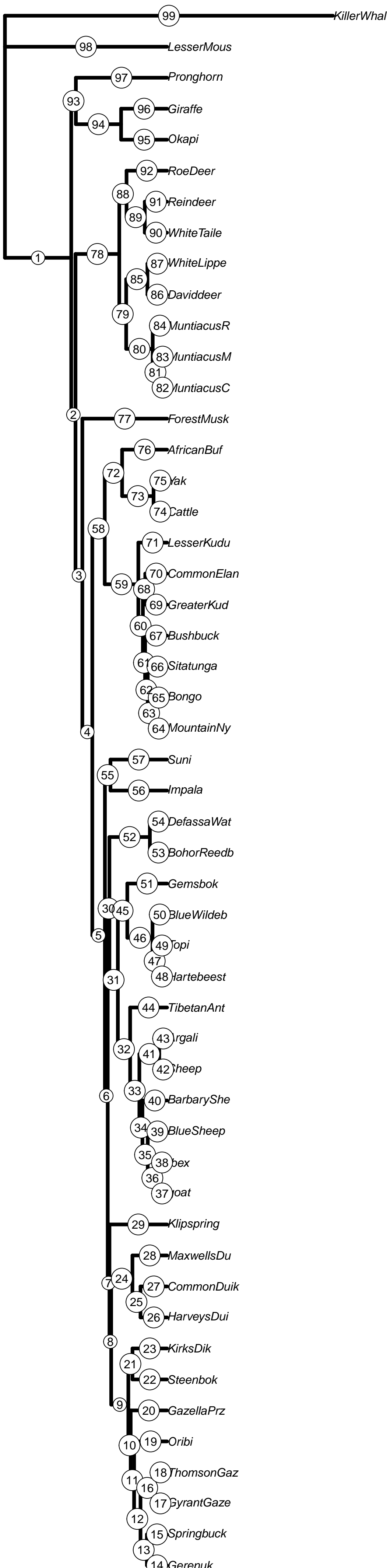
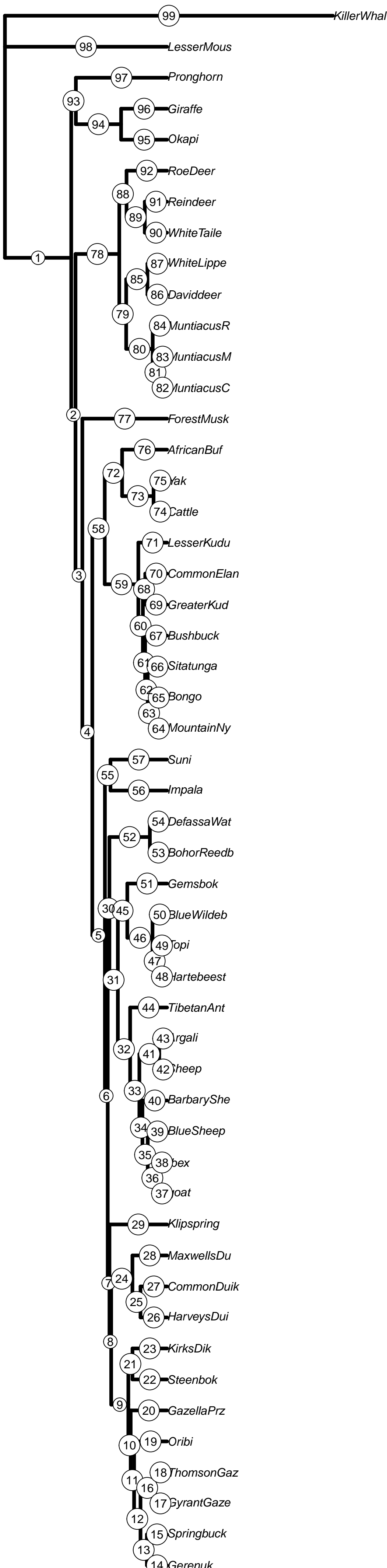


