



CRC
for
Premium
Quality
Wool

Follicle Cycle

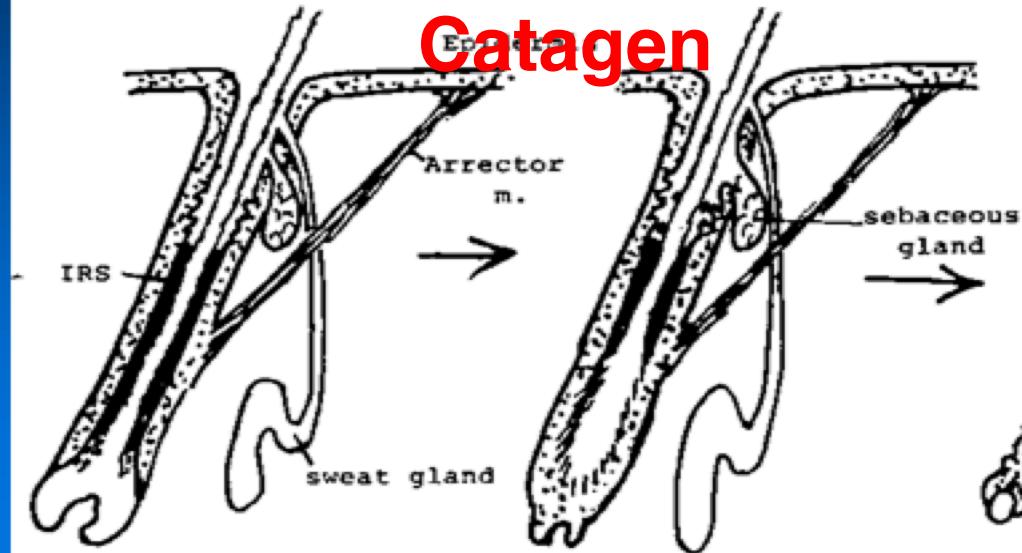
Produced for the CRC for Premium Quality Wool undergraduate program by;
Dr. Janelle Hocking Edwards, The University of Western Australia,
Dr. Tony Schlink, CSIRO Animal Production, and
Dr. Peter Wynn, The University of Sydney.



