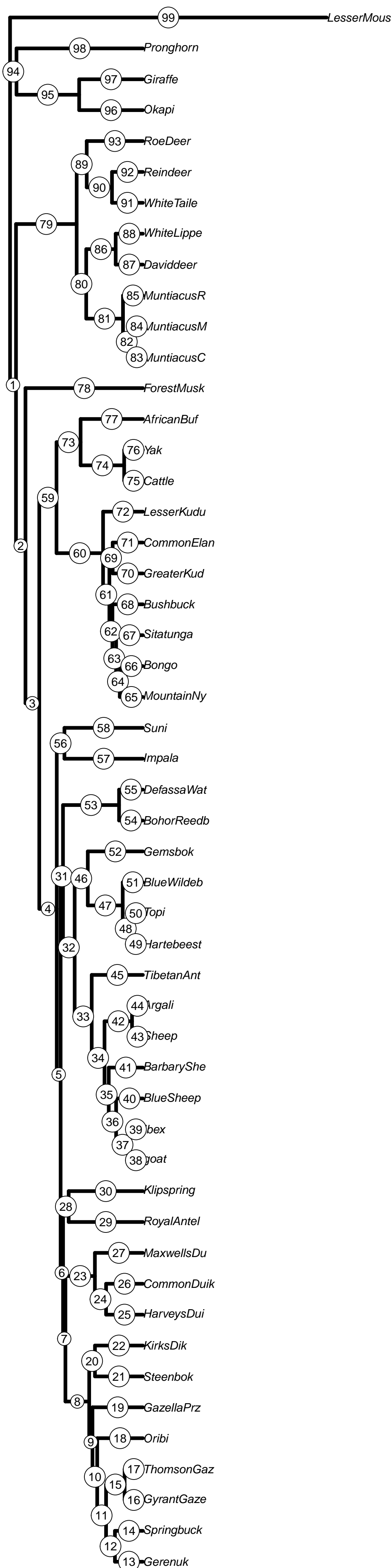
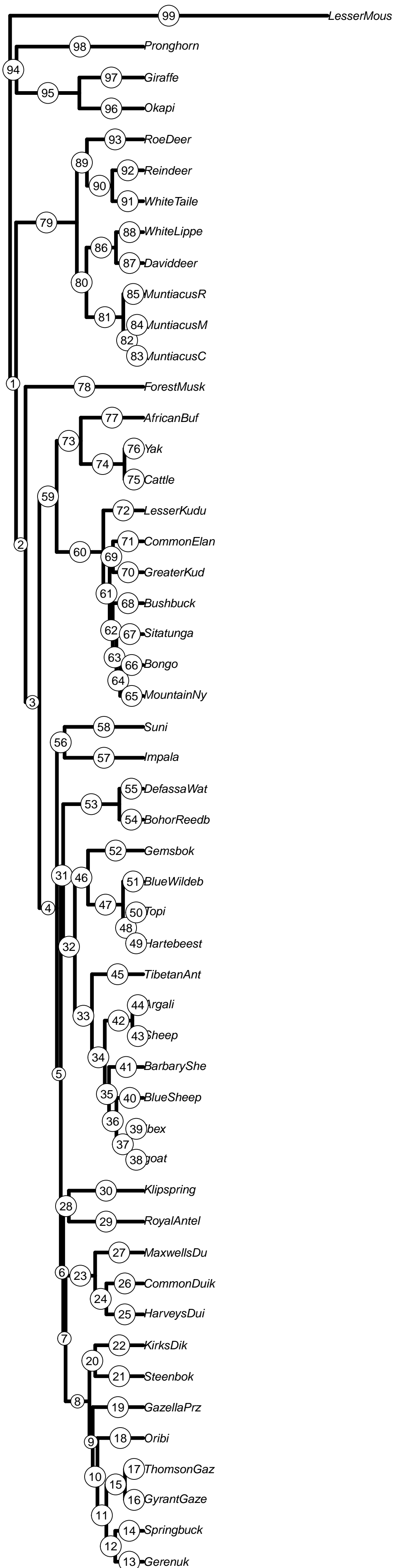


