

ANIMAL WELFARE REPORT

Demonstration Zoo

# Enrichment report

Environmental enrichment programme — installations, evaluations and diversity

SCOPE

All sectors

ANALYSIS PERIOD

01/01/2026 – 28/09/2026

GENERATED ON

28/09/2026, 22:00

AKONGO

# Contents

*Integration into daily care, evaluation of success, range of categories and renewal of the catalogue, over the period analysed.*

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## Context and method

This report documents the environmental enrichment programme over the period and scope shown on the cover. It relies on the records made by the keepers in Animal Welfare Monitor: each installation of an enrichment in an enclosure, and the evaluations of the animals' response: integration into daily care, evaluation of success, range of categories and renewal of the catalogue.

Method: indicators are calculated over the period analysed only; the comparison with the previous period is presented separately in section 6. The evaluation methods and the glossary below define the terms used.

### Evaluation methods

- Simplified evaluation: the keeper's overall judgement of the animals' response to an installation — positive, neutral or negative — for the whole group or one individual, with an optional comment. It can be repeated during the installation.
- Advanced evaluation: a questionnaire on the animals' response (interest, duration, individuals involved...) and, for each behavioural goal expected for the enrichment, whether it was observed. The result is positive when at least 66 % of the expected goals are reached, negative below 33 %, neutral in between. Goals observed although they were not expected are recorded separately.
- Both evaluations can be made right after the installation or later (delayed evaluation). An enrichment can be evaluated several times; each evaluation counts.

### Glossary

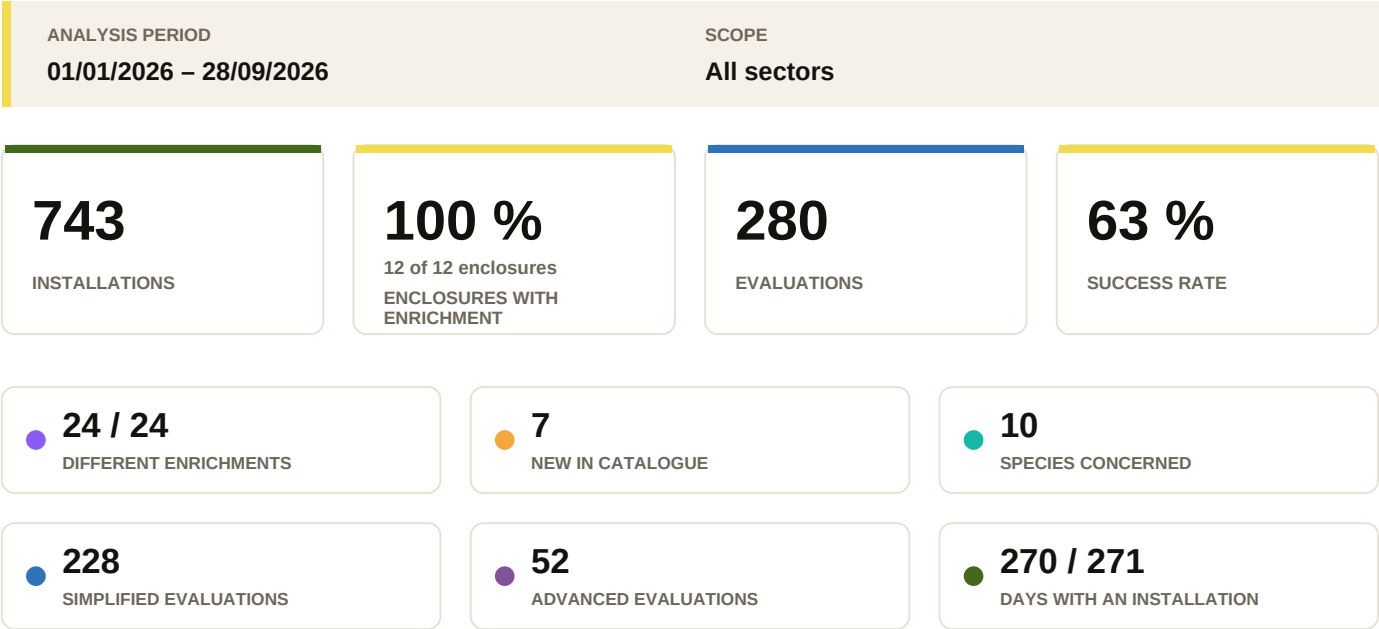
|                                  |                                                                                                            |                            |                                                                                                                      |
|----------------------------------|------------------------------------------------------------------------------------------------------------|----------------------------|----------------------------------------------------------------------------------------------------------------------|
| <b>Installation</b>              | Putting one or more enrichments in an enclosure, from installation to removal.                             | <b>Refill</b>              | Topping up a permanent enrichment (food, scent, substrate). Not counted as an installation.                          |
| <b>Combination</b>               | Several catalogue items installed together in one installation; each item counts in « items distributed ». | <b>Items distributed</b>   | Sum of the catalogue items of every installation: it can exceed the number of installations.                         |
| <b>Different enrichments</b>     | Distinct catalogue items used over the period.                                                             | <b>Category</b>            | Main family of an enrichment (physical, feeding, sensory, cognitive, social).                                        |
| <b>Tag</b>                       | Behaviour the enrichment aims to stimulate, attached to a category (e.g. foraging, object manipulation).   | <b>Behavioural goal</b>    | Behaviour expected when the enrichment is installed, checked during an advanced evaluation.                          |
| <b>Simplified evaluation</b>     | Overall judgement of the keeper: positive, neutral or negative.                                            | <b>Advanced evaluation</b> | Questionnaire and check of the expected behavioural goals; positive from 66 % of goals reached, negative below 33 %. |
| <b>Success rate</b>              | Share of positive results among classified evaluations.                                                    | <b>Goals reached</b>       | Goals observed out of goals expected over the advanced evaluations.                                                  |
| <b>Enclosure with enrichment</b> | Enclosure of the scope that received at least one installation over the period.                            | <b>Active day</b>          | Day with at least one installation.                                                                                  |
| <b>Exposure time</b>             | Time between installation and removal of an enrichment.                                                    | <b>Statistical caution</b> | Below 10 evaluations, a rate is shown in grey with its sample size, as an indication only.                           |