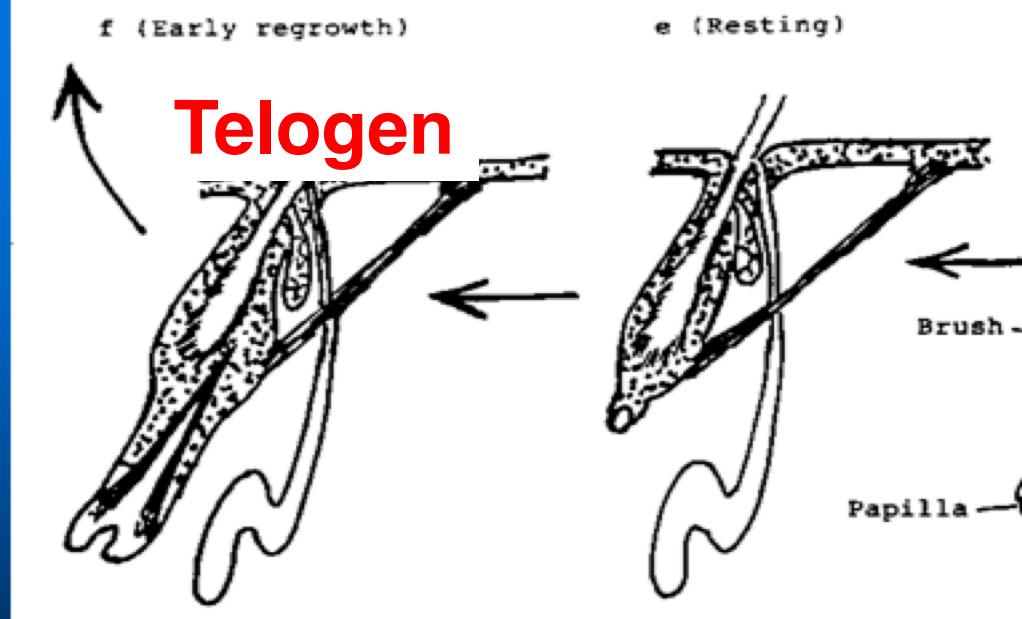
Anagen

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Catagen

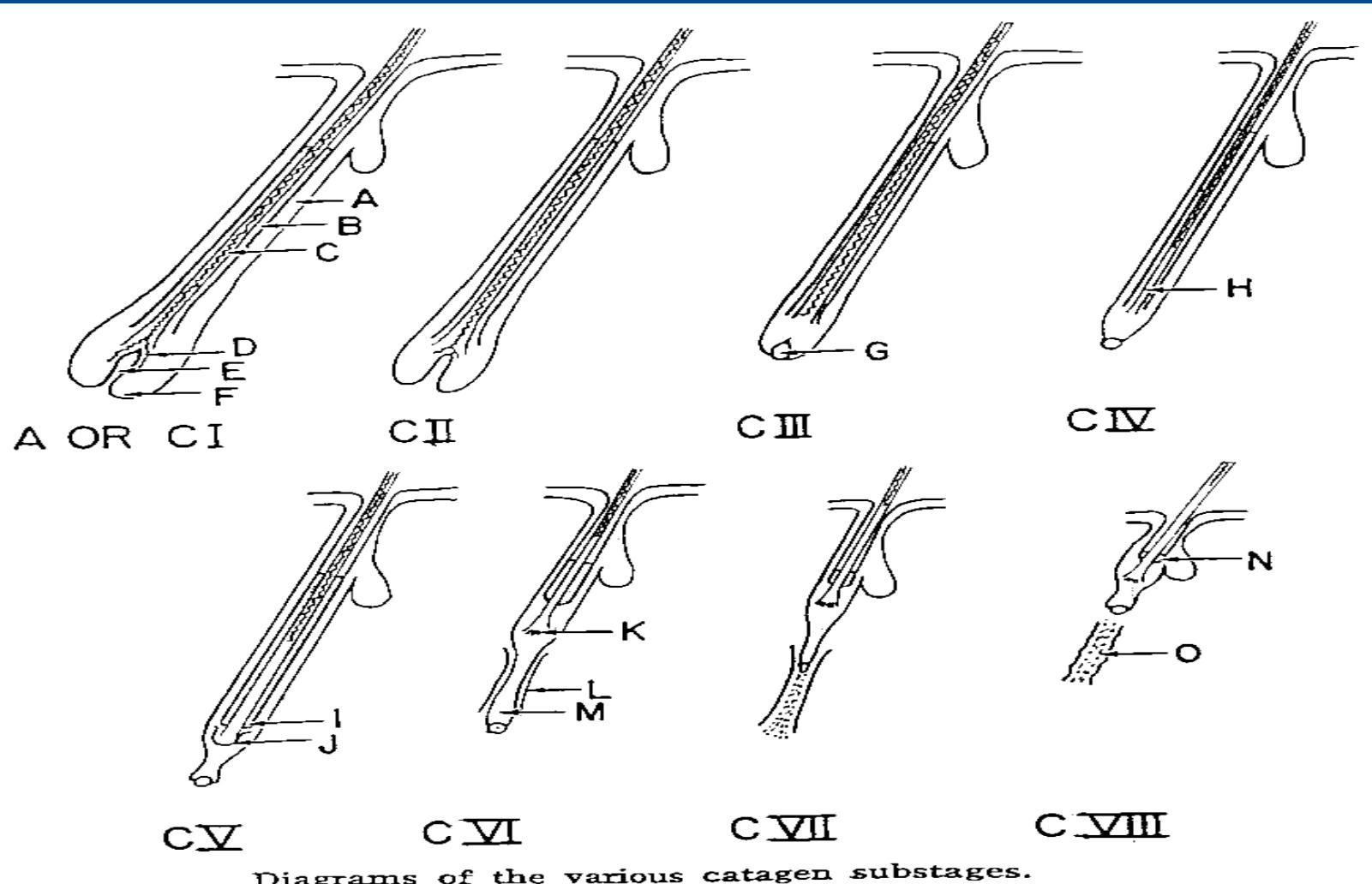


Telogen



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Various catagen stages



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Source: Straile, WE et al (1961)



