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Wool

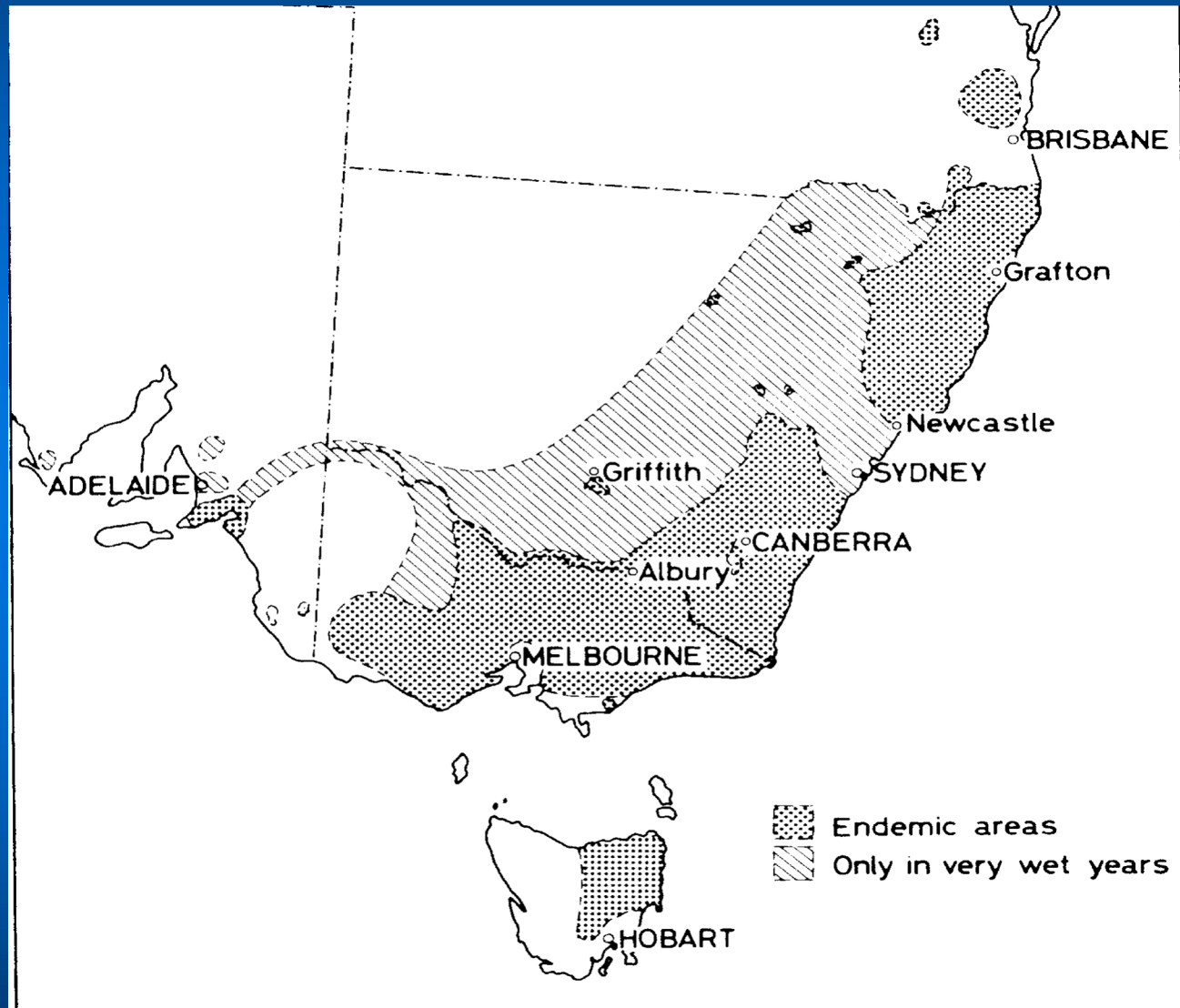
Disease and Wool Production: Liver Fluke

Produced for the CRC for Premium Quality Wool undergraduate program by;
Dr. Steve Walkden-Brown and Dr. Brad Crook, The University of New England.