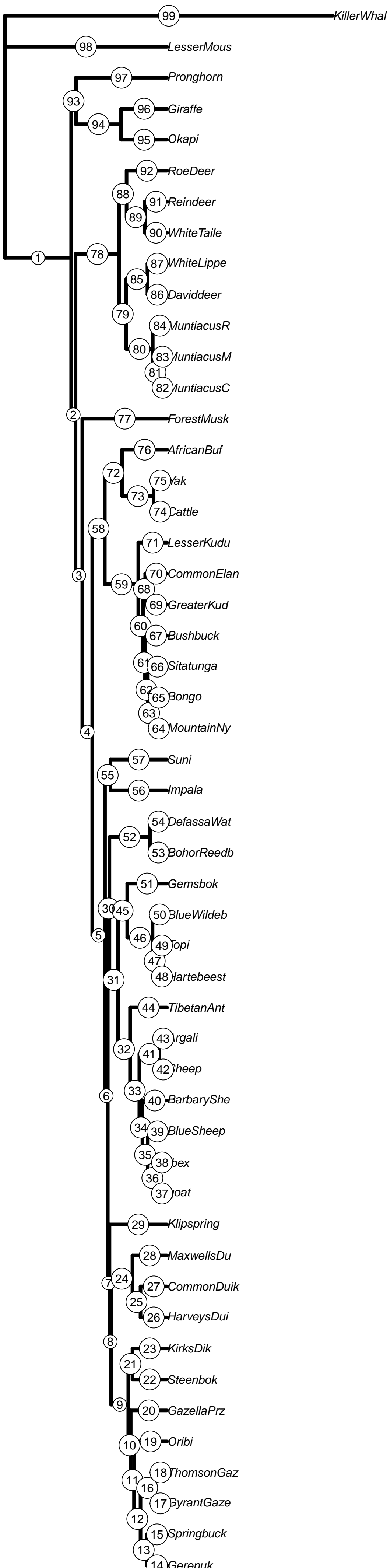
Significantly influential PC 1 branches – residual rates
(20.7% variance explained; unrooted tree shown)



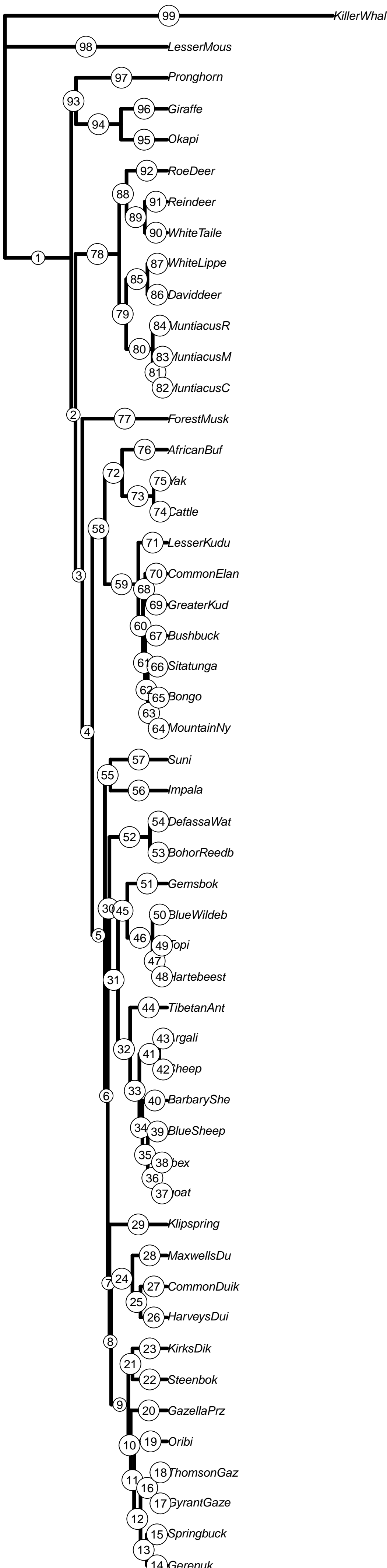
**Significantly influential PC 2 branches – residual rates
(18.6% variance explained; unrooted tree shown)**



