## 2005 Game Count in the Gondwana Cañon Park



Annually as weeks	on record	IVES OF COUNTING
Sex, Age & Condition WHO: Rangers & Warden WHO: Rangers & Warden	e success Objective	Reasons why information is needed
Reference reference Poaching & illegal activities WHO: Warden (with help from everybody) MAIN Came	Rain   Dther     Pails     1. Estimate the Numbers   of game   How many?	<ul> <li>For:</li> <li>estimating stocking rates and biomass to manage the veld and grazing conditions and competition between species;</li> <li>setting reasonable off-take quotas;</li> <li>determining the value of wildlife in the Park;</li> <li>providing information to visitors.</li> </ul>
WHO: Guides Morta WHO: Guides Morta WHO: Rangers Monitoring Fivent Predators, Rare & Endangered species Morta System Off-takes	Lities       2. Produce wildlife         S & Guides       Distribution         Culling       Where are they?         Capture       Where are they?	<ul> <li>For: <ul> <li>land-use planning and zonation;</li> <li>planning tourism routes;</li> <li>monitoring veld condition in areas of high game concentrations;</li> <li>tracking distribution changes from year to year in</li> </ul> </li> </ul>
WHO: Rangers, Guides, Chief Ranger, Warden, Directors WHO: Warden Range Range Shrubs WHO: Warden WHO: Warden WHO: Warden Range Speci	Trophy hunting geland trend al species 3. Monitoring <u>Population</u> Changes	<ul> <li>Tracking distribution changes from year to year in response to rainfall or human factors such as water distribution, removal of fences, off-takes, etc.</li> <li>For:         <ul> <li>monitoring changes per species per year;</li> </ul> </li> </ul>

Is wildlife increasing or decreasing?

achieve its goals and objectives for wildlife management, biodiversity conservation and the protection of rare and vulnerable species.

## Game Count Routes Route 1 Route 2 Route 3 Route 3 Route 4 Route 5 Route 6 Route 7 Terrein Zonation Granite koppies Incised plateau Outcrops and Inselberge Plains-Gravel Plains-Sandy River Southern Mountains



Wildlife numbers 1997-2004



Wildlife Biomass

Value of wildlife



Targets for wildlife numbers per species based on biomass that can be supported under variable amounts of annual rainfall, as a percentage of the longterm mean and compared to the numbers estimated for 2005

14,000