### The park's enrichment programme

The park's enrichment programme aims for a daily installation in every sector, adapted to each species. Enrichments are proposed by the keeper team, approved by the welfare lead (safety, suitability for the species), then evaluated in the days after installation.

# 1 Key indicators

Overview of the enrichment programme over the period analysed.



- READING KEY
- Installation: putting one or more enrichments in an enclosure, from installation to removal. Refills of a permanent enrichment are not counted as installations.
  - Enrichment: one catalogue item. Four separate Kongs = 4 enrichments; a box filled with food = 1 enrichment (a combination); a scent, a scatter feed and a Kong = 3 enrichments.
  - Different enrichments: distinct catalogue items used over the period, out of the items available for the scope.
  - Simplified evaluation: the keeper's overall judgement — positive, neutral or negative. Advanced evaluation: questionnaire and check of the behavioural goals expected (see Context and method).
  - Success rate: share of positive results among classified evaluations. Colours: 25 % or less red, 26–50 % orange, 51–75 % yellow, 76–100 % green.
  - Statistical caution: a rate calculated on fewer than 10 evaluations is shown in grey with its sample size (n = x), as an indication only.
  - Enclosures with enrichment: enclosures of the scope that received at least one installation. New in catalogue: items added to the catalogue during the period.

## 2 Integration into daily care

The tables and charts below quantify, by species, sector and enclosure, the enrichments delivered and their regularity.

### 2.1 — Enrichment effort by species

Installations, items and different enrichments per species, with the behaviours most targeted (enrichment tags). One installation can combine several items (a combination): that is why the items distributed can exceed the number of installations. Evaluations are detailed in section 3.

| Species                                                                         | Installations | Items distributed | Different enrich. | Main behaviours targeted (tags)                                        |
|---------------------------------------------------------------------------------|---------------|-------------------|-------------------|------------------------------------------------------------------------|
| <b>Red panda</b><br><i>Ailurus fulgens</i><br>2 enclosures                      | 136           | 153               | 21                | Olfactory behaviours (40)<br>Object manipulation (32)<br>Foraging (31) |
| <b>Asian small-clawed otter</b><br><i>Aonyx cinereus</i><br>2 enclosures        | 111           | 139               | 24                | Foraging (44)<br>Problem solving (42)<br>Object manipulation (29)      |
| <b>Red ruffed lemur</b><br><i>Varecia rubra</i><br>1 enclosures                 | 70            | 85                | 23                | Foraging (32)<br>Problem solving (28)<br>Feeding (19)                  |
| <b>Southern white-cheeked gibbon</b><br><i>Nomascus siki</i><br>1 enclosures    | 66            | 83                | 23                | Olfactory behaviours (24)<br>Foraging (20)<br>Problem solving (16)     |
| <b>Maned wolf</b><br><i>Chrysocyon brachyurus</i><br>1 enclosures               | 65            | 77                | 20                | Exploration (24)<br>Foraging (24)<br>Feeding (19)                      |
| <b>Blue-eyed black lemur</b><br><i>Eulemur flavifrons</i><br>1 enclosures       | 62            | 75                | 17                | Foraging (32)<br>Feeding (23)<br>Object manipulation (21)              |
| <b>Lac Alaotra bamboo lemur</b><br><i>Haplemur alaotrensis</i><br>1 enclosures  | 62            | 73                | 19                | Problem solving (28)<br>Foraging (21)<br>Feeding (19)                  |
| <b>Black-and-white ruffed lemur</b><br><i>Varecia variegata</i><br>1 enclosures | 58            | 67                | 20                | Problem solving (17)<br>Locomotion (14)<br>Object manipulation (13)    |
| <b>Crowned sifaka</b><br><i>Propithecus coronatus</i><br>1 enclosures           | 57            | 63                | 16                | Foraging (31)<br>Feeding (21)<br>Object manipulation (18)              |
| <b>Yellow-cheeked gibbon</b><br><i>Nomascus gabriellae</i><br>1 enclosures      | 56            | 63                | 16                | Exploration (26)<br>Foraging (17)<br>Olfactory behaviours (13)         |