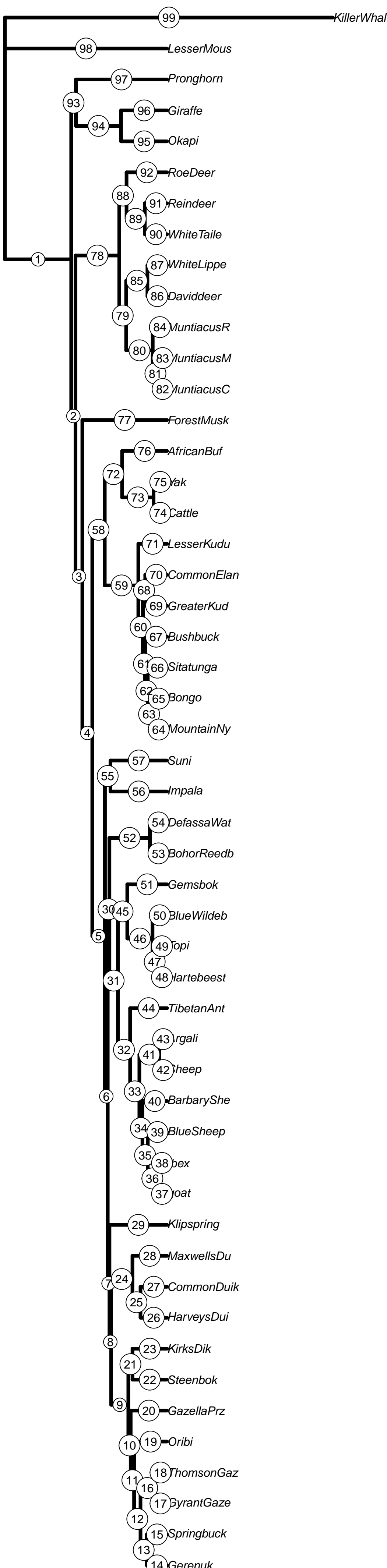
**Significantly influential PC 3 branches – residual rates
(15.8% variance explained; unrooted tree shown)**



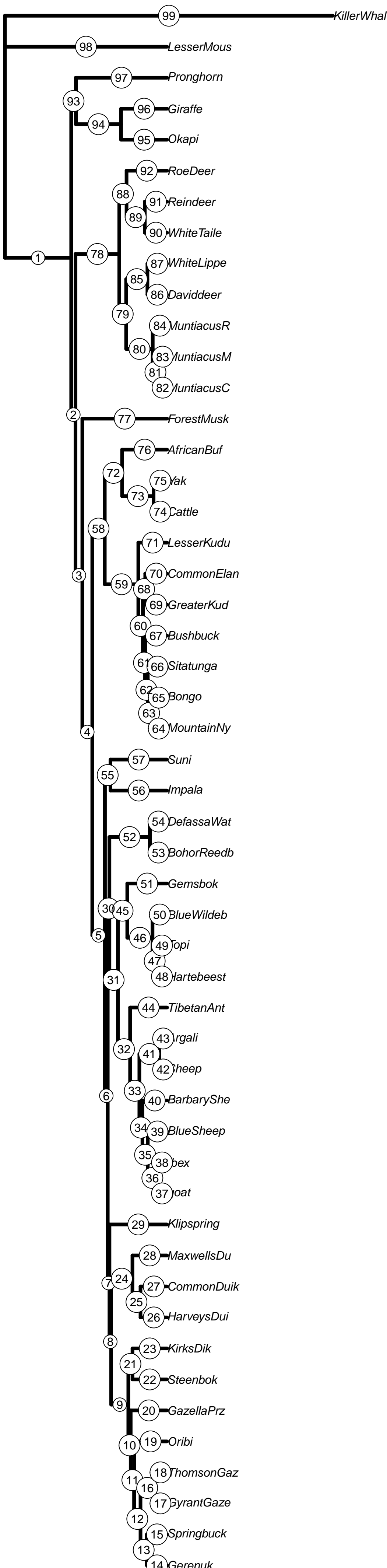
**Significantly influential PC 4 branches – residual rates
(4.5% variance explained; unrooted tree shown)**



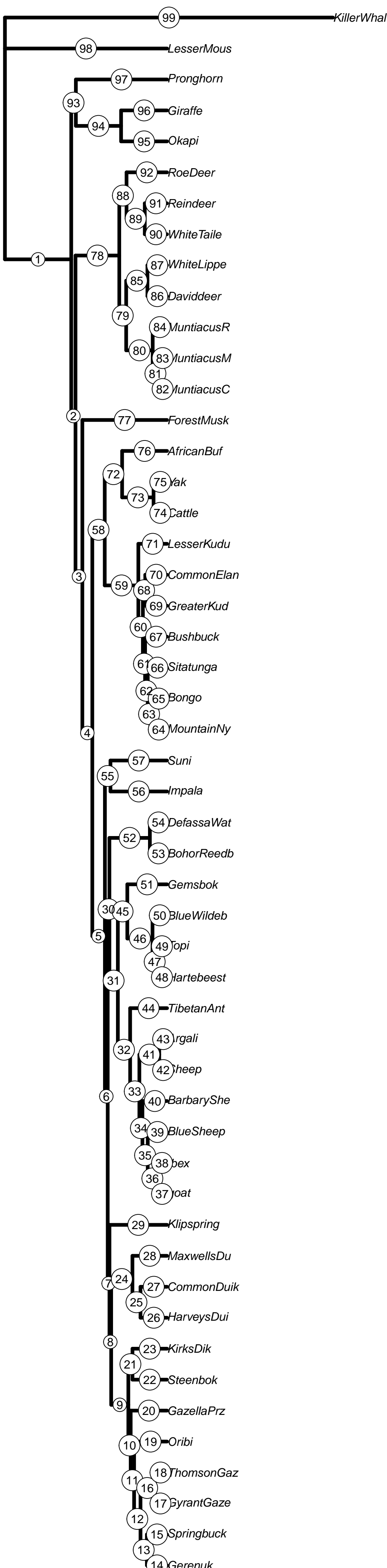
**Significantly influential PC 5 branches – residual rates
(4.1% variance explained; unrooted tree shown)**



