

## KRUGER NATIONAL PARK: EXPERIMENTAL BURN PLOT TRIAL

Location:	South Africa
Duration:	1954- present (>50 yrs)
Vegetation type:	Sub-tropical savanna
Habitats included:	<i>Terminalia</i> savanna (Pretoriuskop) <i>Combretum</i> savanna (Skukuza) <i>Acacia</i> savanna (Satara) <i>Mopane</i> savanna (Mopane)
Mean annual rainfall:	750mm Pretoriuskop 600mm Skukuza 550mm Satara 450mm Mopane
Aspects of fire regime tested:	Season & frequency
Burning treatments:	Five seasons (summer, autumn, winter & spring burns), five different frequencies of burn, and a control plot which has remained unburnt for the duration of the experiment.

Frequency	February <i>Summer</i>	April <i>Autumn</i>	Season August <i>Winter</i>	October <i>Spring</i>	December <i>Summer</i>
	2	2	1	2	2
3	3	3	2	3	3
			3	4	
				6	

Plot size:	7 ha
Replication:	Four replicates of the treatments in each habitat type.

These photographs show plots burnt in August annually and the control plot (unburnt) in the Satara habitat.



## References:

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