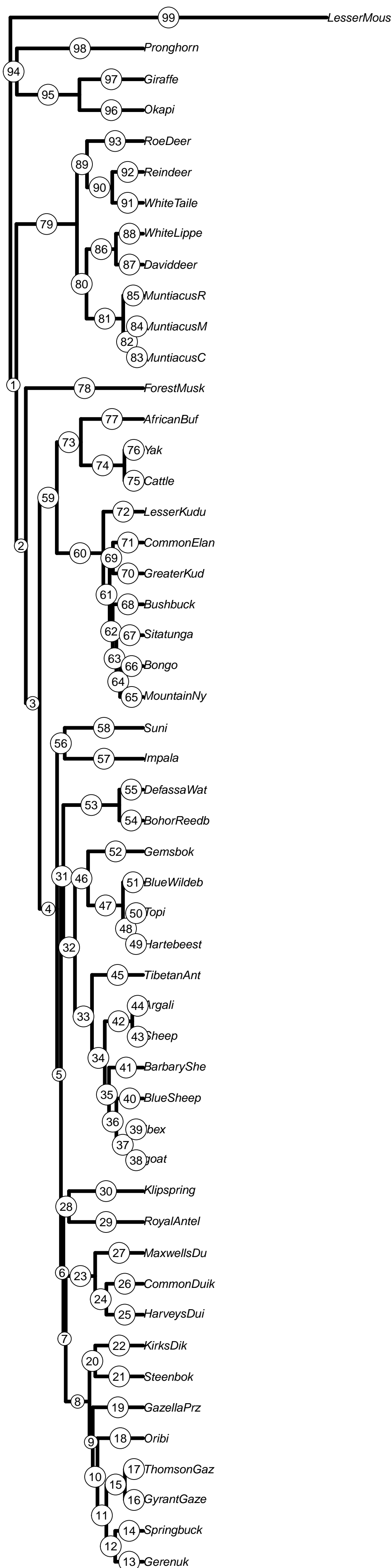
**Significantly influential PC 1 branches – residual rates  
(4.7% variance explained; unrooted tree shown)**



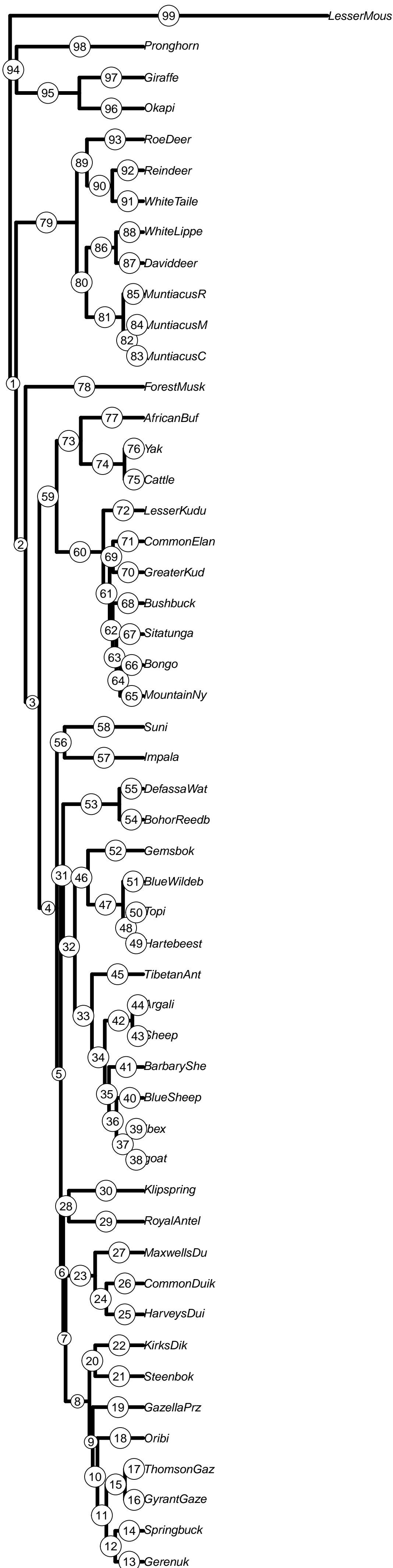
**Significantly influential PC 2 branches – residual rates  
(1.5% variance explained; unrooted tree shown)**



