. 18433                                   | No. 18428 | No. 18432 | <i>T. sinensis</i> | <i>T. hayasi</i><br>Philos. Acad. | <i>T. malayanus</i><br>A. M. 14106 | <i>T. americanus</i><br>A. M. 36198 |
|---|-----------|-----------|--------------------|-----------------------------------|------------------------------------|-------------------------------------|
| Skull length pmx-condyles                   | E. 530    |           |                    |                                   | 417                                | 390                                 |
| " width                                     | E. 280    | 205       |                    | 174                               | E. 151                             | 145                                 |
| Upper teeth, p <sup>1</sup> -m <sup>3</sup> | 214       | 101       |                    | 79                                | 18×14                              | 70                                  |
| " molars m <sup>1-3</sup>                   | 101       |           |                    | 20×19                             | 20×23                              | 17×17                               |
| Diameters of p <sup>1</sup> a-p×tr.         | 27×25     | 28×34     | 25×31              | 21×25                             | 23×27                              | 18×22                               |
| " " p <sup>2</sup>                          | 27×31     | 29×37     |                    | 21×25                             |                                    | 19×25                               |
| " " p <sup>3</sup>                          | 30×36     | 30×38     |                    | 22×26                             |                                    | 19×27                               |
| " " p <sup>4</sup>                          | 29×38     | 31×37     |                    | 24×28                             |                                    | 19×24                               |
| " " m <sup>1</sup>                          | 29×38     | 34×40     | 29×31              | 26×30                             | 24×25                              | 19×24                               |
| " " m <sup>2</sup>                          | 31×38     | 34×40     | 27×31 <sup>1</sup> | 26×30                             | 27×30                              | 24×26                               |
| " " m <sup>3</sup>                          | 36×40     | 34×40     |                    | 161                               | 152                                | 25×26                               |
| " " m <sup>3</sup>                          | 34×40     | 199       |                    | 89                                |                                    | 136                                 |
| Lower teeth p <sup>2</sup> -m <sup>3</sup>  | 104       | 107       |                    | 25×17                             | 24×13                              | 70                                  |
| " molars m <sup>1-3</sup>                   |           | 34×19     |                    | 22×19                             | 24×19                              | 20×15                               |
| Diameters of p <sup>2</sup>                 | 20×22     | 31×24     | 26×19              | 23×19                             | 25×17                              | 20×19                               |
| " " p <sup>3</sup>                          | 31×25     | 31×26     |                    | 27×19                             | 24×18                              | 21×19                               |
| " " p <sup>4</sup>                          | 32×24     | 32×25     | 27×21              | 28×21                             |                                    | 21×17                               |
| " " m <sup>1</sup>                          | 34×27     | 35×26     | 29×21              | 28×21                             |                                    | 25×19                               |
| " " m <sup>2</sup>                          | 38×28     | 38×27     |                    | 28×21                             |                                    | 26×19                               |

<sup>1</sup>From Owen's figures.

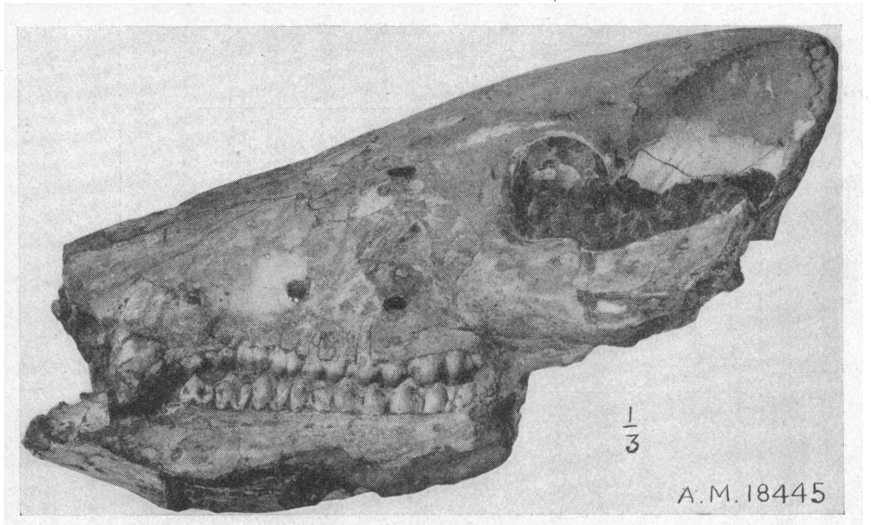


Fig. 25. *Sus* sp. cf. *hyotherioides* Schl. No. 18445, skull and jaws. One-third natural size.

***Sus* compare *S. hyotherioides* Schlosser**

This is a species about the size of the modern *Potamochoerus* but  $p^4$  is larger and more complex.

***Proboselaphus watasei* Matsumoto**

Several incomplete skulls, numerous jaws and skeletal bones are provisionally referred to this species. If the reference be correct, it would appear to be rather nearly related to the nilghai (*Boselaphus*) of India.

***Bibos geron* Matsumoto**

This species was based upon parts of upper and lower jaw. We refer to it a series of skulls, skeletons, upper and lower jaws, etc., of which No. 18465, a fairly complete skull, is selected as neotype. The affinity to the gaur and other species of this group is shown especially in the character of the horns, flattened, angulate, arising from the vertex of the skull and sweeping downward and upward, but not backward.

Koken and Matsumoto record *Buffelus* and *Bison* upon the evidence of teeth. While there is a very large series of Bovinæ skulls, jaws, etc., and a considerable variation in the characters of the teeth, we have not seen among the skulls and horns any evidence of any other true bovine type than *Bibos*. Whether the supposed distinctions among the teeth