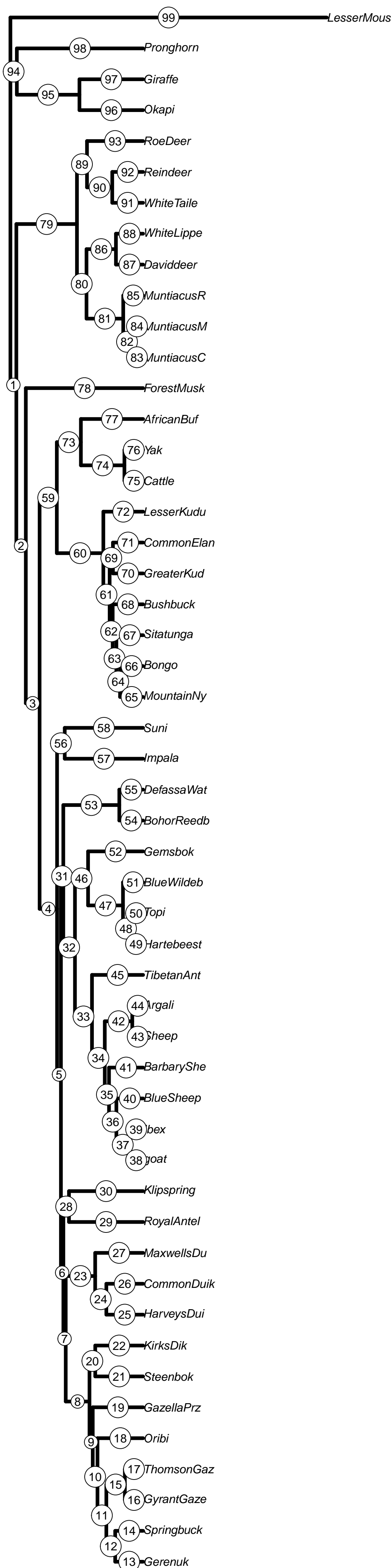
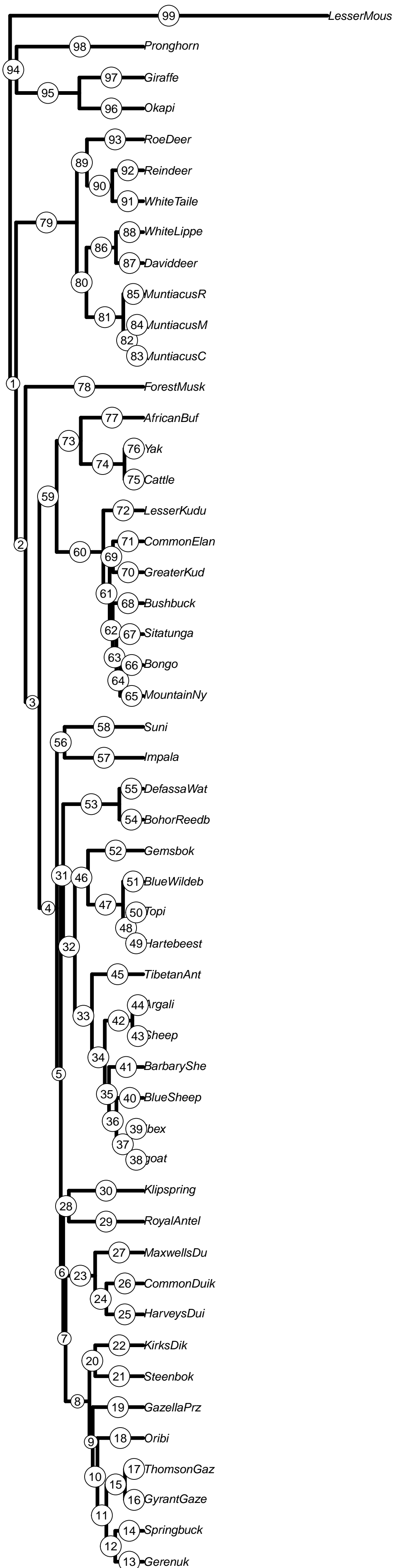