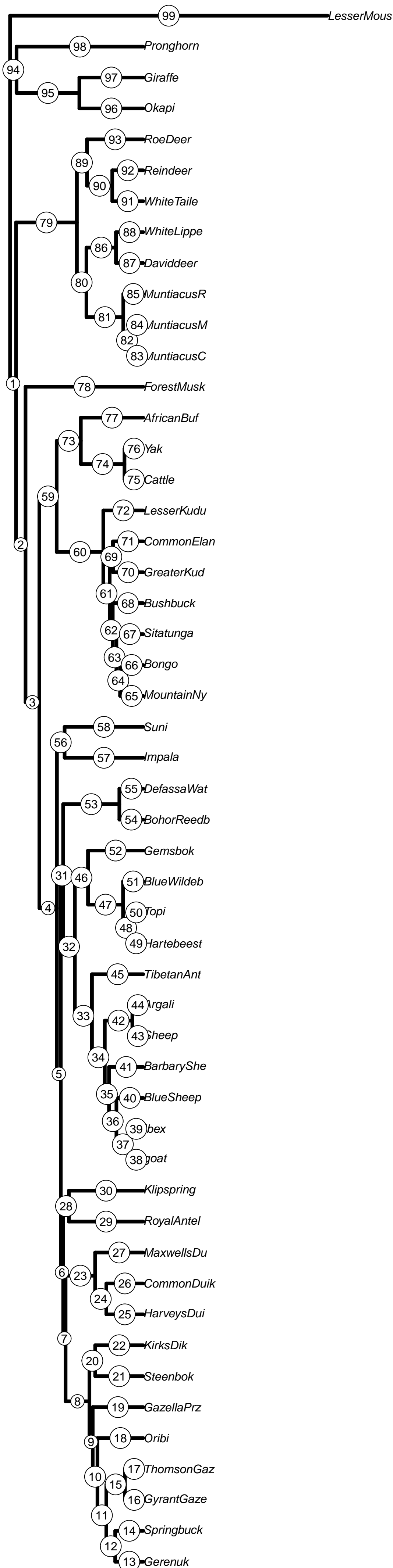
**Significantly influential PC 3 branches – residual rates  
(1.5% variance explained; unrooted tree shown)**



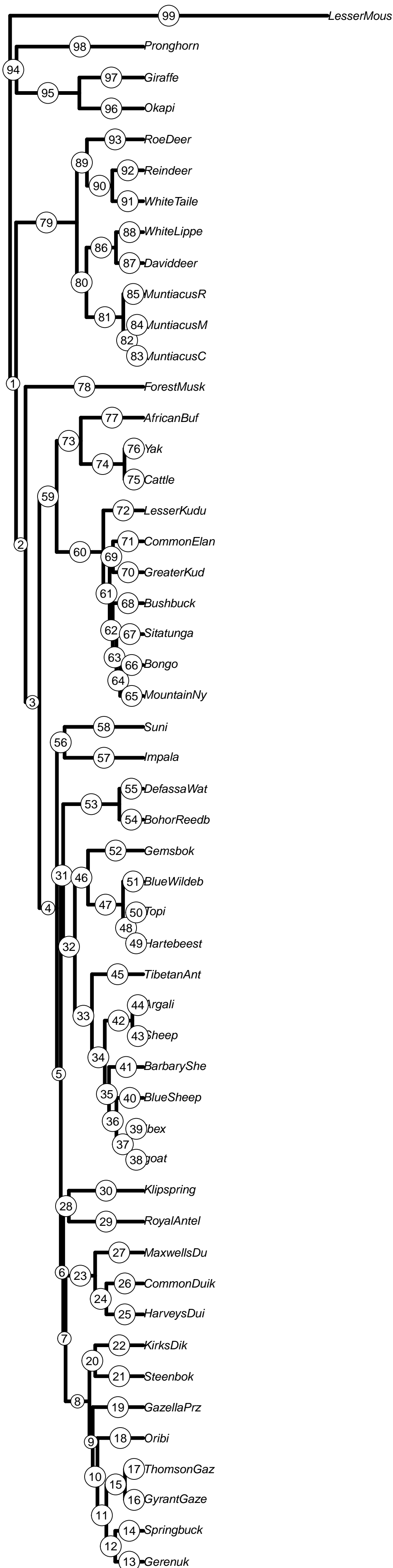
**Significantly influential PC 4 branches – residual rates  
(1.4% variance explained; unrooted tree shown)**