« Items distributed » adds up the enrichments of every installation (a combination counts each of its items). In multi-species enclosures, each installation is counted for every species present.

## 2.2 — Distribution rhythm

Rhythm of enrichment installations over the period — regularity is the key evidence of integration into daily care.

●

270 / 271

DAYS WITH AN INSTALLATION

●

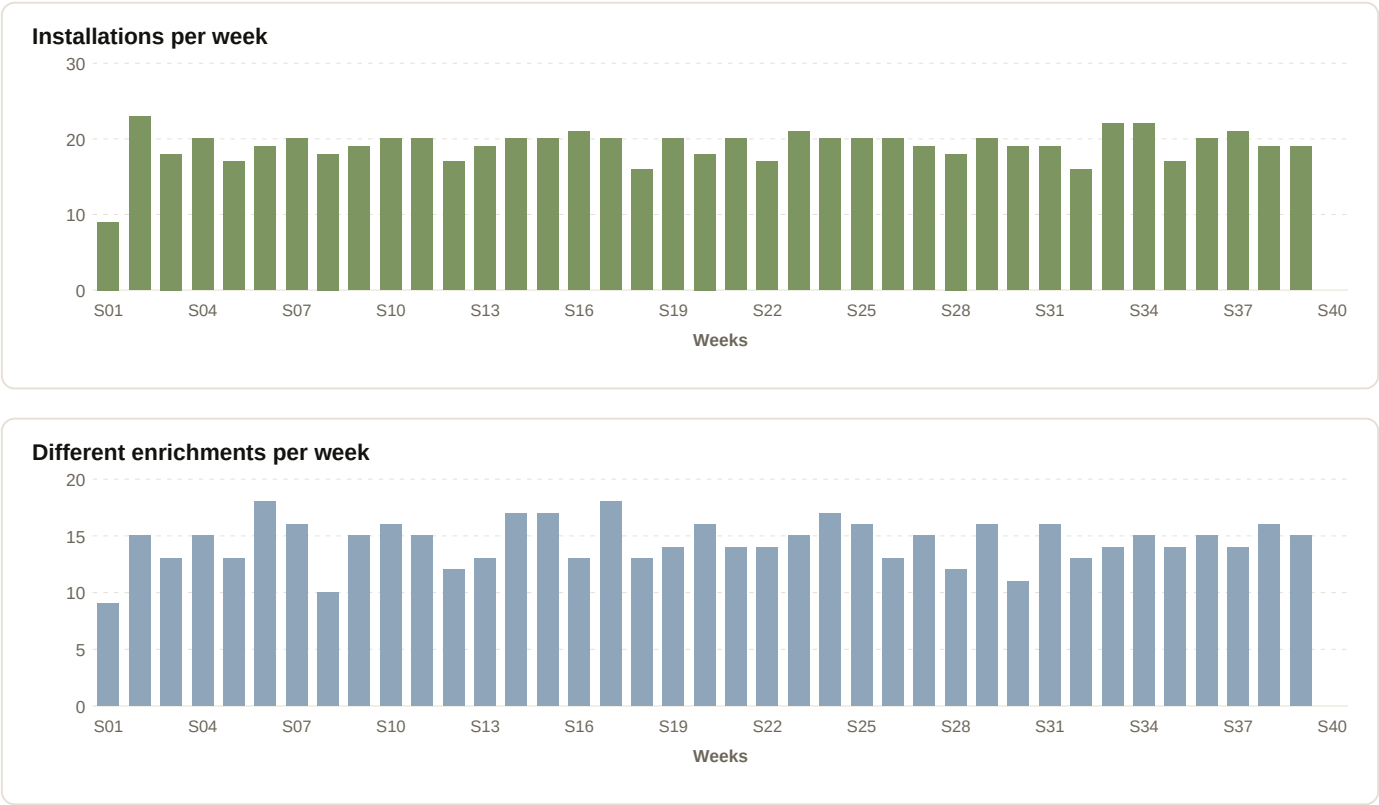
2.8

INSTALLATIONS PER ACTIVE DAY

●

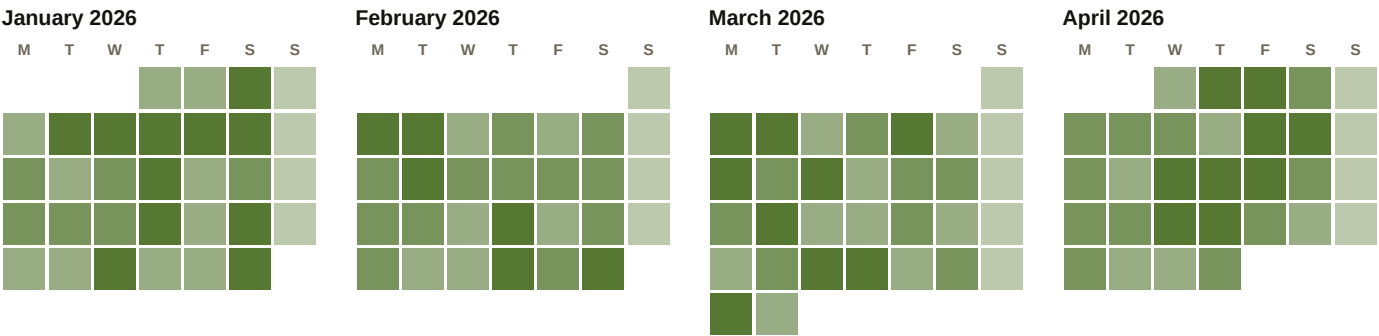
2 d 1 h

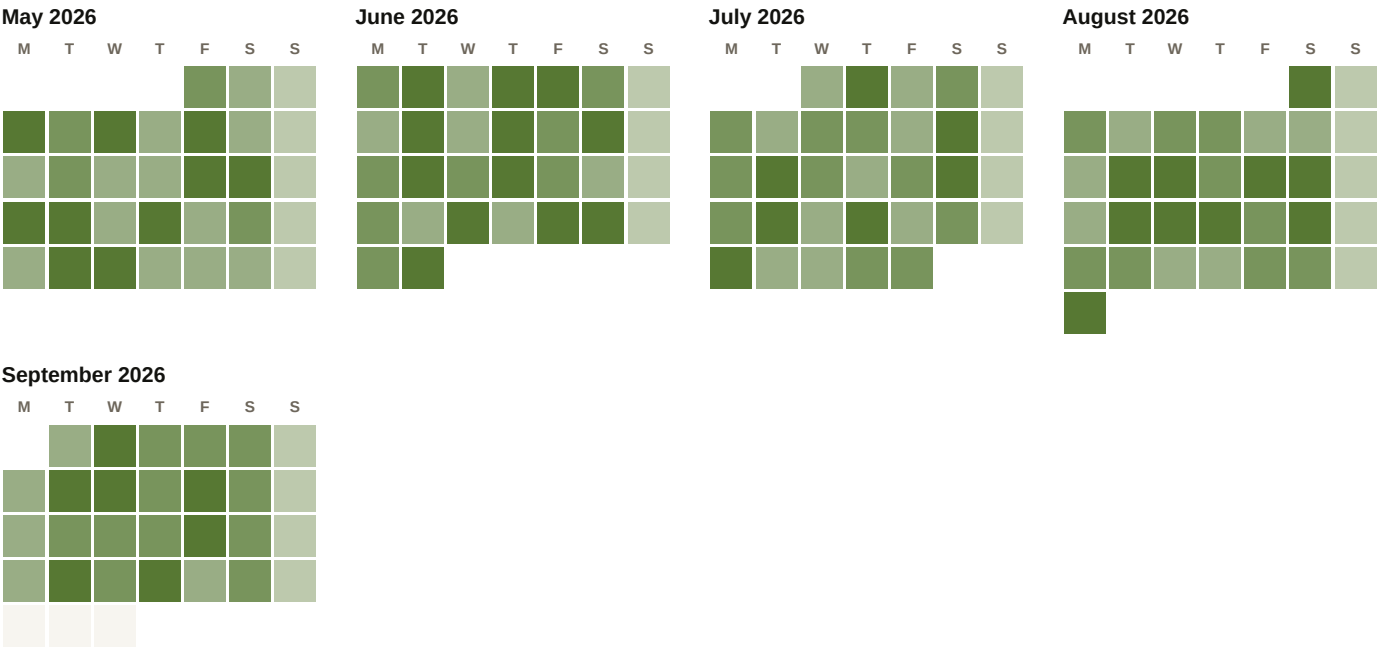
AVERAGE EXPOSURE



## Installation calendar

One cell per day: the darker the cell, the more installations that day.