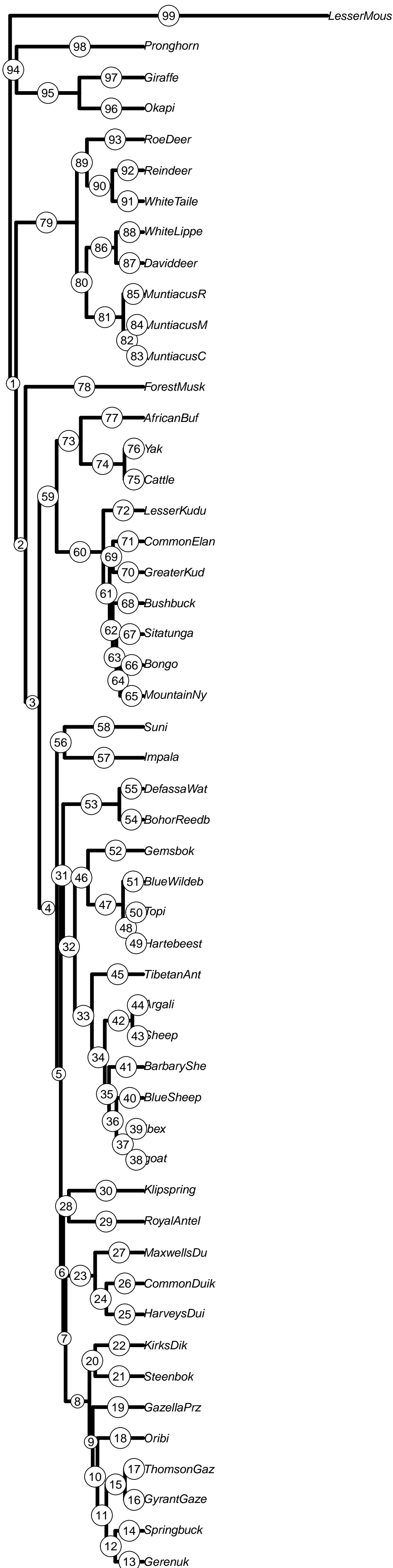
**Significantly influential PC 1 branches – relative rates  
(100% variance explained; unrooted tree shown)**



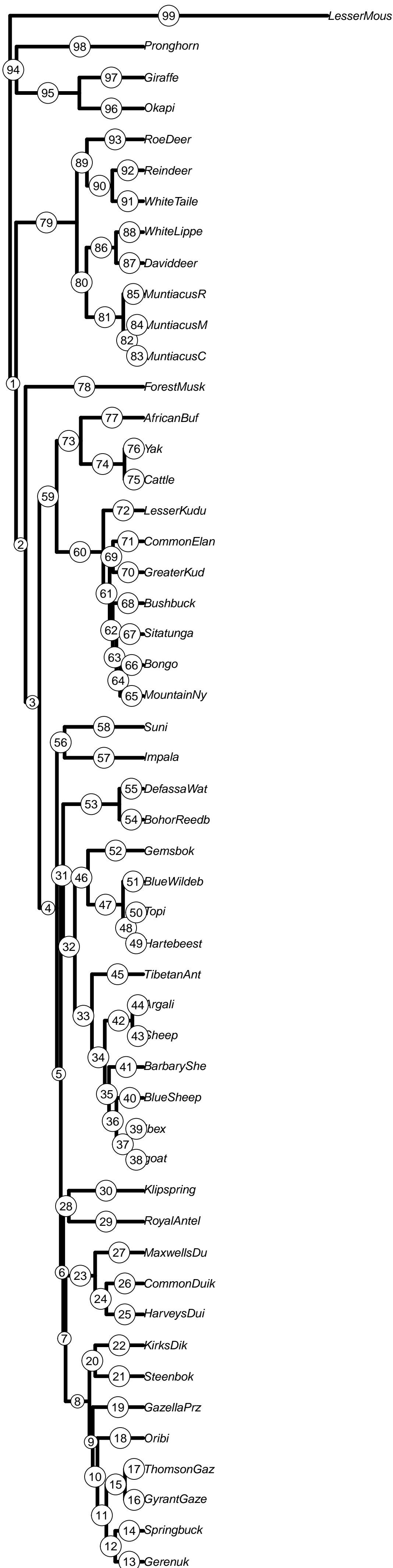
**Significantly influential PC 1 branches – residual rates  
(20.6% variance explained; unrooted tree shown)**