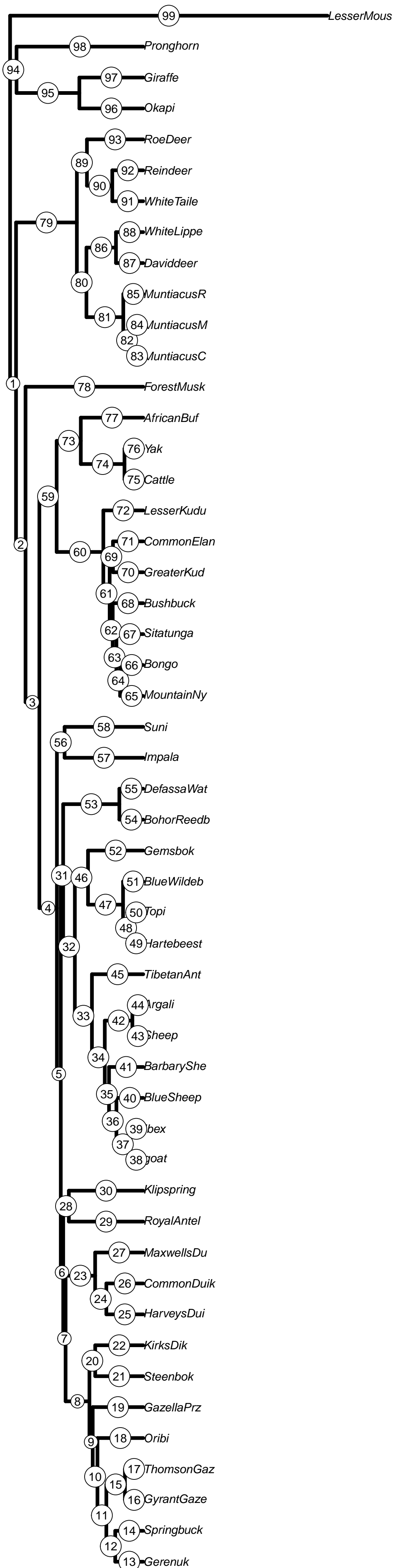
**Significantly influential PC 5 branches – residual rates  
(1.4% variance explained; unrooted tree shown)**