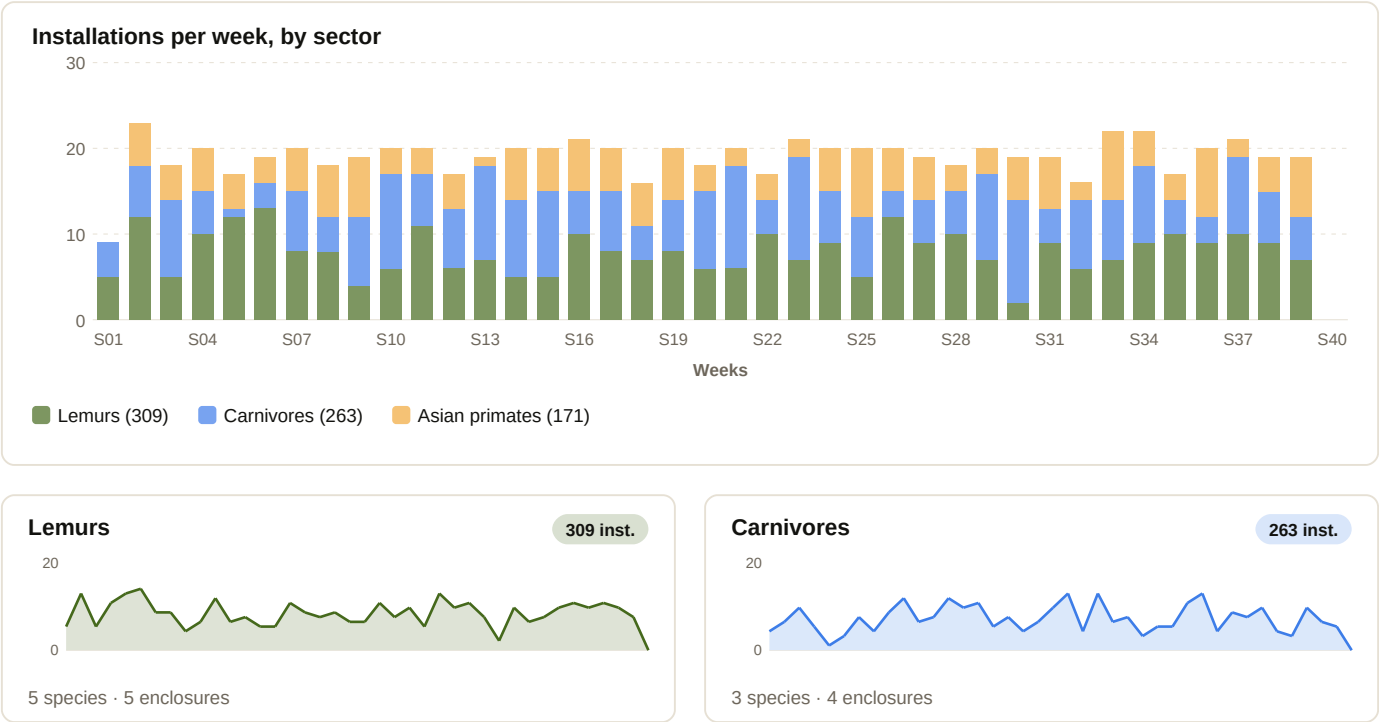


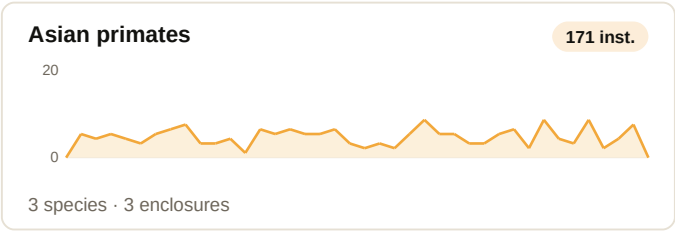


1 2 3 4 installations per day

2.3 — Installations by sector

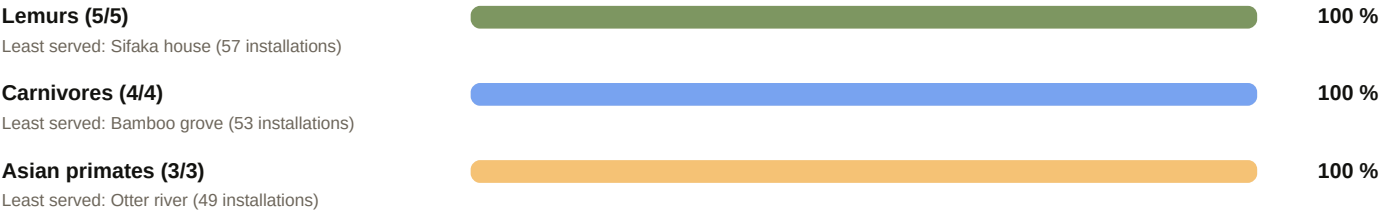
Distribution effort split by sector — highlights possible imbalances between sectors.





