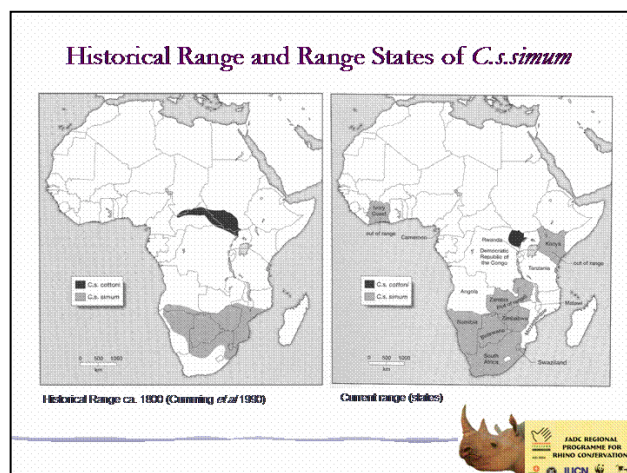
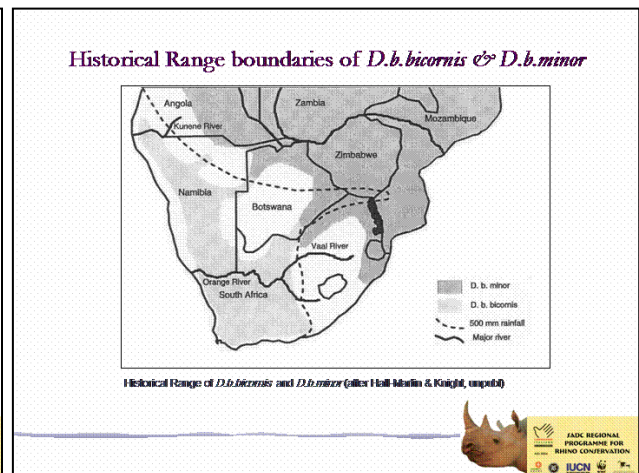
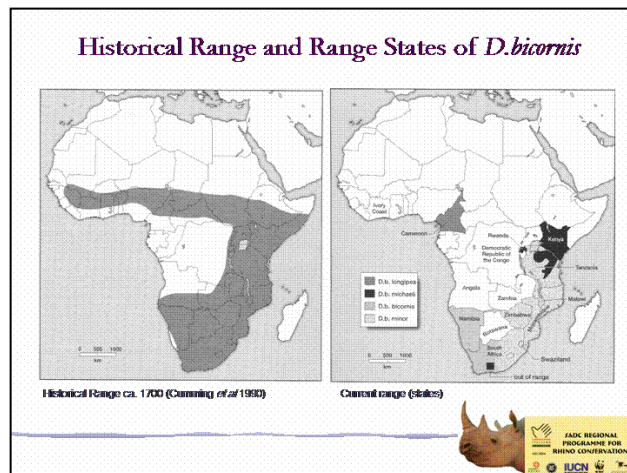


### 3 PRESENTATIONS FROM SADC RHINO CONSORTIUM

#### 3.1 Presentation: Regional Metapopulation Management (Rob Brett – Programme Coordinator)



- Subspecies by Range State**
- Diceros bicornis minor* (Southern black rhino)
    - Angola, Botswana, Malawi, Mozambique, South Africa, Swaziland, Tanzania, Zambia, Zimbabwe
  - Diceros bicornis bicornis* (South Western black rhino)
    - Angola, Botswana (?), Namibia, South Africa
  - Ceratotherium simum simum* (Southern white rhino)
    - Angola, Botswana, Malawi (?), Mozambique, Namibia, South Africa, Swaziland, Zambia (out of range), Zimbabwe

**Range States by Subspecies**

Angola	<i>D.b.minor</i> , <i>D.b.bicornis</i> , <i>C.s.simum</i>
Botswana	<i>D.b.minor</i> , <i>D.b.bicornis</i> (?), <i>C.s.simum</i>
Malawi	<i>D.b.minor</i> , <i>C.s.simum</i> (?)
Mozambique	<i>D.b.minor</i> , <i>D.b.bicornis</i> , <i>C.s.simum</i>
Namibia	<i>D.b.bicornis</i> , <i>C.s.simum</i>
South Africa	<i>D.b.minor</i> , <i>D.b.bicornis</i> , <i>C.s.simum</i>
Swaziland	<i>D.b.minor</i> , <i>C.s.simum</i>
Tanzania	<i>D.b.minor</i>
Zambia	<i>D.b.minor</i> , <i>C.s.simum</i> (out of range)
Zimbabwe	<i>D.b.minor</i> , <i>C.s.simum</i>

- Subspecies Conservation Goal**
- 2,000 animals
- A Metapopulation**
- Two or more geographically separated populations, with rhinos translocated between them in order to achieve managed gene flow
- Genetic Management ideals for new populations**
- 20 or more effective (unrelated, breeding) founders
  - Establish in an area with CCs of at least 100 rhinos
  - Periodic interchange of breeders (1-2 animals per generation)
  - Maintain rapid growth rates

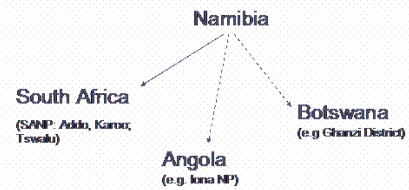
### National Metapopulations

- ✓ Zimbabwe (*D.b.minor*, *C.s.simum*)
- ✓ South Africa (*D.b.minor*, *D.b.bicornis*, *C.s.simum*)
- ✓ Namibia (*D.b.bicornis*, *C.s.simum*)
- ✓ Botswana (*C.s.simum*)
- ✓ Swaziland (*D.b.minor*, *C.s.simum*)
- ✓ Tanzania (*D.b.minor* – *Selous GR*)

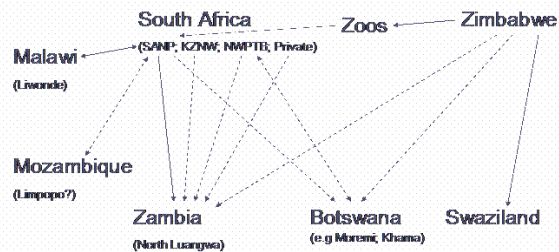
#### Countries to include in regional metapopulation

- ✓ Malawi (*D.b.minor*)
- ✓ Zambia (*D.b.minor*, *C.s.simum* (out of range))
- ✓ Botswana (*D.b.minor*)
- ✓ Mozambique (*C.s.simum*, *D.b.minor*)
- ✓ Angola (*D.b.bicornis*)

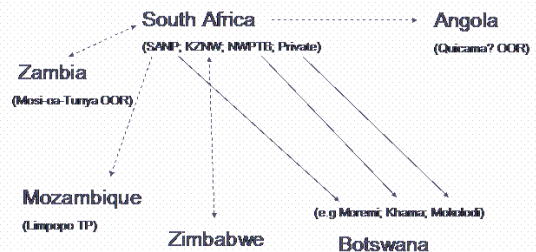
### Opportunities for Regional Metapopulation Management *D.b.bicornis*



### Opportunities for Regional Metapopulation Management *D.b.minor*



### Opportunities for Regional Metapopulation Management *C.s.simum*



### Rhino Transactions

- ✓ Donation
- ✓ Live Sale (e.g. at auction)
- ✓ Swap for other species
- ✓ Deposit/Loan
- ✓ Rhino Rental