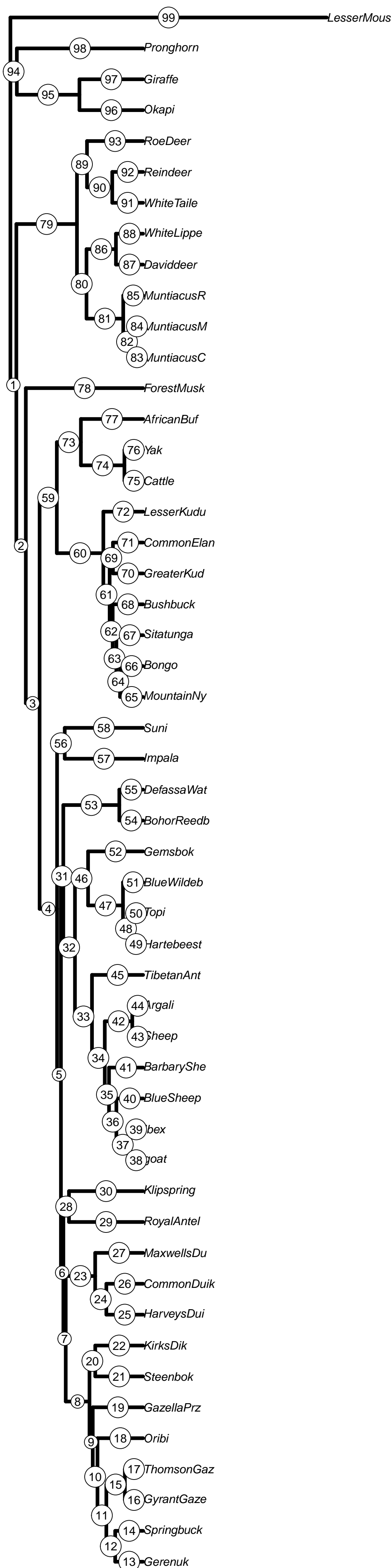
**Significantly influential PC 6 branches – residual rates  
(1.4% variance explained; unrooted tree shown)**