2.4 — Enclosures that received enrichment, by sector

Share of the sector's enclosures that received at least one installation, and the enclosure that received the fewest.

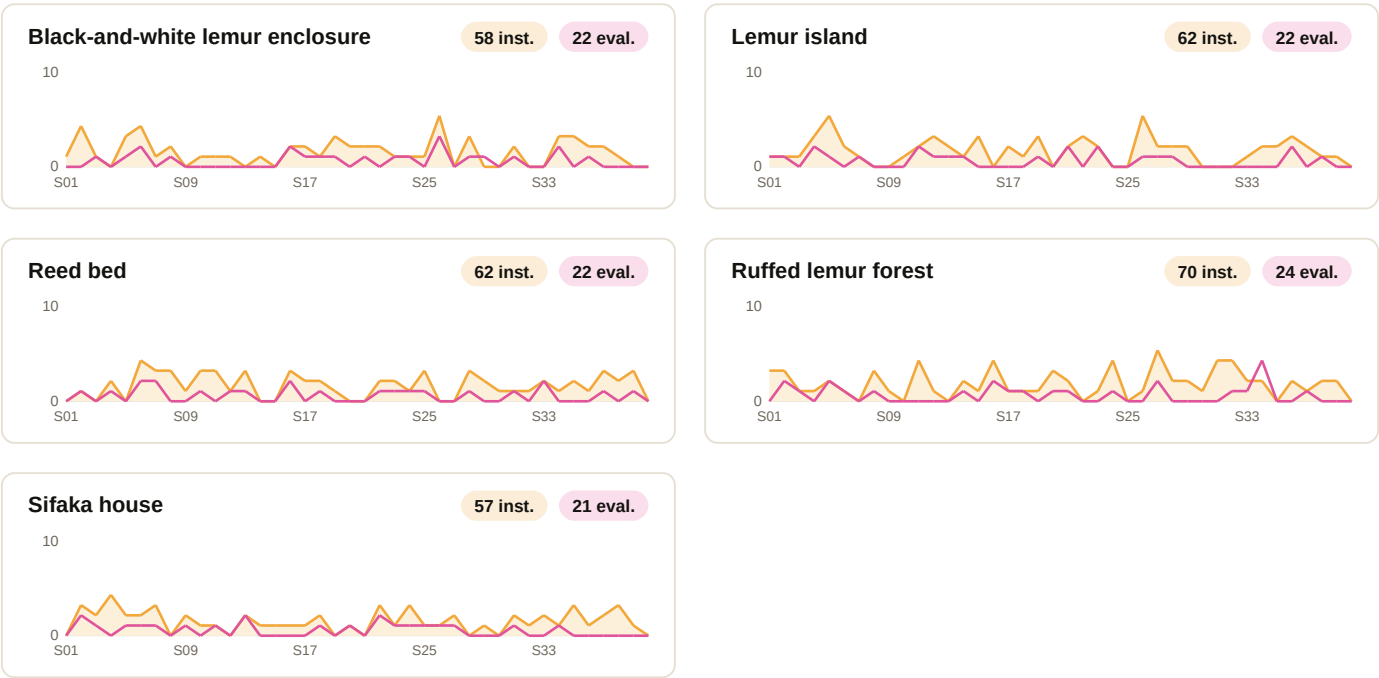


Longest period without a new installation in an enclosure that received enrichment: 32 day(s).

