

Working WITH Afro-Eurasian Monkeys in your Collection

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About me

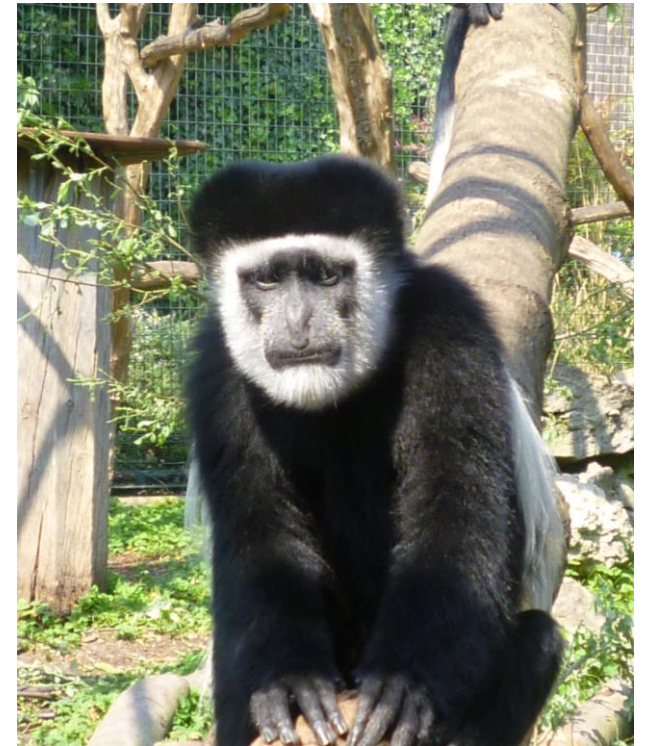


- Worked in zoos/aquaria since 2000
- ZSL London and Whipsnade Zoos, Colchester Zoo, Paradise Wildlife Park
- Worked internationally with Steve Martin (Natural Encounters)
- Consulted for WAPCA and in Middle East
- Member of IAATE since 2012 (PDC, board nominated)
- Certified Professional Bird Trainer – IATCB
- Dr Susan Friedman's LLA
- BIAZA Silver Award Winner 2020 Behaviour and Welfare c



Benefits of Behaviour Management

- Less stress (for animal and keeper)
- Lower costs for veterinary treatment
- Better baseline medical data
- Continuous keeper development
- Improved keeper/animal relationships
- Improved PR opportunities
- Enrichment opportunities



Useful Behaviours for Afro-Eurasian Monkeys in Zoos

- Shifting – for husbandry and veterinary care
 - Recall – for husbandry and emergency
- Crate training – for translocation or veterinary care
- Stationing – in enclosure for training or husbandry
- Scale training – to monitor healthy body weight
- Open mouth – for teeth check or medication
- Voluntary medicating – for courses of treatment or one off
 - Hand injection – medication or sedation
 - Target – body part presentation
- Cooperative feeding between conspecifics – can reduce aggression within a group and ensure subordinates receive medication
 - Retrieve – foreign objects from enclosure
- Conscious ultrasound – for pregnancy or injury



What is 'Co-operative Care'?

Having monkeys participate in their own husbandry and veterinary care

Possible through science of behaviour change

Foundation behaviours: stationing/recall/shifting and targeting are the basis for all good cooperative care

Often practiced with great apes and overlooked with monkeys

Positive reinforcement led behaviour management empowers monkeys and staff alike

Keeper development – builds experience within the team

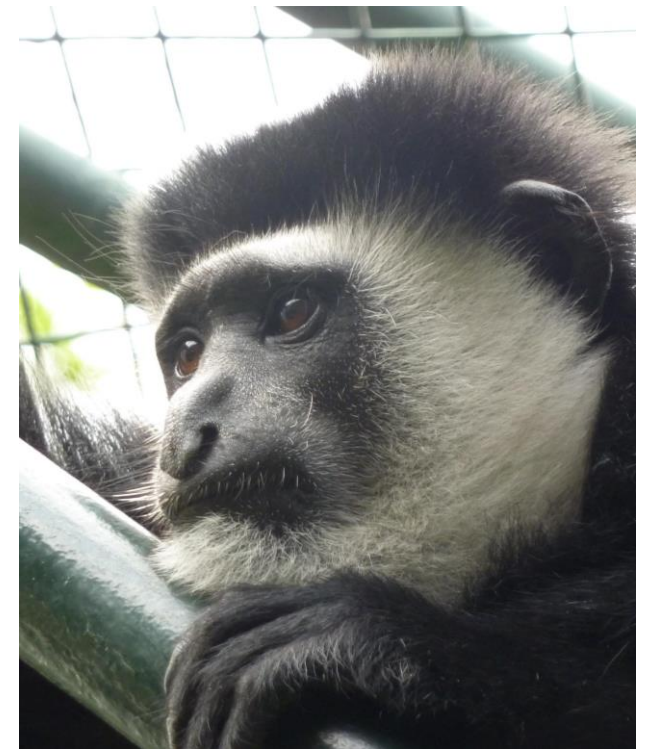
Shift training Eastern Black and White Colobus monkeys (*Colobus guereza*) at ZSL London Zoo

