**Welfare Management System – Guidance Notes**

* Triple component system for each species
  + Part 1 is assessed by Animal and Veterinary teams
  + Part 2 is assessed by keepers
  + Part 3 is assessed by Animal team and Registrars
* All completed components then passed to Living Collections Curator who, with the relevant team leaders/deputy curator will compile the Welfare Management Action Plan
* The Welfare Management Action Plan will then be used to feed into all relevant aspects of future management and planning including the Animal Collection Plan, maintenance and construction plans, veterinary assessment plans, departmental budgets and animal section working protocols.
* Some issues that the WMS highlights may then require more long term in-depth investigation, e.g. behavioural abnormalities, and this investigation will be triggered by the completion of the Welfare Management Action Plan

**Welfare Audit Part 3 – Social Grouping, Reproduction, Mortality and Morbidity Review**

**SPECIES:**

**STOCK:**

**ENCLOSURES:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameter** | **Defined Target1** | **Current Situation2** | **Assessment** | **Action Priority** |
| **State the normal family group composition** |  | State the stock ratio for each group in the collection  \_\_\_\_\_\_\_\_\_\_ | Acceptable  / Not Acceptable | None / Low /  Medium / High |
| **State whether the species is monogamous or polygamous** | Monogamous / Polgyamous / Polygynous / Polygynandrous | Monogamous / Polgyamous / Polygynous / Polygynandrous | Acceptable  / Not Acceptable | None / Low /  Medium / High |
| **If appropriate state which sex is the dominant sex** | Neither/ Male / Female / Hermaphrodites | Neither/ Male / Female / Hermaphrodites | Acceptable  / Not Acceptable | None / Low /  Medium / High |
| **State the age for which offspring are expected to disperse from the natal group** | Unknown / \_\_\_years/  \_\_\_months | Unknown / \_\_\_years/  \_\_\_months | Acceptable  / Not Acceptable | None / Low /  Medium / High |
| **State which sex disperse from the natal group** | Male and Female /  Male / Female / Neither | Male and Female /  Male / Female / Neither | Acceptable  / Not Acceptable | None / Low /  Medium / High |
| **Can bachelor groups develop for this species?** | Yes / No | Yes / No | Acceptable  / Not Acceptable | None / Low /  Medium / High |
| **State whether or not an ESB/EEP breeding recommendation is required for this species.** | Yes / No  (recommended by ESB/EEP) | Yes / No | Acceptable  / Not Acceptable | None / Low /  Medium / High |
| **State whether or not an ESB/EEP contraceptive recommendation has been implemented for this species.** | Yes / No  (recommended by ESB/EEP) | Yes / No | Acceptable  / Not Acceptable | None / Low /  Medium / High |
| **State whether or not a specific ESB/EEP reproductive recommendation for of this species has been implemented.**  **(Light levels, temperature, housing facilities, group composition)** | None / Specific requirement (state): | N/A /None / Specific requirement (state): | Acceptable  / Not Acceptable | None / Low /  Medium / High |
| **State the age at first breeding** | \_\_\_\_\_\_years | \_\_\_\_\_\_years | Acceptable  / Not Acceptable | None / Low /  Medium / High |
| **State the average number of offspring per pregnancy/clutch for this species** | \_\_\_\_\_\_\_per litter/clutch | \_\_\_\_\_\_\_per litter/clutch | Acceptable  / Not Acceptable | None / Low /  Medium / High |
| **State the inter-birth interval for this species** | Unknown / \_\_\_years/  \_\_\_months | Unknown / \_\_\_years/  \_\_\_months | Acceptable  / Not Acceptable | None / Low /  Medium / High |
| **State any birthing / rearing problems in last 2 years that have been experienced with this species** |  |  | Acceptable  / Not Acceptable | None / Low /  Medium / High |
| **State the average life span of this species in**  **captivity** | \_\_\_\_\_years | On going / \_\_\_\_years /  \_\_\_\_months | Acceptable  / Not Acceptable | None / Low /  Medium / High |
| **State the number of deaths in the collection in the last 3 years** | N/A |  | Acceptable  / Not Acceptable | None / Low /  Medium / High |
| **State the % of deaths in the last 3 years that reached 75% of life expectancy** | 100% |  | Acceptable  / Not Acceptable | None / Low /  Medium / High |
| **State the number of veterinary interventions per animal per year = No of interventions/Total number of animals held in collection in 2 year period.** | ˂3 |  | Acceptable  / Not Acceptable | None / Low /  Medium / High |
| **State the chronic condition rate of this species = Number of animals on long term medication / Total numbers of animals held in collection in the past *6 months*** | None |  | Acceptable  / Not Acceptable | None / Low /  Medium / High |
| **State the any recurring clinical issues presented by this species in last 2 years** | None |  | Acceptable  / Not Acceptable | None / Low /  Medium / High |

1State in the Defined Target Box if this species has a breeding recommendation either from the EEP/ESB or Life Sciences Management.

2 State in the Defined Target box if this contraception is approved by the EEP/ESB or if authorised by the Life Sciences Management.

3 State in the Defined Target box if this species has specific requirements to stimulate breeding, for example light levels, temperature, housing facilities, group composition. In the Current Situation box describe if these have been met.

4  A veterinary intervention is a procedure requiring a General Anaesthetic.