Copy of a printed diagram referenced as "Hypothetical models of chromosome structure. DNA-histone fibers"

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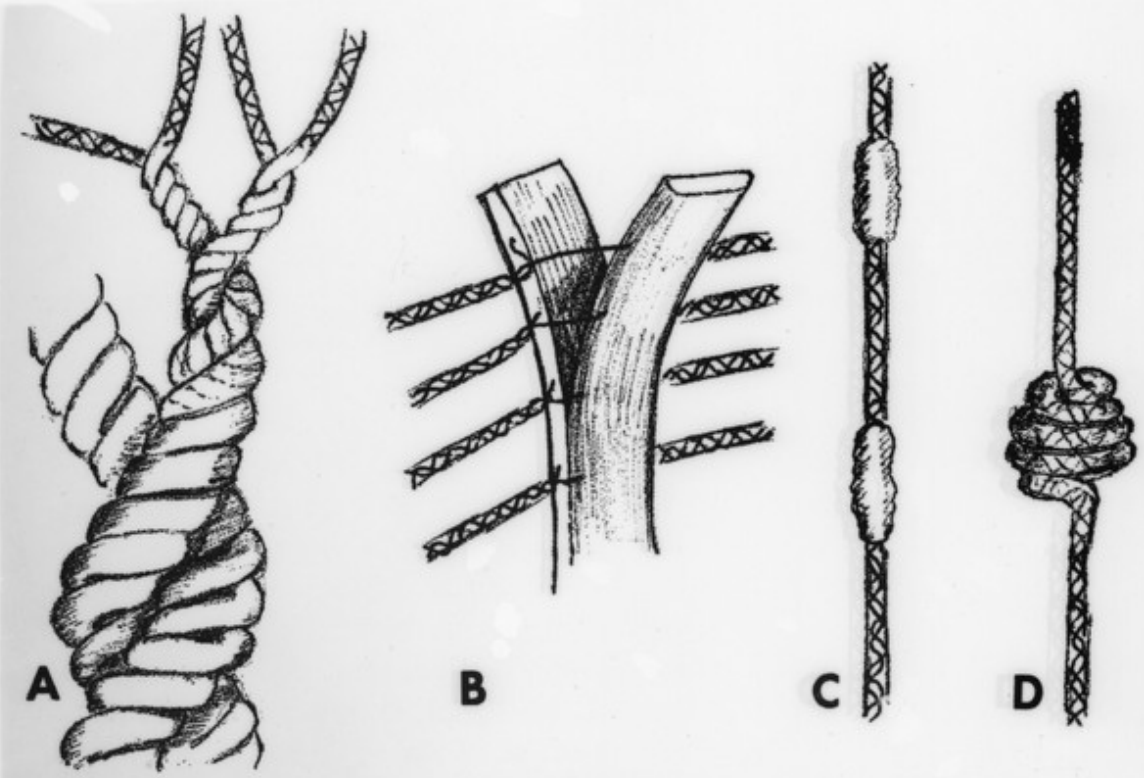

Hypothetical models of chromosome structure. (*A*) Multistranded or "rope" hypothesis, showing a portion of the chromosome made up of 8 double helices of DNA histone. (*After Steffensen*, 1959.) (*B*) "Protein-backbone" hypothesis, showing a central ribbon of protein, to which DNA-histone fibers are attached laterally. An early stage is shown in the postulated separation of strands prior to chromosome replication. (*After Taylor*, 1957.) (*C*) Model showing alternation of DNA-histone fibers (here greatly abbreviated) and small protein molecules. (*D*) "Differential-coiling" hypothesis showing a single fiber of DNA histone coiled to form a chromomere.

tion values than the usual method.

The amount of DNA in interband regions is very small, close to the limits of detection by the azure A–Feulgen method. Some faint Feulgen-positive [redacted] n practically all