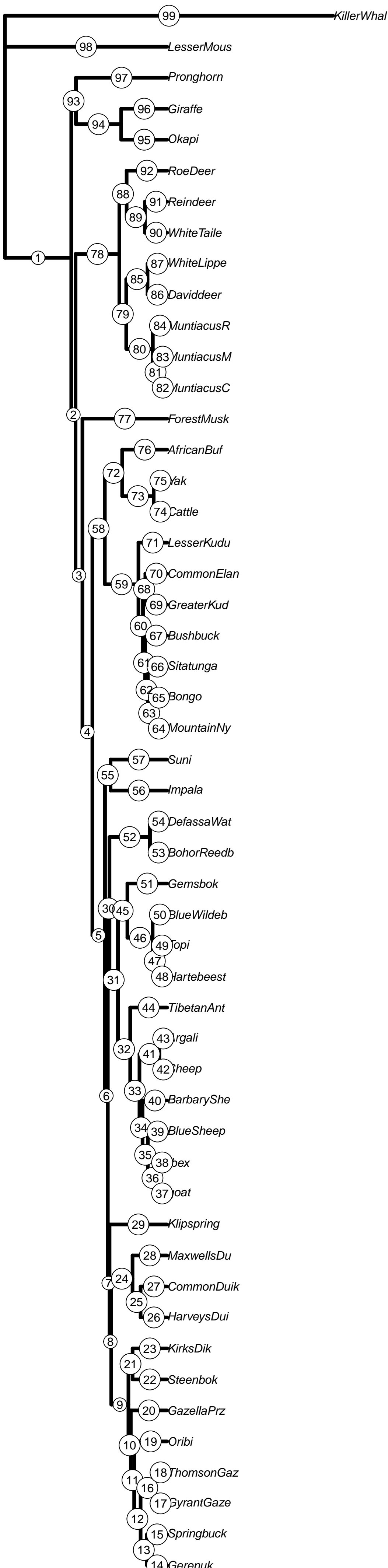
**Significantly influential PC 6 branches – residual rates
(3.7% variance explained; unrooted tree shown)**



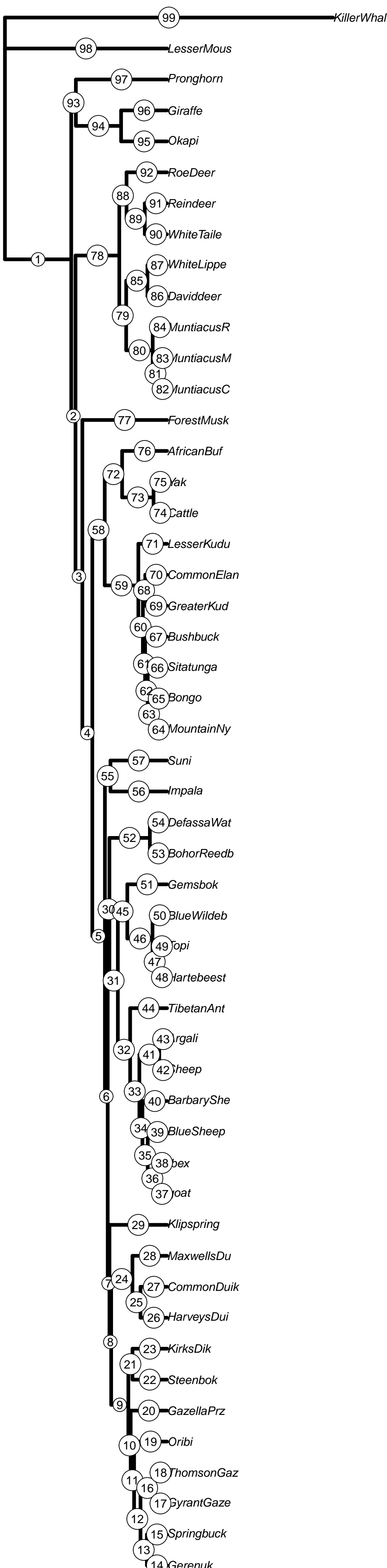
**Significantly influential PC 7 branches – residual rates
(3.5% variance explained; unrooted tree shown)**