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Follicle stages

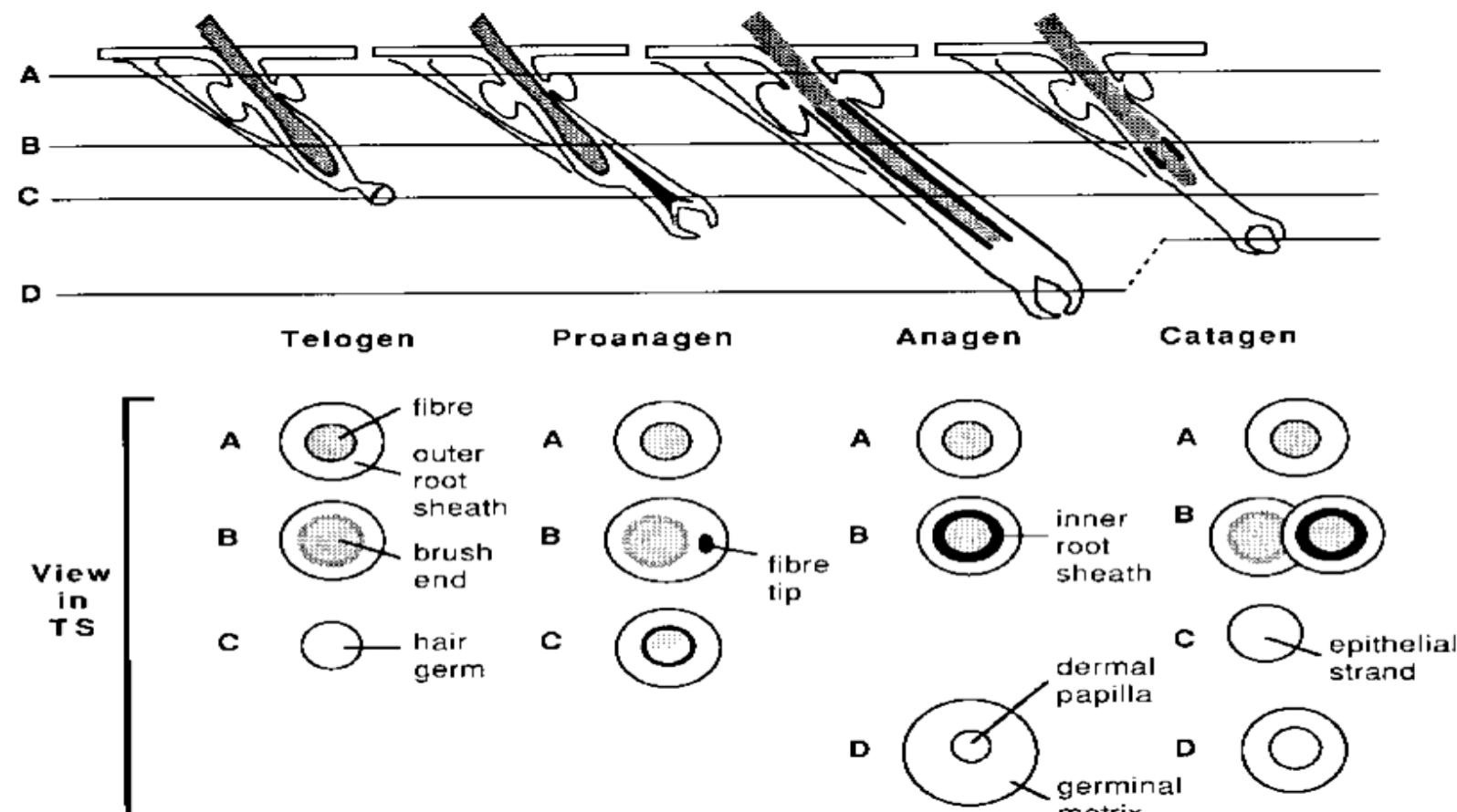


Fig. 4. Relationship between hair cycle stage and view of follicles in transverse section. Generalized structure of follicles at the four main stages of the hair cycle are shown as they appear in longitudinal section. Diagrams of the structures seen in cross section through each follicle at planes A to D are shown below (cf. Figs. 1-3). Telogen follicles are considered quiescent. Anagen, proanagen, and early catagen phases are active.