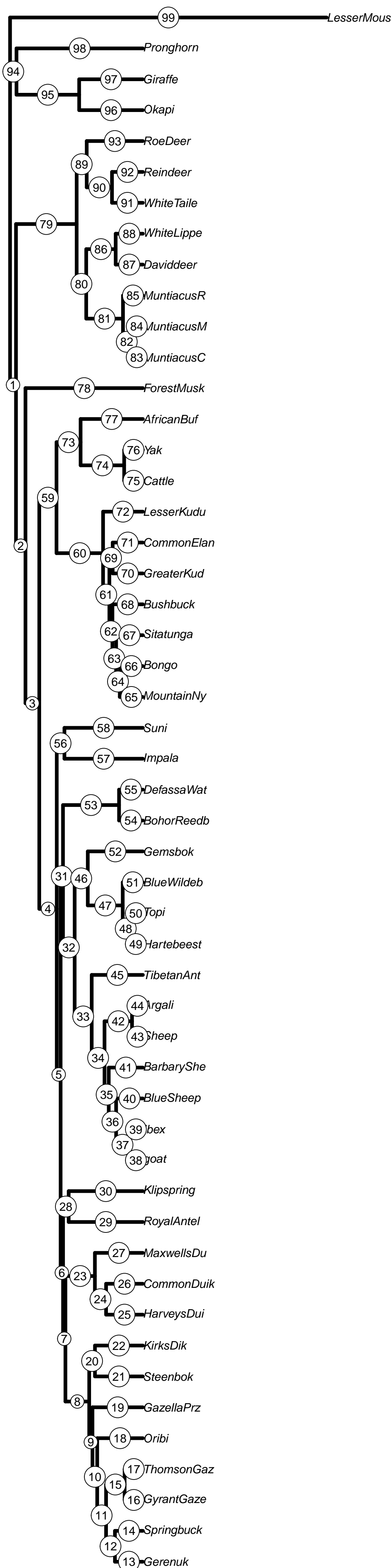
**Significantly influential PC 2 branches – residual rates  
(18.6% variance explained; unrooted tree shown)**



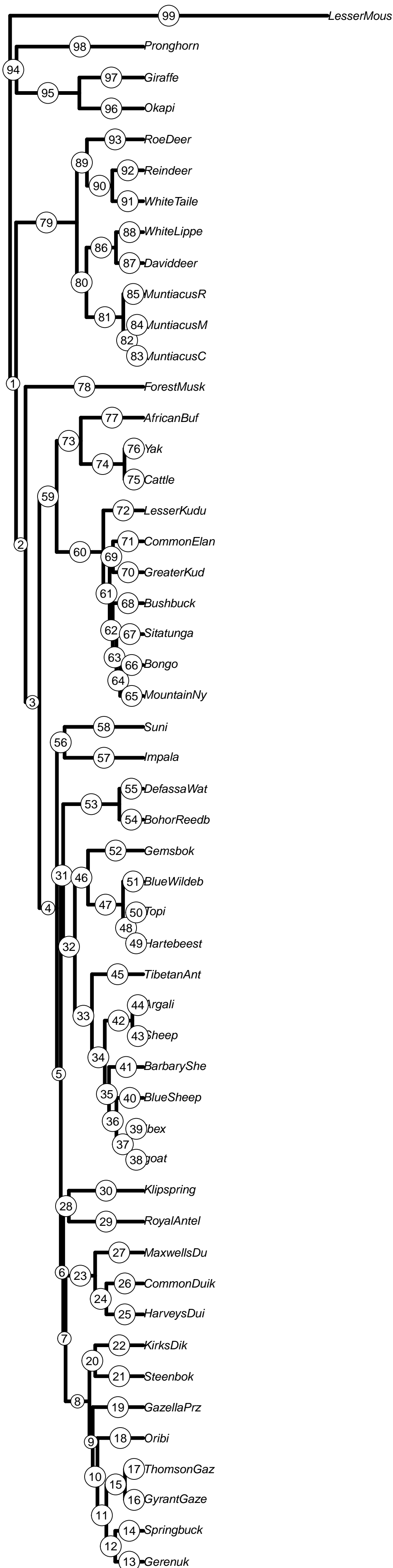
**Significantly influential PC 3 branches – residual rates  
(15.6% variance explained; unrooted tree shown)**



