

or Rhinoceros; and the upper convex surfaces of some of them exhibit a rugous and flattened condition of that part, on which the weight of a bony cuirass would most immediately have rested.

Anterior Extremity.

The *scapula* or shoulder blade, (Pl. 5, Fig. 1, f,) resembles that of no other family except the Sloths, and exhibits in the Acromion (g,) contrivances for strength, peculiar to itself and them, in its mode of articulation with the collar bone (h); it exhibits also unusual provisions for the support of the most powerful muscles for the movement of the arm.

The *clavicle* or collar bone (h) is strong, and curved nearly as in the human subject; the presence of this bone in the Megatherium, whilst it is wanting in the Elephant, Rhinoceros, and all the large ruminating animals, shows that the fore-leg discharged some other office, than that of an organ of locomotion. This clavicle would give a steady and fixt position to the socket, or glenoid cavity of the scapula, admitting of rotatory motion in the fore-leg, analogous to that of the human arm. There is in these circumstances a triple accommodation to the form and habits of the Megatherium; 1°. a free rotatory power of the arm was auxiliary to its office, as an