

Copy of printed x-ray diffraction exposures referenced as "Pinhole camera diffraction patterns of kangaroo tail tendon"

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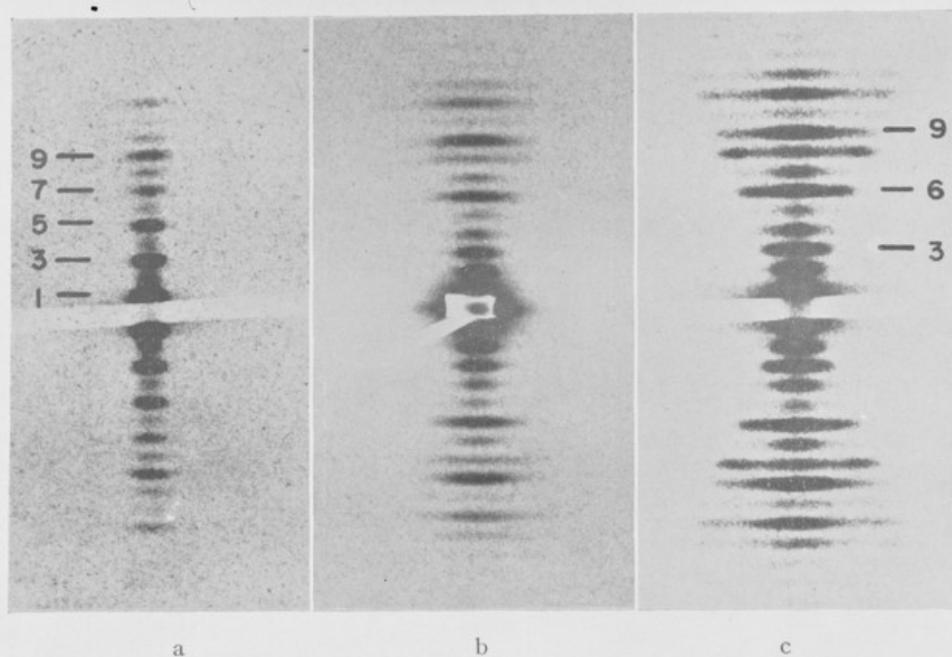


FIGURE 2.—Pinhole-camera diffraction patterns of kangaroo tail tendon: (a) with excess moisture present; (b) after soaking in water for two months, then drying under tension; and (c) after brief exposure to water and drying under tension. All patterns are magnified equally from their original size as obtained from a camera with 800 Å resolution vertically (axially or meridionally) and 400 Å horizontally (transversely or equatorially), using filtered $\text{CuK}\alpha$ radiation and a 15-cm. specimen-to-film distance³. Layer-line indices are indicated.

(b) Collagen fibrils often show a tendency toward longitudinal cleavage