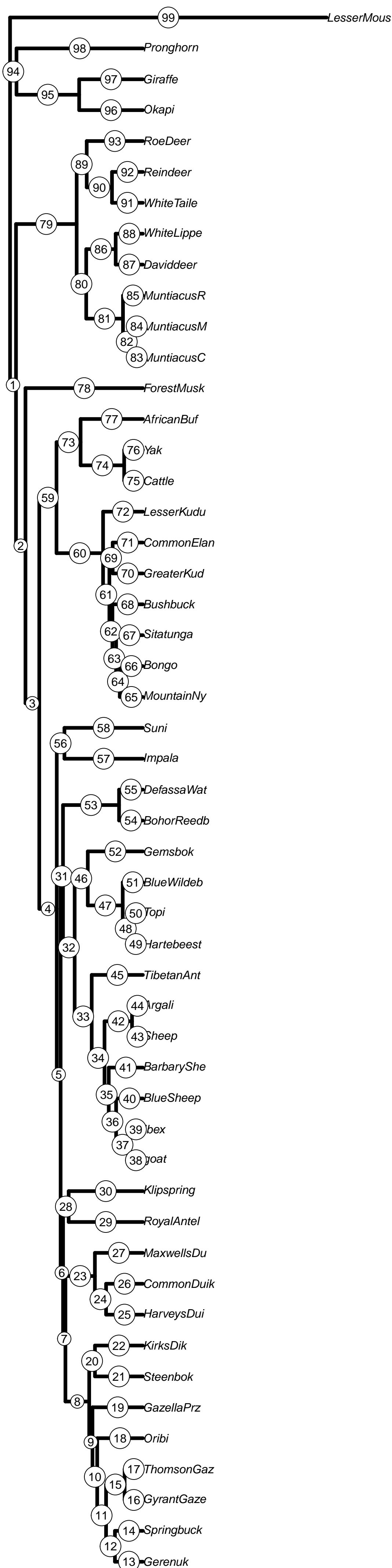
**Significantly influential PC 4 branches – residual rates  
(5.1% variance explained; unrooted tree shown)**



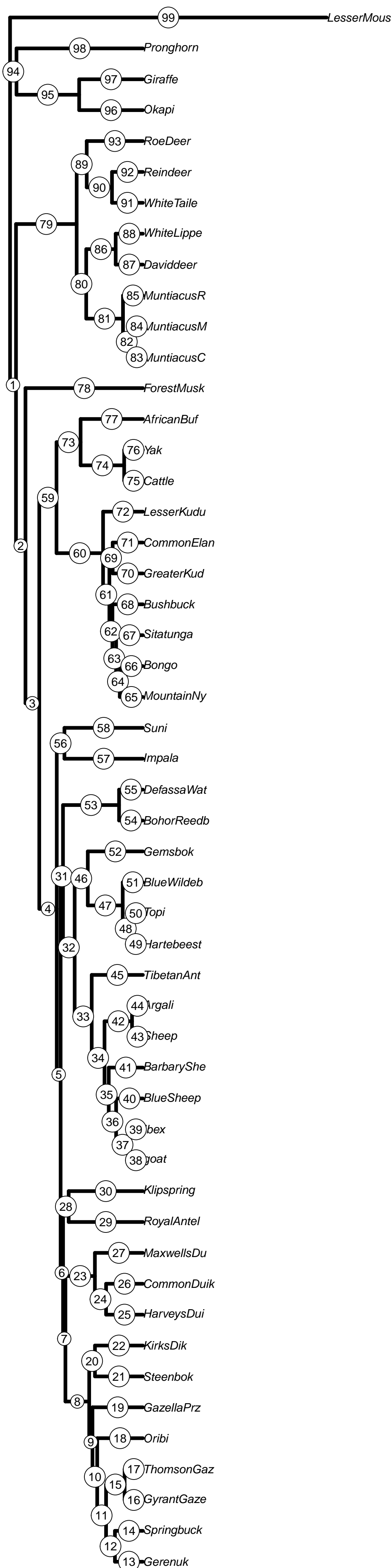
**Significantly influential PC 5 branches – residual rates  
(4.5% variance explained; unrooted tree shown)**