Large breeding group of B&W Colobus

Trained to shift inside for husbandry

Wooden spoon used as a target

Monkey nuts as reinforcer



Diana Monkey Injection Training – ZSL London Zoo



- Diabetic, geriatric female Diana monkey (*Cercopithecus diana*)
- Trained to station ‘side on’ to the mesh
- Given a target to hold to aid position
- Ramp built to aid position
- Trained multiple times per day
- Blood sugars tested via urine samples collected daily
- Injected once per day – time varied each day depending on blood sugars
- Also given oral medication each morning

Vervet monkey (*Chlorocebus pygerythrus*) training at Al Ain Zoo



Vervet monkeys trained to
shift on cue



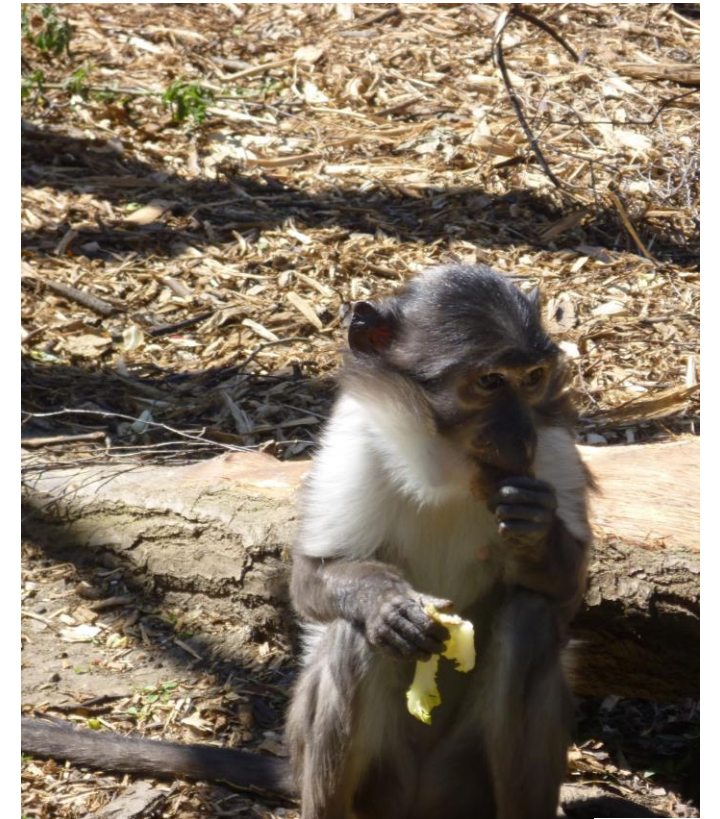
Trained to station when
keepers entered enclosure