Distribution of *Fasciola hepatica* in Australia

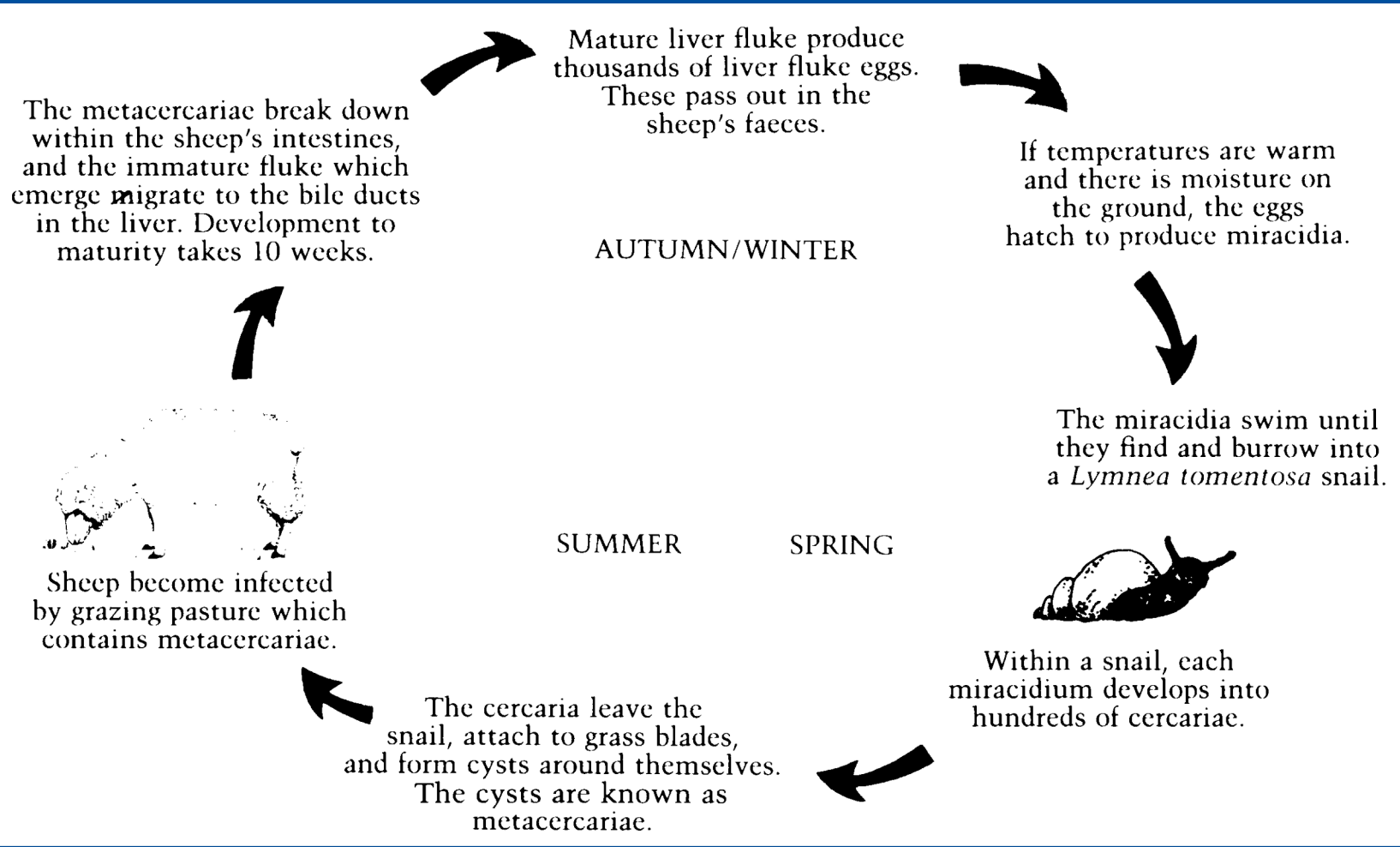
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Steve Walkden-Brown
Source: Donald, A.D. et al. (1978)