**Significantly influential PC 6 branches – residual rates  
(4.1% variance explained; unrooted tree shown)**

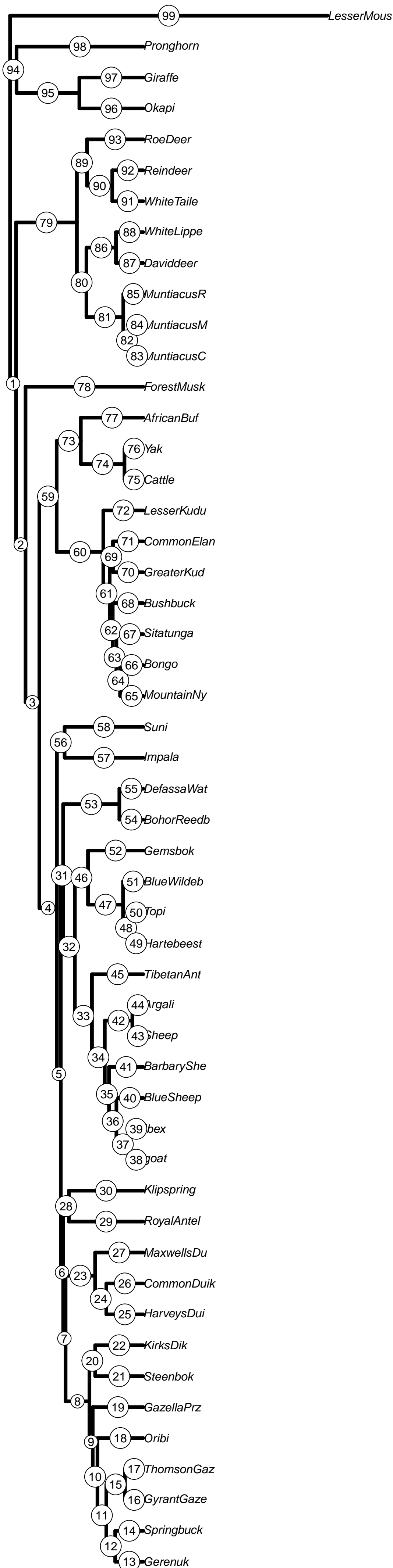


**Significantly influential PC 7 branches – residual rates  
(3.7% variance explained; unrooted tree shown)**

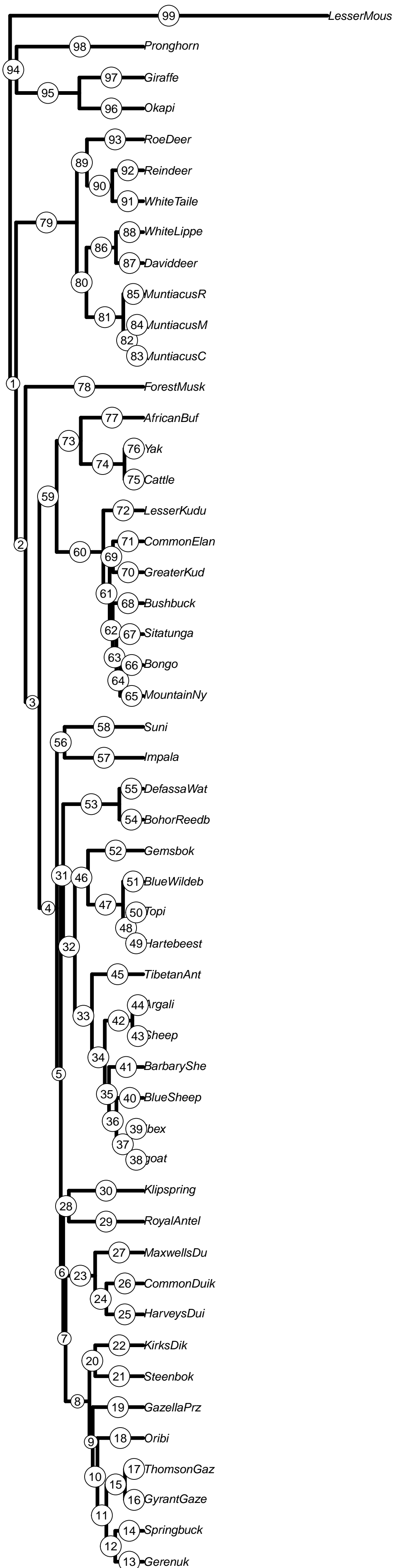




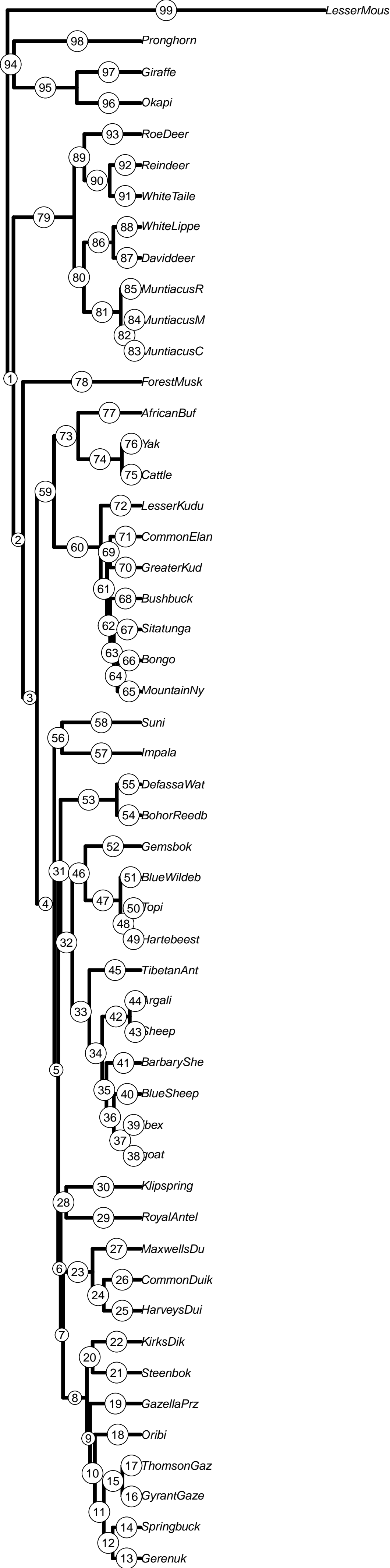
**Significantly influential PC 8 branches – residual rates  
(3.3% variance explained; unrooted tree shown)**