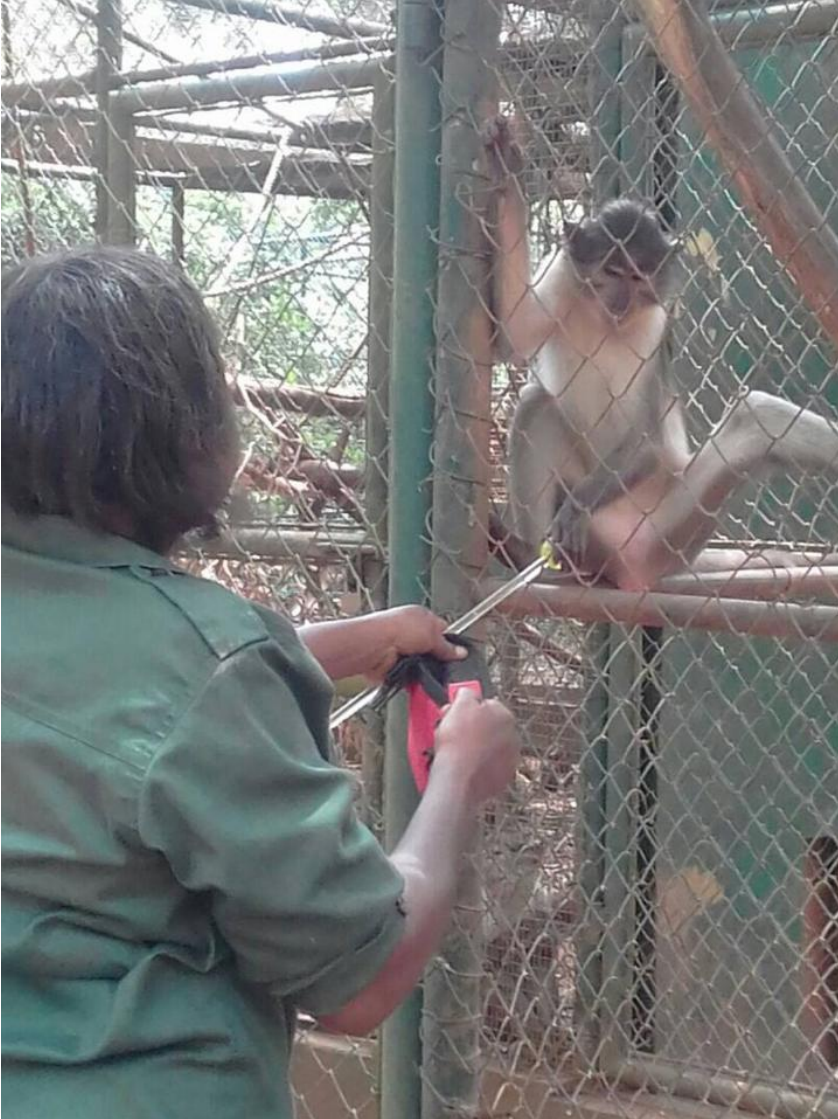


Trained to recall

White-naped mangabey (*Cercocebus lunulatus*) box training - WAPCA

- WAPCA have 2 facilities, Accra Zoo and Kumasi Zoo
- Semi-free enclosure at Kumasi
- Positive reinforcement training plan put in place in Accra
- Mangabeys moved between the zoos and also for the breeding programme
- Multiple monkeys moved successfully between the zoos via voluntary crating





White-naped mangabey (*Cercocebus lunulatus*) target training - WAPCA

- Target is a useful foundation behaviour
- Can be used for scale training/box training or general condition checks
- Can be a base for an open mouth behaviour
- Can be used for shifting

White-naped
mangabey
(*Cercocebus
lunulatus*)
target training -
WAPCA



White-naped mangabey (*Cercocebus lunulatus*) hand injection - WAPCA

Monkey trained to present his back

Trained for touch/pressure on back

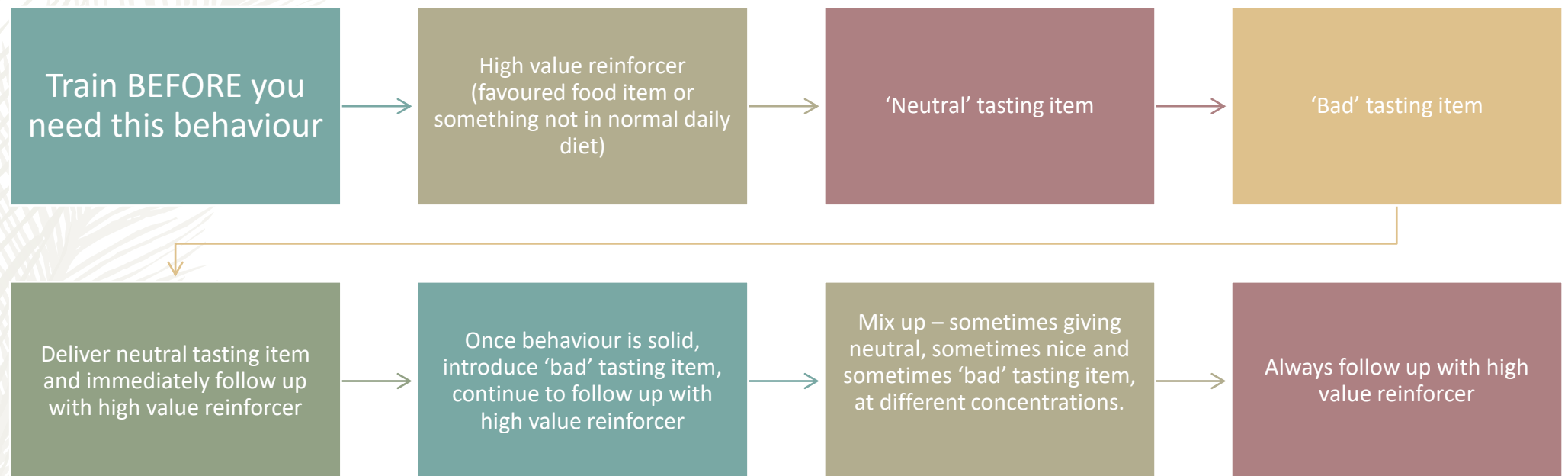
Injection administered successfully

Monkey reacts – perhaps needs more work to prepare for the next one

Far less stressful than darting, for monkey, troop and keeper team




Taking medication voluntarily



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