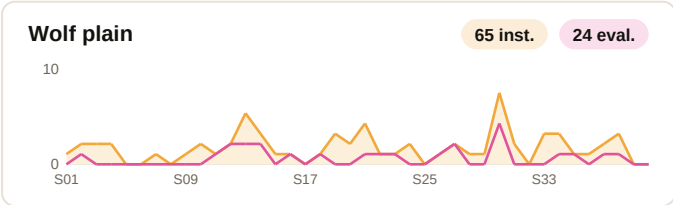
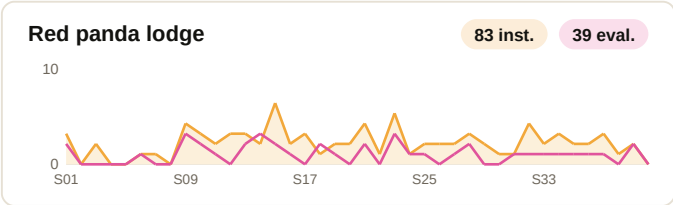
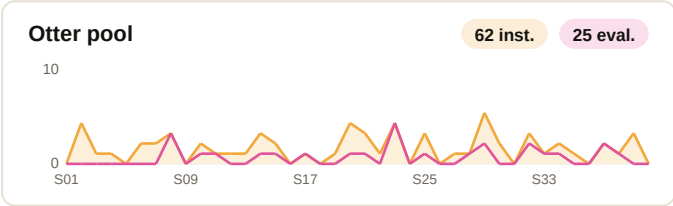
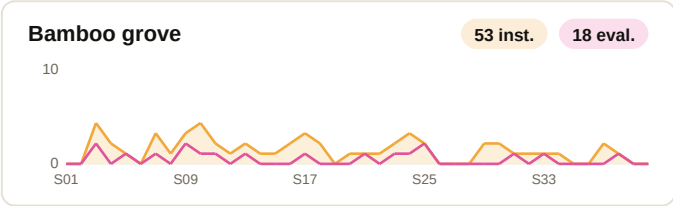
2.5 — Detail by enclosure

Installations (area) and evaluations (line) per week for each enclosure that received enrichment — the record of daily follow-up. All charts share the same scale.

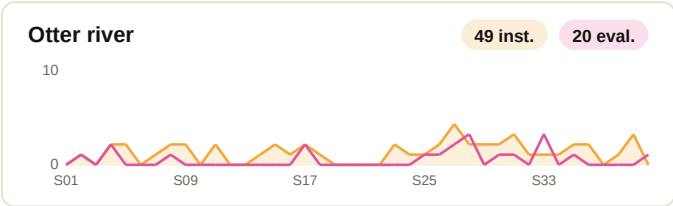
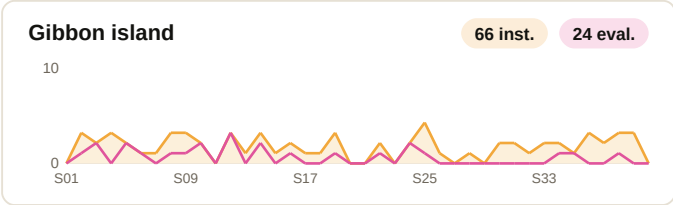
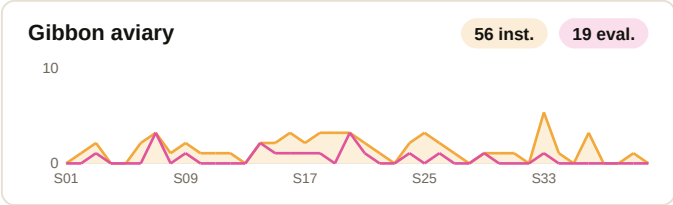
Lemurs



