

would be the nearer to digit III if digit I were directed forward instead of outward, is the one in which occurs the greater development of the lateral pit and groove, in the proximal and distal joints respectively.

In the phalanges generally the surface of the bone is usually roughened by irregular striations, having a somewhat longitudinal direction, in the neighbourhood of the lateral pits and grooves, on the side and superior faces proximally, and especially on the proximal part of the lower surface. In the midlength region generally the bone is smooth but the lower surface of the unguals is inclined to be rugose throughout. The smooth articular surfaces have their boundaries distinctly defined by a line of demarcation.

Measurements of Phalanges of Right Pes of Type.

The length of the phalanges as given below, is taken from the middle of the proximal articular surface to that of the distal one, and in the unguals in a straight line to the tip, and the breadth is that of the distal articular surface at its midheight.

	Mm.
Digit I, length.....	about 194
Phalanx 1, length.....	190
breadth.....	33
Phalanx 2, (ungual), length.....	95
Digit II, length.....	about 400
Phalanx 1, length.....	164
breadth.....	69
Phalanx 2, length.....	121
breadth.....	50
Phalanx 3 (ungual), length.....	120
Digit III, length.....	with normal ungual about 477
Phalanx 1, length.....	163
breadth.....	82
Phalanx 2, length.....	122
breadth.....	64
Phalanx 3, length.....	93
breadth.....	54
Phalanx 4 (ungual, abnormal in shape), length.....	45
Digit IV, length.....	410
Phalanx 1, length.....	110
breadth.....	77
Phalanx 2, length.....	92
breadth.....	63
Phalanx 3, length.....	65
breadth.....	56
Phalanx 4, length.....	50
breadth.....	44
Phalanx 5 (ungual), length.....	104

Some of the bones of the type specimen show signs of having been injured, and others of having been diseased in places, in the lifetime of the animal.

The right third dorsal rib had been broken or very much bent, and the thirteenth and fourteenth ventral ribs of the right side had undoubtedly been fractured. The injury is indicated by a thickening of the bone and a roughness of the surface next to where the parts had knit. Also the fibula of the left leg is irregularly thickened near its distal end and has every appearance of having been broken.