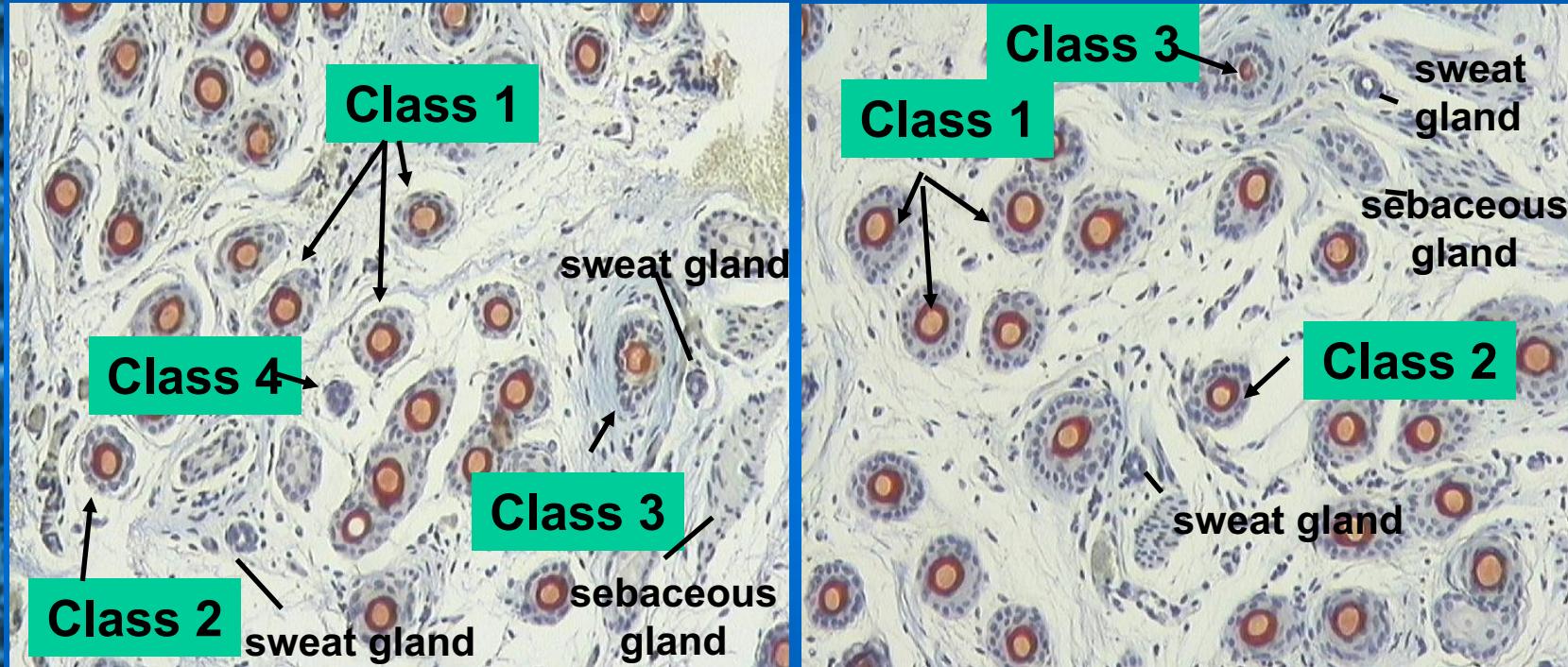
Tony Schlink

Source: Nixon, AJ (1993)