Lifecycle of *Fasciola hepatica*



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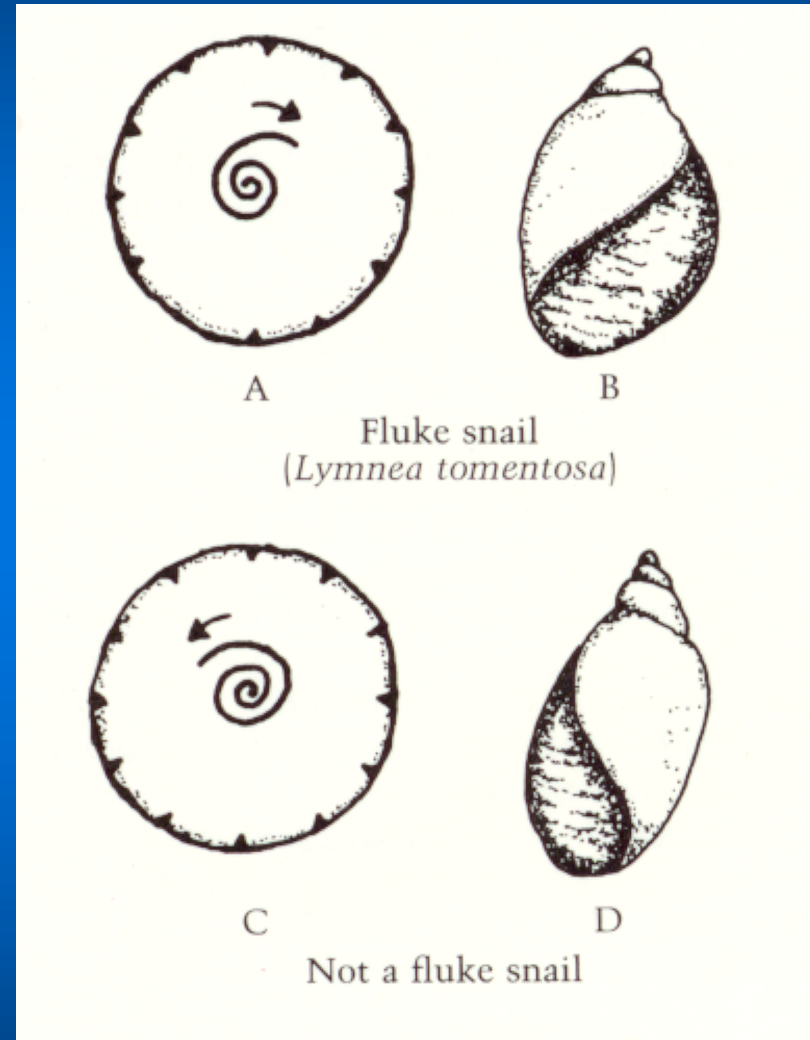
Steve Walkden-Brown
Source: Brightling, A. (1988)



Liver fluke (*Fasciola hepatica*)



Fluke snail (*Lymnea tomentosa*)



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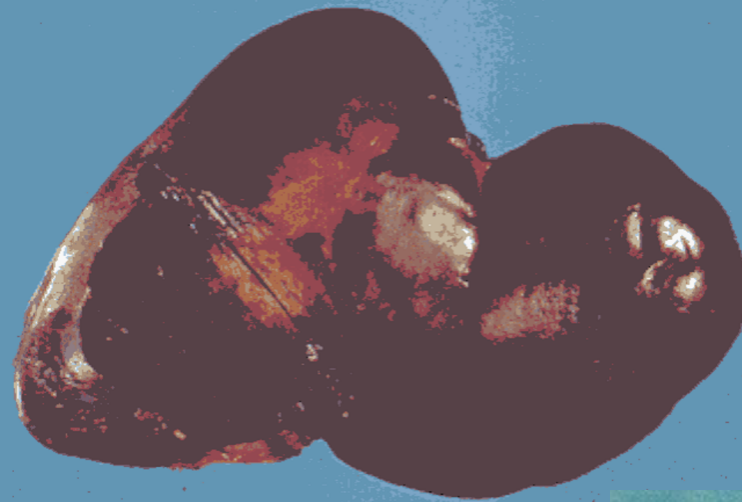
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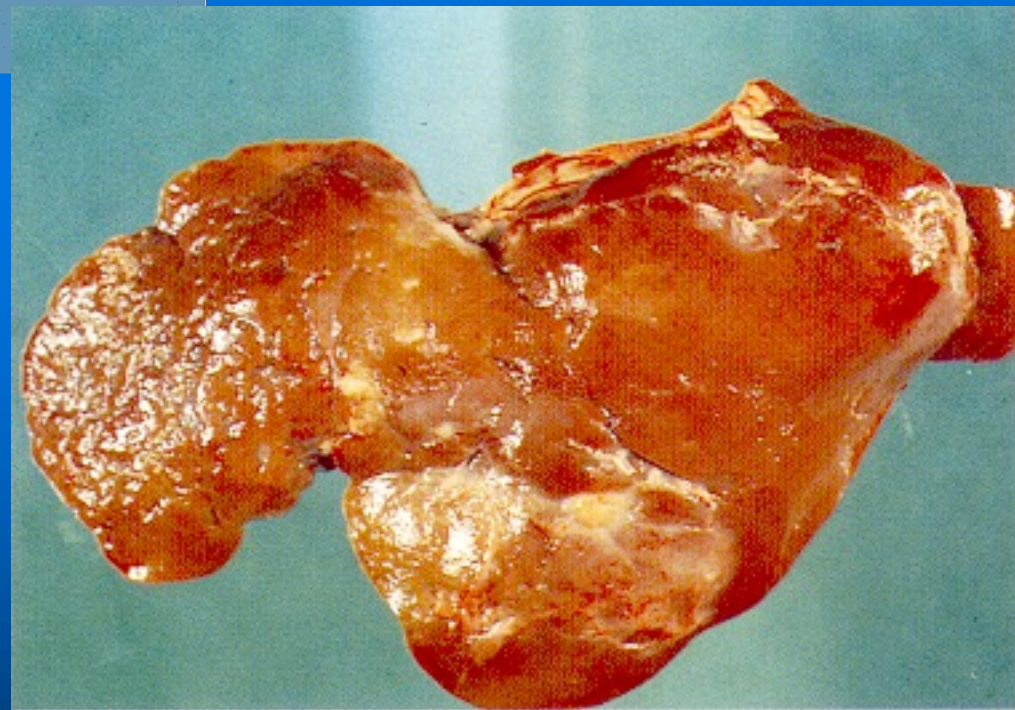
Wool



Black disease.
Bacterial disease
associated with
larval migration
through liver.
Rapidly fatal.

