



CRC

for

Premium

Quality

Wool

# Cuticle Structure

Produced for the CRC for Premium Quality Wool undergraduate program by;  
Dr. Janelle Hocking Edwards, The University of Western Australia.



# Fibre cuticle

- layers of overlapping, flattened cells
- generally single-layered in wool
- involved in scale patterns

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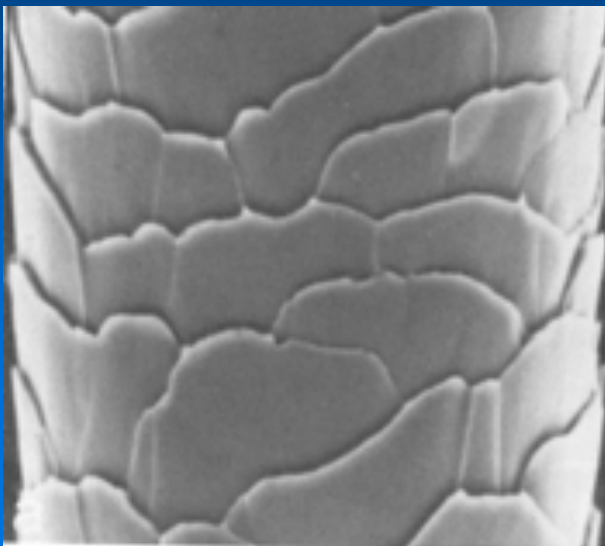
Quality