**Significantly influential PC 7 branches – residual rates  
(1.4% variance explained; unrooted tree shown)**

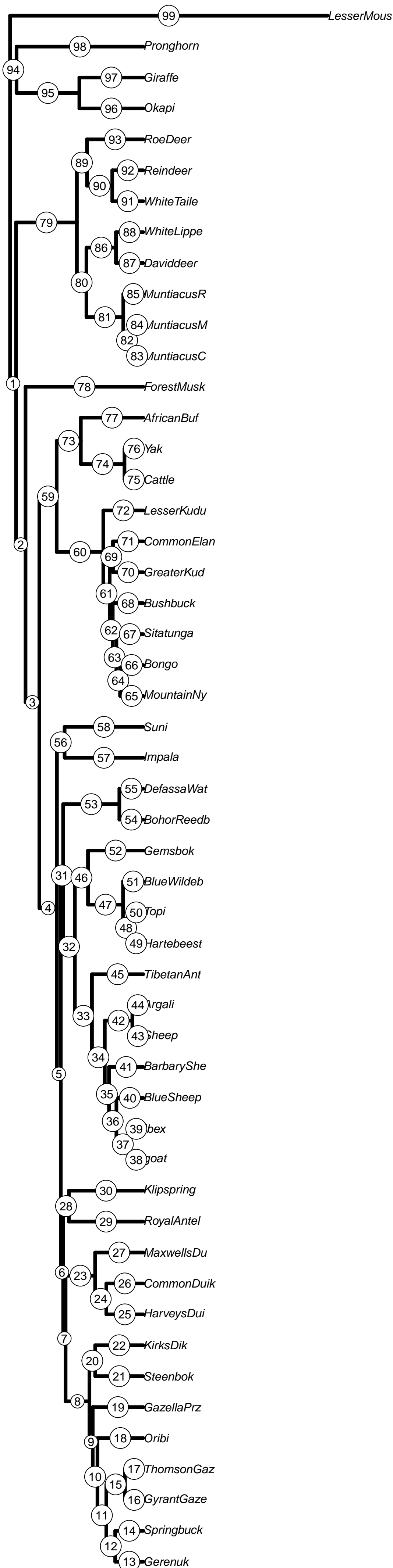


**Significantly influential PC 8 branches – residual rates  
(1.4% variance explained; unrooted tree shown)**

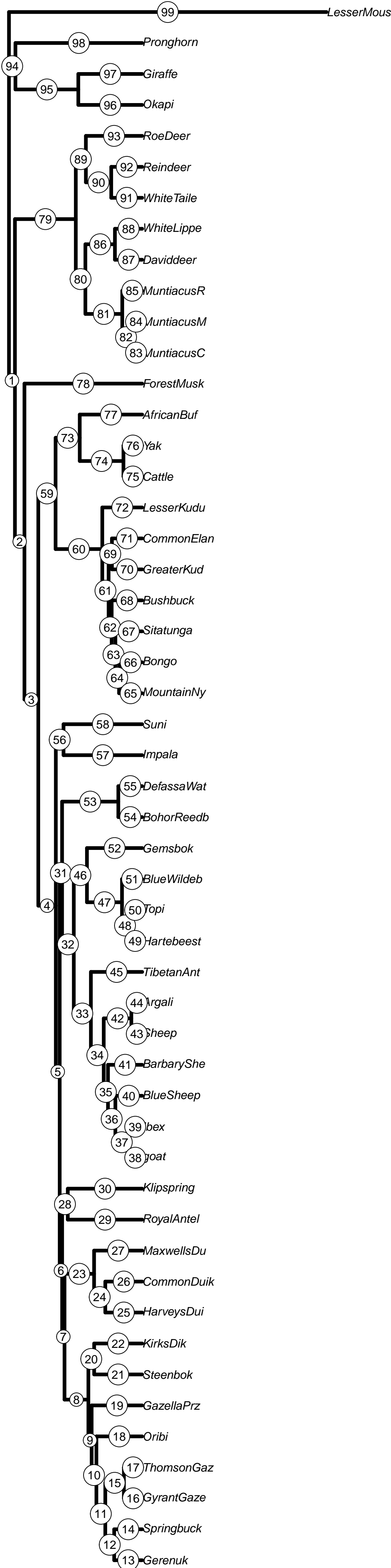




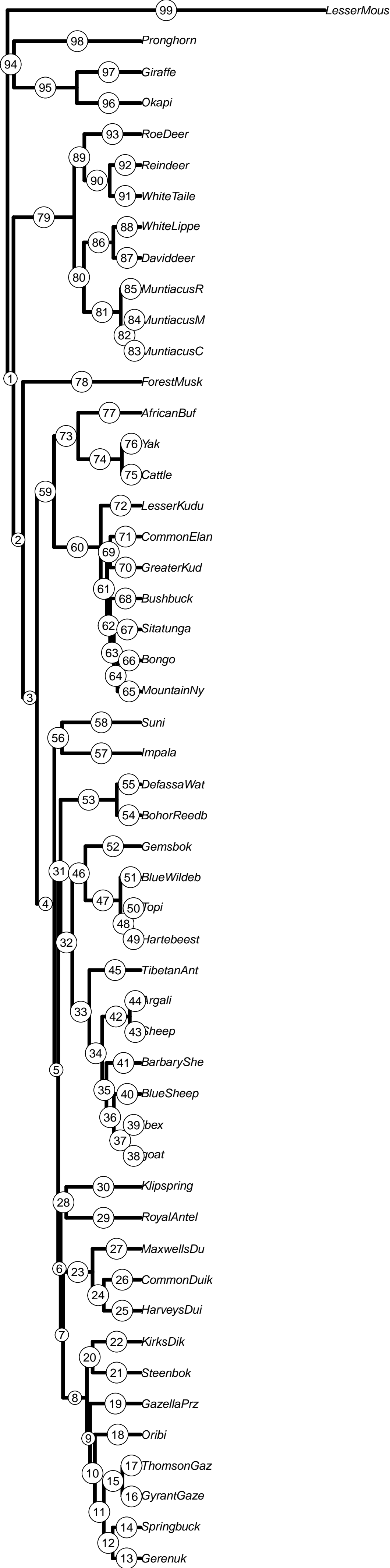
**Significantly influential PC 9 branches – residual rates  
(1.3% variance explained; unrooted tree shown)**



