

| Location | Province, Country | biome | status | Area (km ²) | Survey structure | Cam. Dist. (km) | (D) per 100km ² | No. adult animals | No. Traps. | Total Sites | Program | Authors |
|---------------------------|------------------------------|------------------------------|--------|-------------------------|---|---------------------------|-----------------------------|-------------------|------------|-------------|----------|------------------------|
| KNP | Mpumalanga, South Africa | Savanna – river areas | P | 12 34 | 3 years | Telemetry and observation | 30 + 9.7 | 5 9 | - | - | - | Bailey 1993 |
| KNP | Mpumalanga, South Africa | Savanna | P | 150 | 22 days per area for 4 areas | 3-7 | 12.7 | 14 (11M:3F) | 10 | 40 | CAPTURE | Maputla et al. 2013 |
| Mkhuze GR and Phinda PGR | Kwa-zulu Natal, South Africa | Savanna (with grasslands) | P | 130 | 40 days per area for 2 areas | - | 11.1 +-1.31 | 12 | 30 (p) | 60 | CAPTURE | Balme et al. 2009b |
| Soutpansberg | Limpopo, South Africa | Savanna, afro montane forest | NP | 31 | 3 months | 1.7 – 3.5 | 10.7 | 10 (3M:7F) | 13 (p) | 13 | SPACECAP | Chase-Grey et al. 2013 |
| Zululand rhino reserve | Zwa-Zulu Natal, South Africa | Savanna | P | 230 | 40 d over 4 months | 2 | 7 +- 2.64 - 2.5 +-0.2 | 6 (3M:3F) | 17 (p) | 34 | CAPTURE | Chapman & Balme 2010 |
| Farming matrix, Waterberg | Limpopo, South Africa | Savanna, montane | NP | 257 | 18-20 days per area within each of 3 locations lasting for 40-90 days per location. | Pair in 6.25 square | 6.59 +-5.2 | 12 (6M:6F) | - (p) | 43 | SECR | Swanepoel et al. 2015 |
| Lapala, Waterberg | Limpopo, South Africa | Savanna, montane | P | 296 | 18-20 days per area within each of 3 locations lasting for 40-90 days per location. | Pair in 6.25 square | 5.35 +-2.93 | 12 (7M:5F) | - (p) | 59 | SECR | Swanepoel et al. 2015 |

Appendix 1: Global leopard density estimates since 1989

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|--|------------------------------|---------------------------|----|---------|-------------------------------|---------------------|-----------------|----------------|--------|----|---------|-----------------------|
| Welgevonden, Waterberg | Limpopo, South Africa | Savanna, montane | P | 333 | | Pair in 6.25 square | 4.56 +-1.35 | 18 (5M:13F) | - (p) | 58 | SECR | Swanepoel et al. 2015 |
| Outside Phinda PGR | Kwa-zulu Natal, South Africa | Savanna (with grasslands) | NP | 130 | 40 days per area for 2 areas | - | 2.49 +-0.87 | 3 | 30 (p) | 60 | CAPTURE | Balme et al. 2009b |
| Matjiiesrivier NR, Cederberg Mountains | Western Cape, South Africa | Fynbos | P | 374 x 2 | 5 months over 2 years | Max 3 | F: 1.8-2.3 | 12 (6M:6F) | 20 (p) | 40 | CAPTURE | Martins 2010 |
| Matjiiesrivier NR, Cederberg Mountains | Western Cape, South Africa | Succulent karoo | P | 247 x2 | 5 months over 2 years | Max 3 | SK:0.6-0.9 | 7 (2M:5F) | 20 (p) | 40 | CAPTURE | Martins 2010 |
| Ivindo NP and Lopé NP | Gabon | Forest | P | 106 | 46 days | 1.5-2 | 12.08 +-5.11 | 15 | 31 | 31 | CAPTURE | Henschel 2008 |
| Tai NP, | Ivory coast | Forest | P | - | - | - | 8.7 | - | - | - | - | Jenny 1996 |
| North central farmland | Namibia | Savanna | NP | 364 | 52 days x 2 sessions | 3.6 | 3.6 | 10 | 8 (p) | 16 | CAPTURE | Stein et al. 2011 |
| Outside Ivindo NP | Gabon | Forest | NP | 51 | 39 days | 1.5-2 | 2.69 +-0.94 | 4 | 18 | 18 | CAPTURE | Henschel 2008 |
| Kaudom GR | Namibia | Savanna | NP | 595 | 3 years | Spoor and telemetry | 1.5 | 3M:3F | - | - | - | Stander 1997a |
| Waterberg plateau | Namibia | Savanna | P | 395 | 52 days x 2 sessions | 3.6 | 1.0 | 4 | 11(p) | 22 | CAPTURE | Stein et al. 2011 |
| Rajaji NP | India | Forest | P | 64 | 15 days per area over 45 days | 1.33-2.44 | 14.99 +-6.9 | 8 | 10 | 30 | MARK | Harihar et al. 2009 |

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| | | | | | | | | | | | | |
|--------------------|----------|--------|----|-------|-------------------|---------------------|-----------------|-----------------|--------|-----|----------|---------------------|
| Sariska Tiger R | India | Forest | P | 23.75 | 10 days over | - | 23.5 - 25 | 9 | 10 (p) | 20 | CAPTURE | Chauhan et al. 2005 |
| Akole Tahsil | India | Forest | NP | | 15 days x 2 areas | 1.5 | 4.8 +-1.2 | 11 | 20 (p) | 40 | SPACECAP | Athreya et al. 2013 |
| Huai Kha Khaend WS | Thailand | Forest | P | 100 | 2 years | Spoor and telemetry | 4 | (3M:2F) | - | - | - | Rabinowitz 1989 |
| Mondulkiri PF | Cambodia | Forest | P | 211 | 2 months | 2-3 | 3.6 +-1 | 12 (5M:7F) | 50 (p) | 50 | Density | Grey & Prum 2012 |
| Manas NP | India | Forest | P | 300 | 57 days | 1.75-2.15 | 3.4 +-0.82 | 27 (11M:13F) | 75 (p) | 150 | CAPTURE | Borah et al. 2013 |
| Tembat FR | Malaysia | Forest | P | 150 | 6 months | 4.4 | 3 | 9 (5M:4F) | 62 (p) | 62 | SECR | Hedges et al 2015 |

P= protected area, NP= non protected area, M=male, F= female, (p) = cameras were paired at a site.