Wool

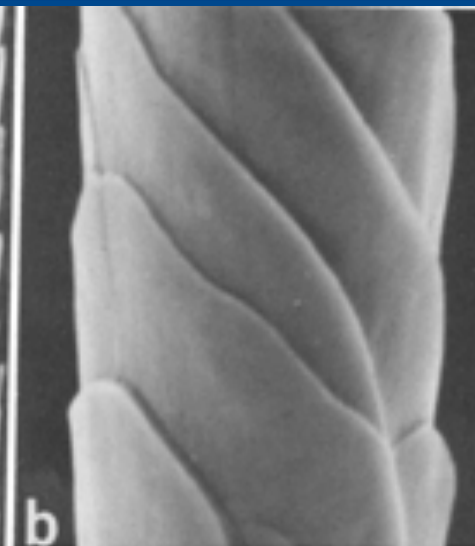


# Cuticle scale patterns

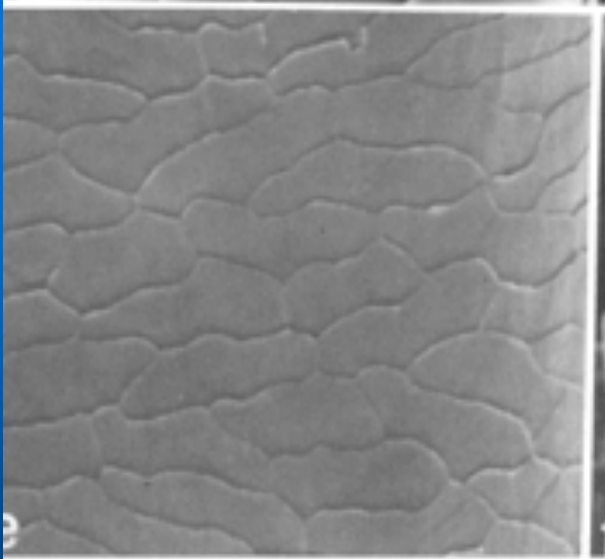
Cape  
hunting  
dog



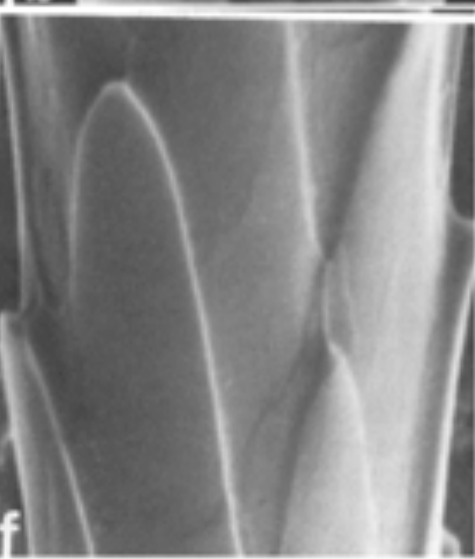
Red fox



Sloth  
bear



Kincajou



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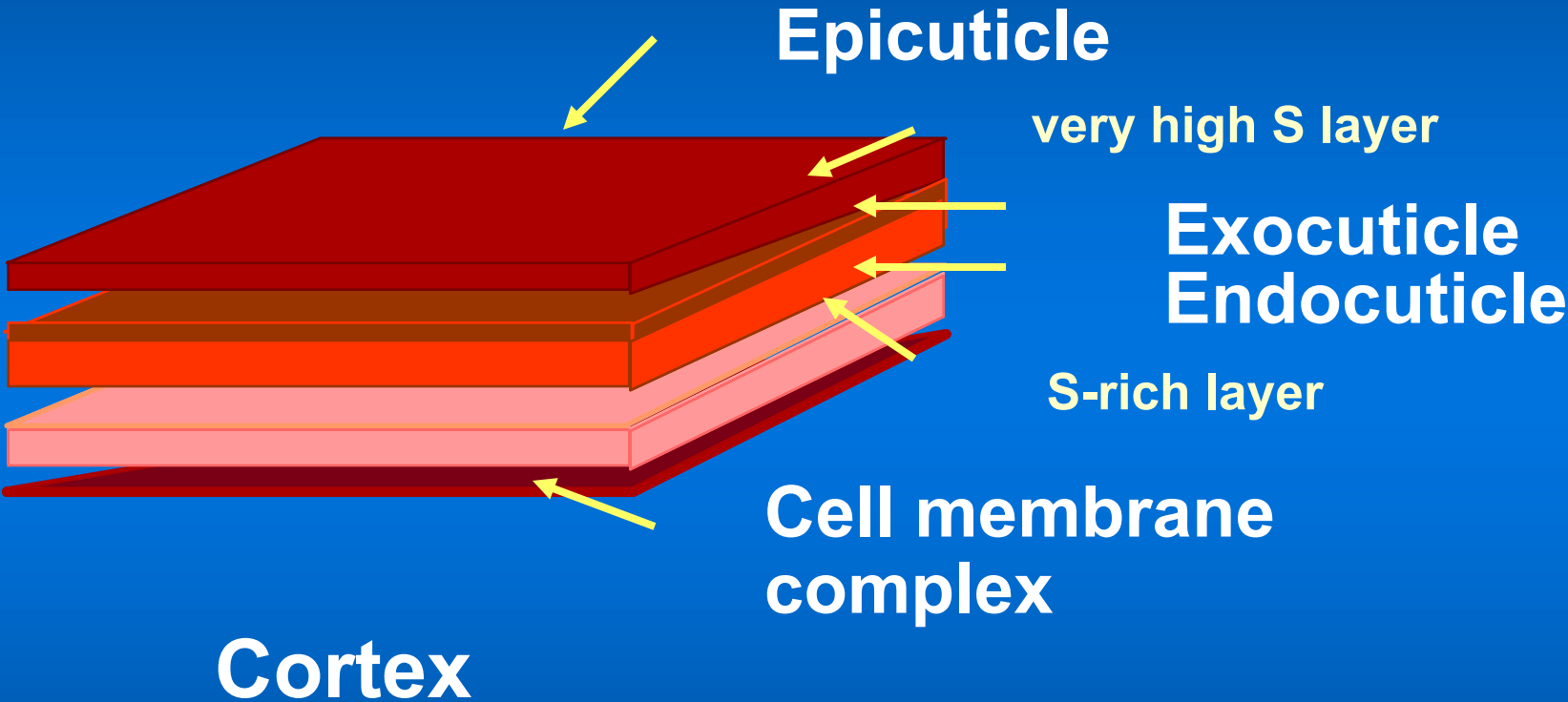
Wool

Janelle Hocking Edwards

Source: Montagna, W. and Parakkal, P.F.,(1974)



# Cuticle cell structure



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