08
Bone and Joint
08-01. Femur, transverse section. Monkey, H-E stain, x 2.5.
08-02.
Distal end of femur, sagittal section.
Monkey, H-E stain, x 1.3.
08-03.
Patella,
sagittal section.
Monkey,
H-E stain,
x 1.3.
08-04. Transition from tendon, cartilage and bone, longitudinal section. Monkey, H-E stain, x 10.
08-06. Synovial villi. Monkey, H-E stain, x 25.
08-08. Meniscus articularis. Monkey,  H-E stain, x 160.
08-11.
Development of long tubular bone
1. (Scheme)
08-12. Development of long tubular bone 2.
(Scheme).

- Perichondrium
- Cartilage cells arranging in column
- Calcified cartilage matrix
- Bone formed on the surface of cartilage
- Osteoblasts
- Osteoblastic tissue from the perichondrium
- Calcified cartilage, core of bone spicule
- Degenerated cartilage cell
- Osteoblastic tissue destroying cartilage
- Bone formed on the surface of the cartilage by osteoblastic tissue
Osteoblastic tissue.
Monkey,
H-E stain,
x 64.
08-17. Osteoclast. Monkey, H-E stain, x 400.