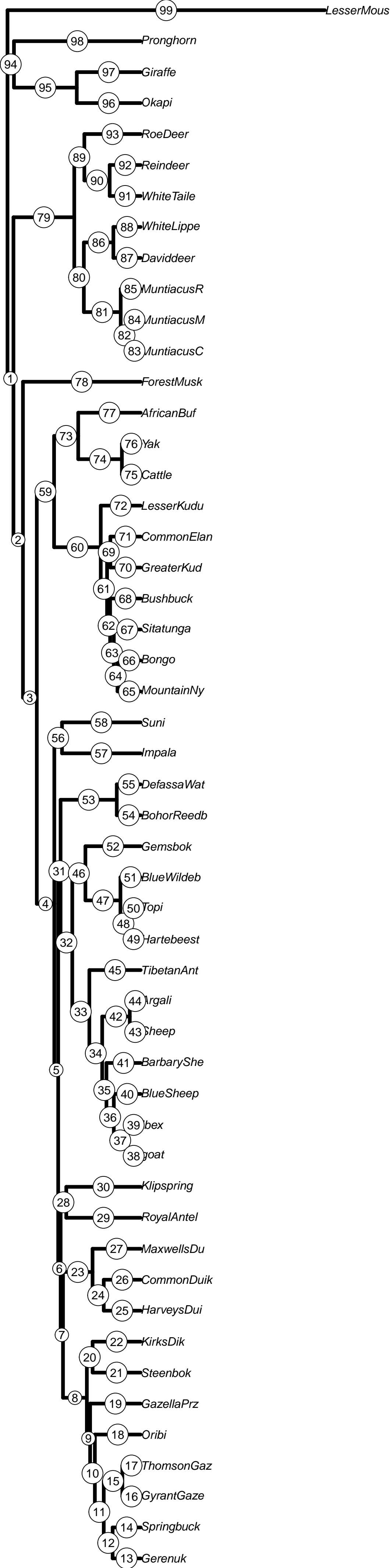
**Significantly influential PC 9 branches – residual rates  
(3.1% variance explained; unrooted tree shown)**



Significantly influential PC 10 branches – residual rates  
(2.9% variance explained; unrooted tree shown)



Significantly influential PC 11 branches – residual rates  
(2.6% variance explained; unrooted tree shown)



Significantly influential PC 12 branches – residual rates  
(2.2% variance explained; unrooted tree shown)