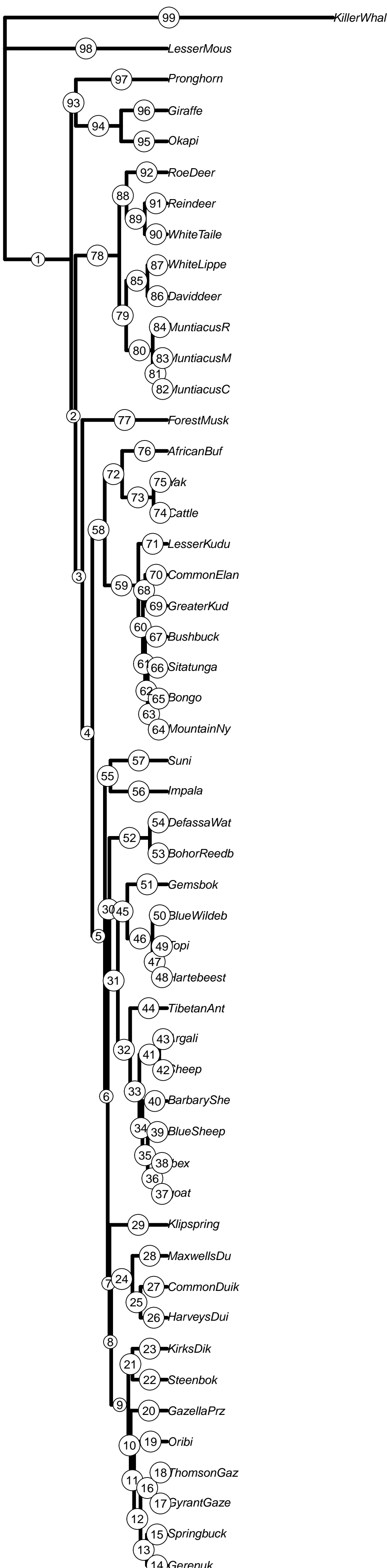
**Significantly influential PC 8 branches – residual rates
(3.3% variance explained; unrooted tree shown)**



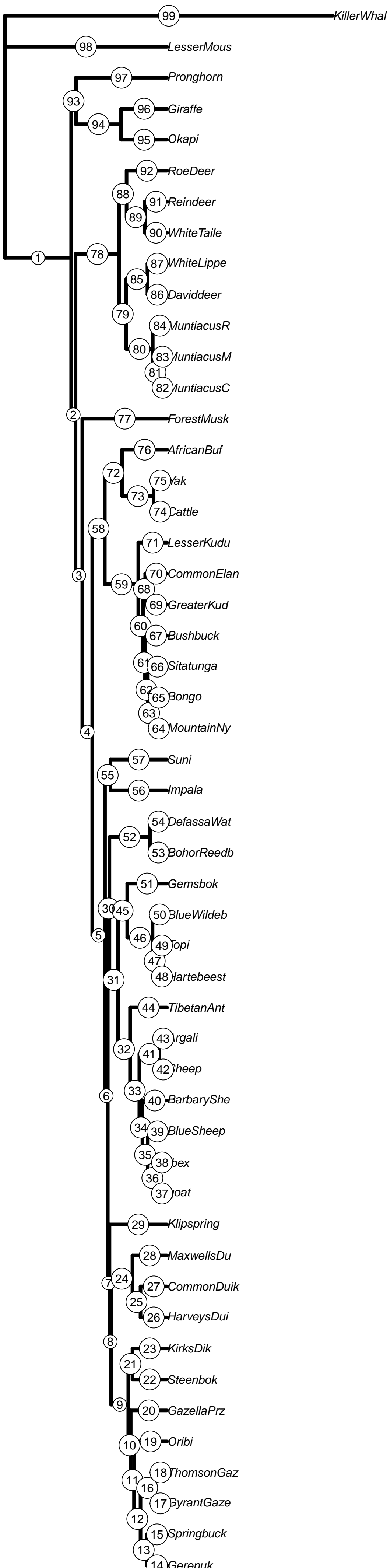
**Significantly influential PC 9 branches – residual rates
(3.1% variance explained; unrooted tree shown)**



**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)**