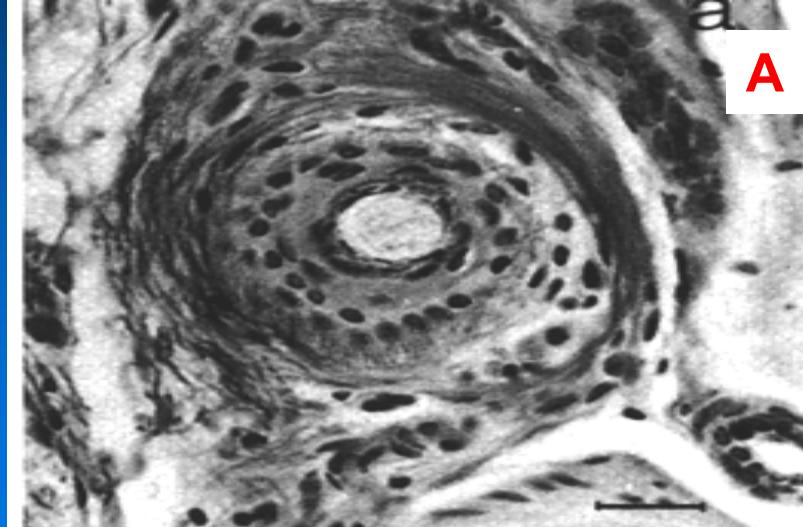
Classification of follicle types in sheep transverse section

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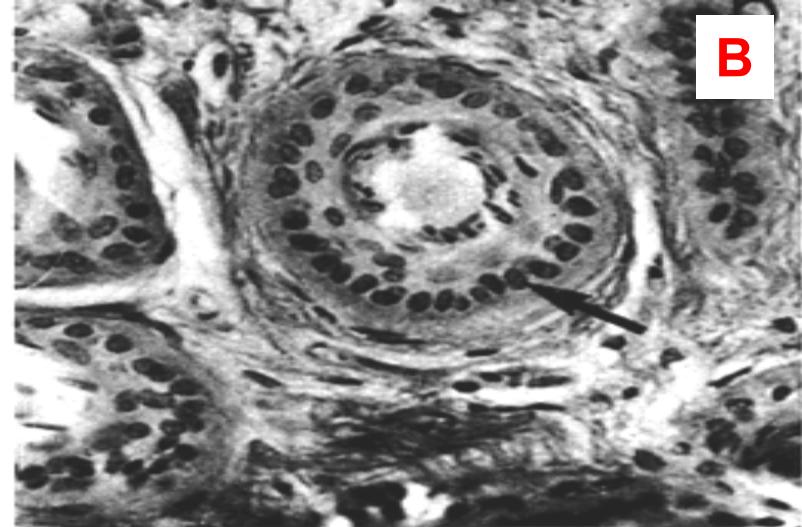




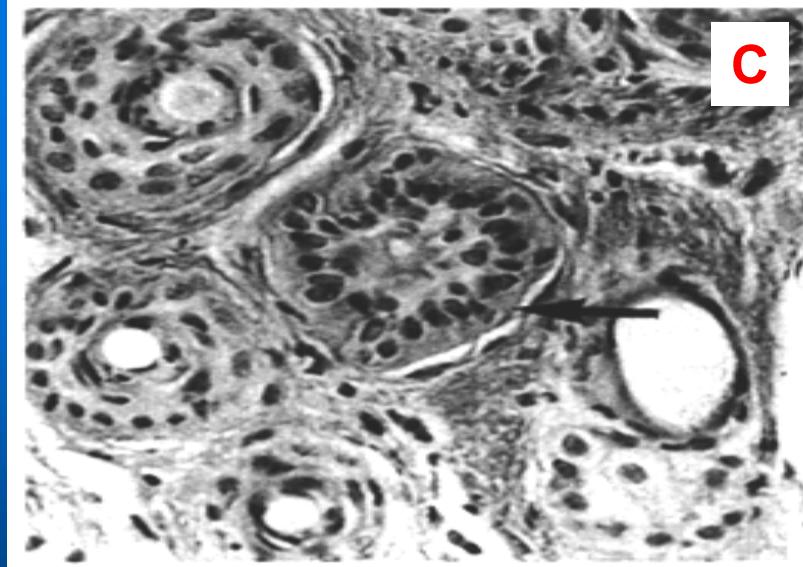
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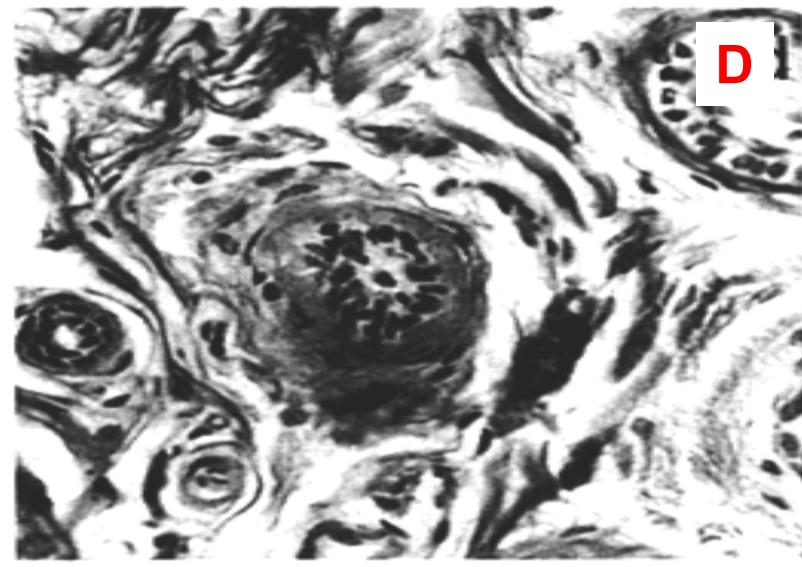
A



