

## Up-to-date information on the Spix's Macaw project - October 2018

### Captive population development this century

2000 53

2003 54

2010 71

2015 108

2018 158

### Numbers in captivity June 2018

141 at ACTP, Germany, including macaws from Qatar

11 at Fazenda Cachoeira, Brazil

4 at Pairi Daiza Foundation, Belgium

2 at Jurong Wildlife Park, Singapore

158

Some of the challenges with the de-extinction programme of the Spix's Macaw

- Complete construction (very remote region)
- Transport birds back to Brazil
- Acclimatise birds to local climate and foods
- Monitoring equipment set up and put into motion
- Birds individually assessed for readiness for release
- Ensure the habitat stays protected
- Good community work sustained
- Community involvement
- Post release tracking and monitoring
- Field staff constantly in the field
- Good predator avoidance training
- Trial release with Illiger's macaws
- Combining wild Illiger's macaws in the release aviary for training pre-release

- Placing extra nest boxes for the birds
- Supplying feeding stations with monitoring equipment for the first two years, especially in the dry season

### De-acclimatisation to people programme

#### In Germany

- Fed in groups with very little human interaction
- Group housed in very large flights
- Parent-raised chicks added to the group

#### When in Brazil

- Housed in even larger flights than in Germany with wild Illiger's macaws added
- Fed in enclosure with pulley system from an indoor hidden compartment ensuring minimal human contact

### De-extinction programme of the Spix's Macaw

#### 2019

- Complete building release facility in Brazil
- Transfer 20 Spix's Macaws from Germany to Brazil

#### 2020

- Trial release of Illiger's macaws
- Condition Spix's Macaws with Illiger's macaws

#### 2021

- Initial release of Spix's Macaws with wild Illiger's macaws