**Chronic liver fluke
infection.**

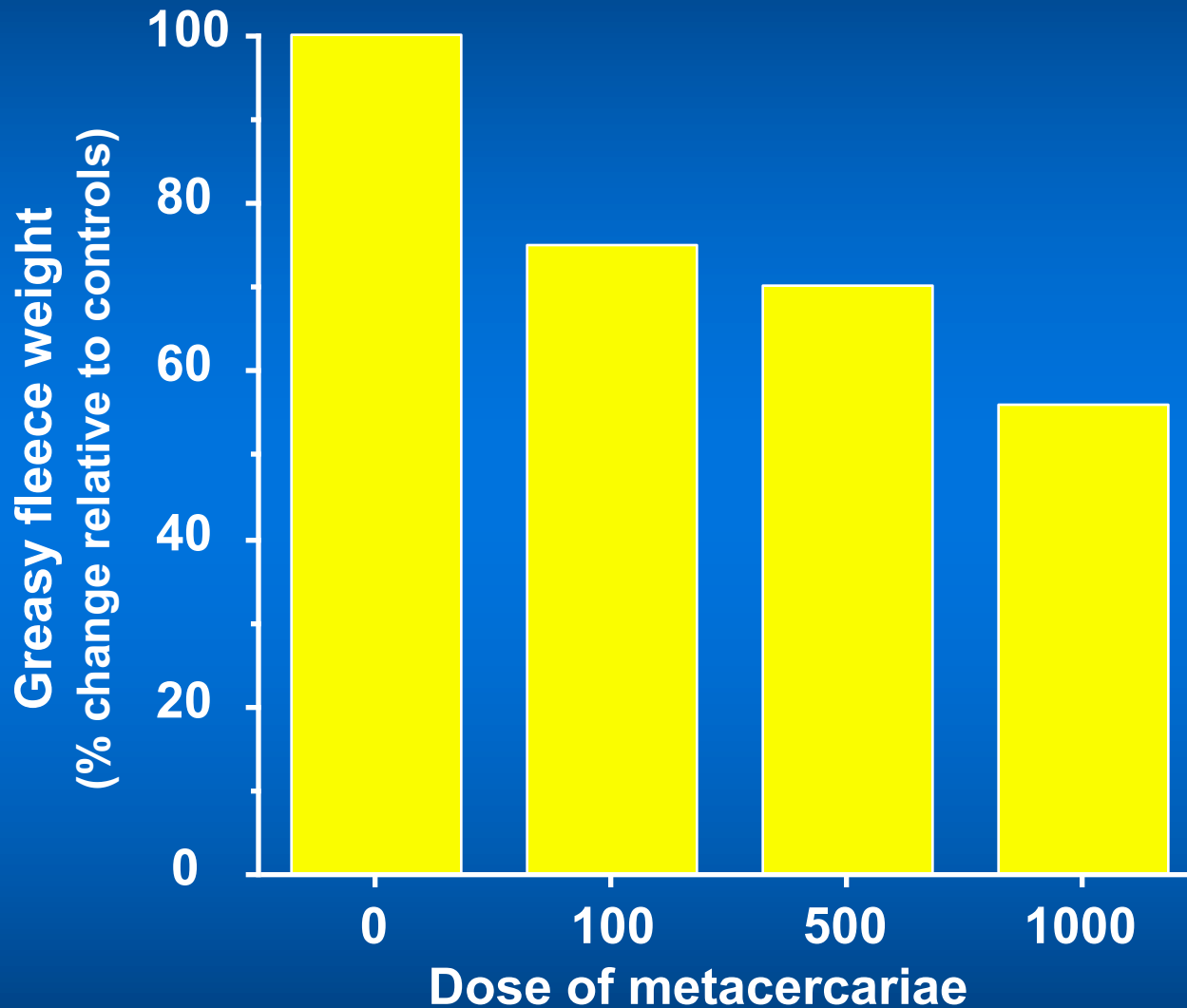
Liver is cirrhotic
(fibrous), pale and
shrunken.



Steve Walkden-Brown
Source: Brightling, A. (1988)



Reduction in greasy fleece weights following infection with 100, 500 or 1000 metacercariae.



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Steve Walkden-Brown
Source: Edwards, C.M. et al. (1976)