B



C



D



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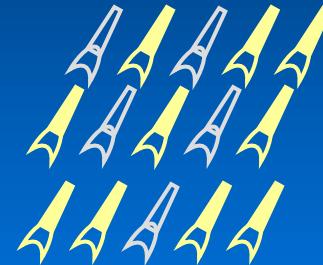
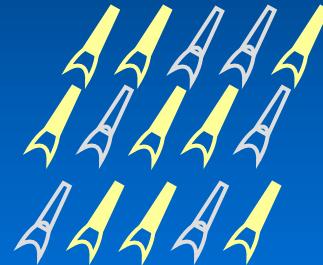
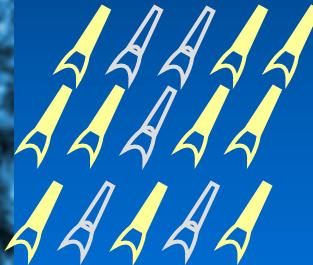
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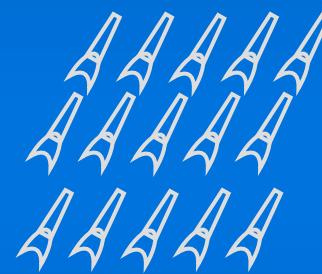
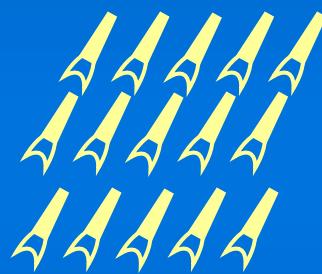
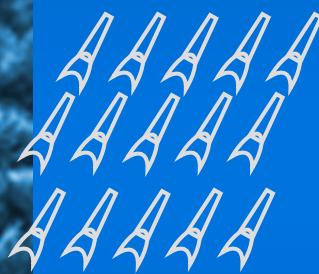
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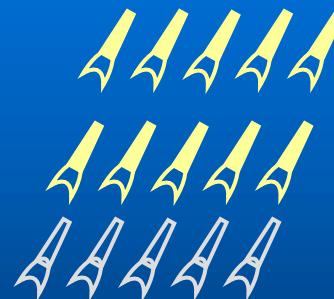
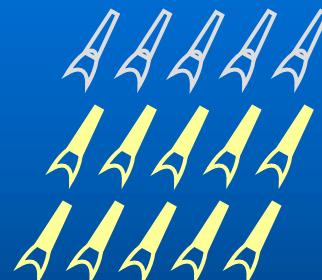
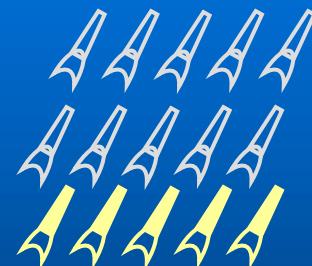
Moulting Patterns



Mosaic
Merino, Human



Synchronous
Wiltshire, Cat



Wave
Mouse, Rat