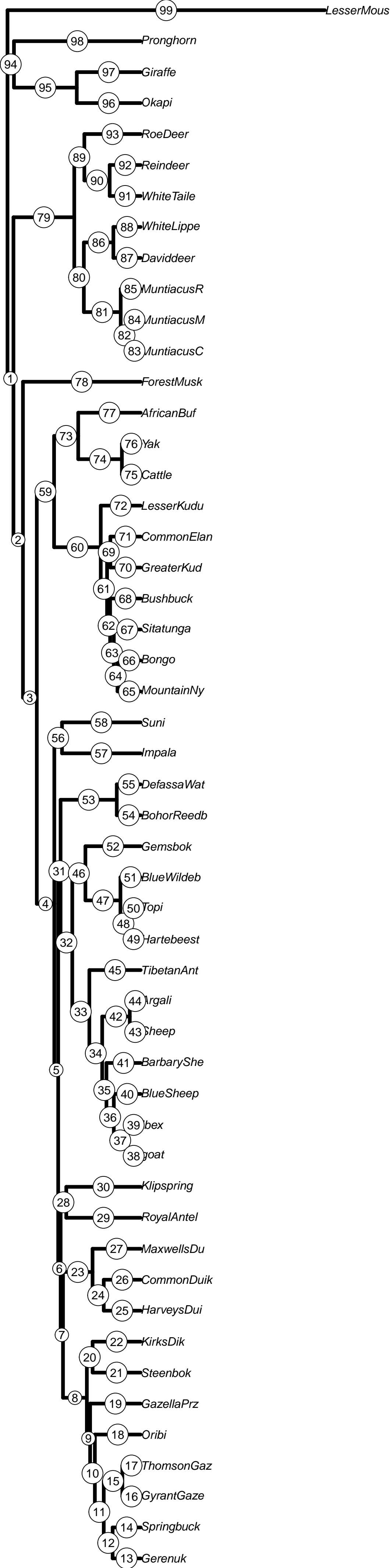
Significantly influential PC 10 branches – residual rates  
(1.3% variance explained; unrooted tree shown)



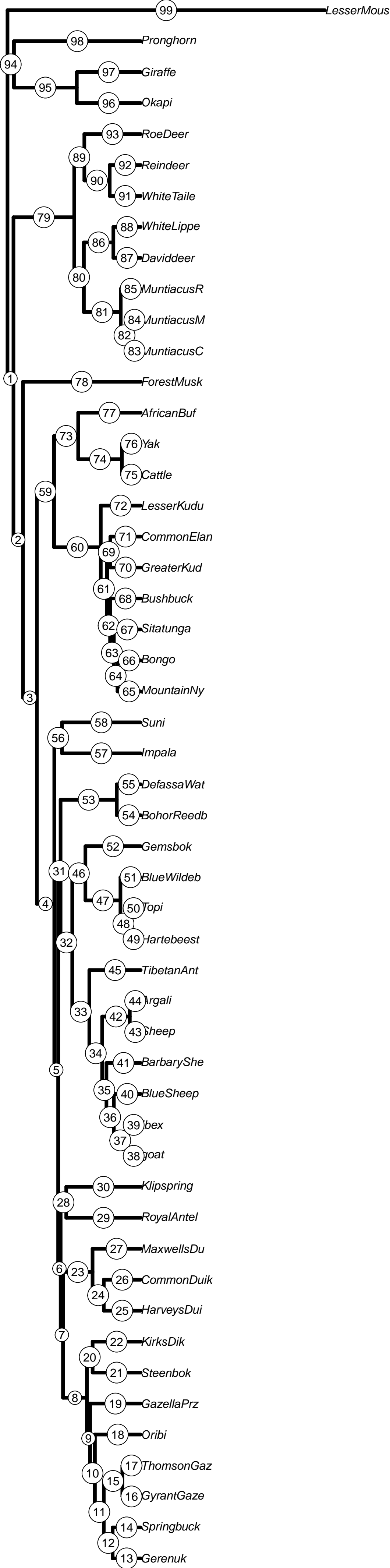
Significantly influential PC 11 branches – residual rates  
(1.3% variance explained; unrooted tree shown)



Significantly influential PC 12 branches – residual rates  
(1.3% variance explained; unrooted tree shown)



Significantly influential PC 13 branches – residual rates  
(1.3% variance explained; unrooted tree shown)



Significantly influential PC 14 branches – residual rates  
(1.3% variance explained; unrooted tree shown)