Carnivores

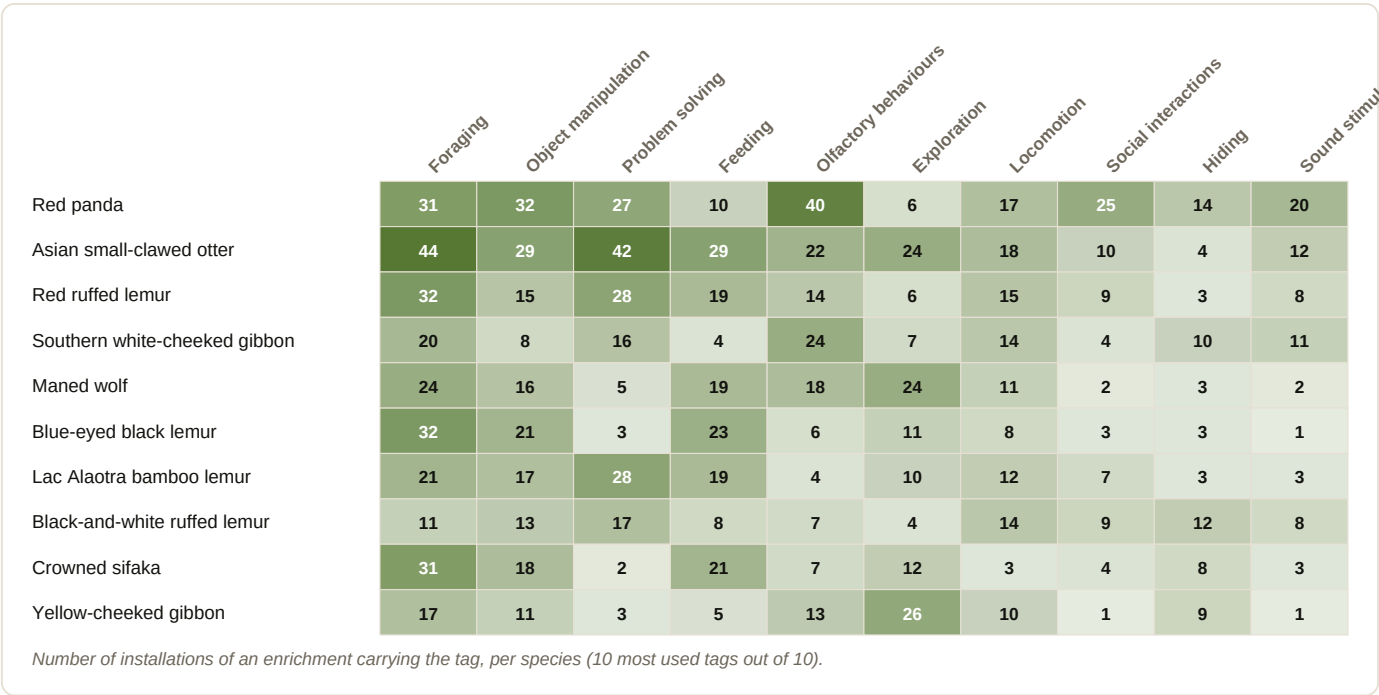


Asian primates



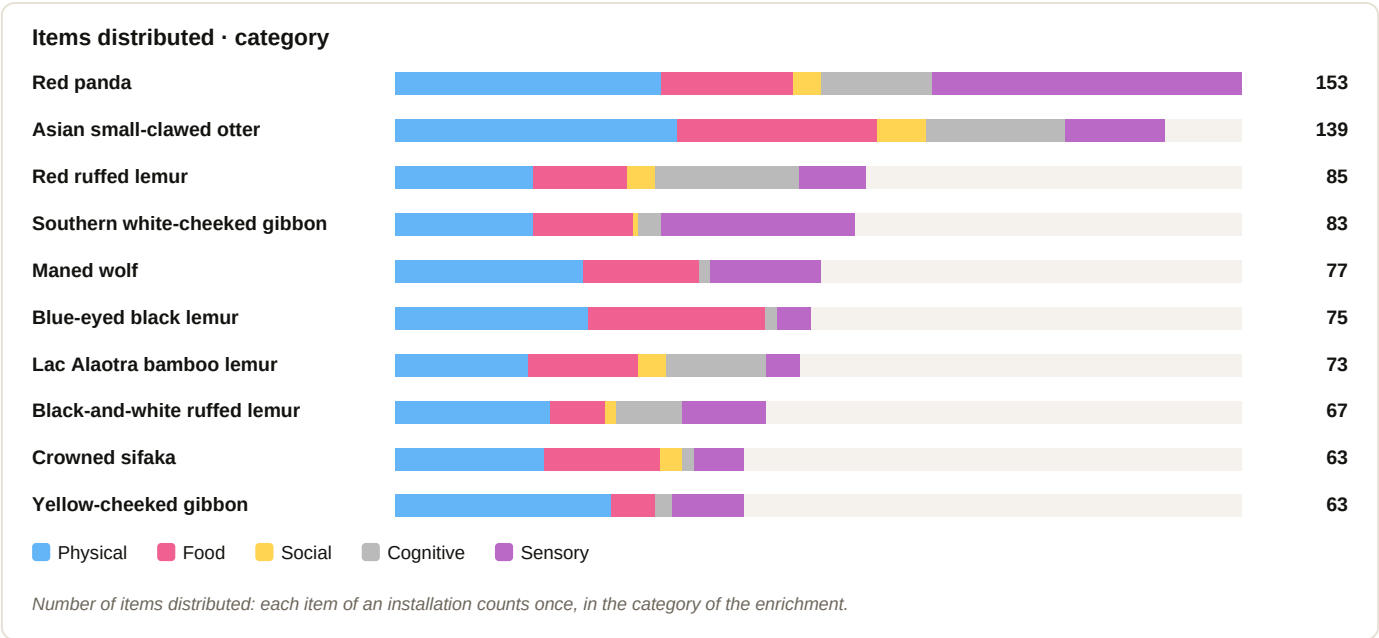
2.6 — Behaviours targeted by species (tags)

Which behaviours the enrichments offered to each species aim to stimulate: the darker the cell, the more installations carried this tag.



2.7 — Comparative view by species

Items distributed per species (bar length) and their split by category (colours), on a common scale.



## 2.8 — Most and least distributed enrichments

Enrichments installed most and least often over the period, with their category and tags (what they are meant to stimulate).

### Most distributed

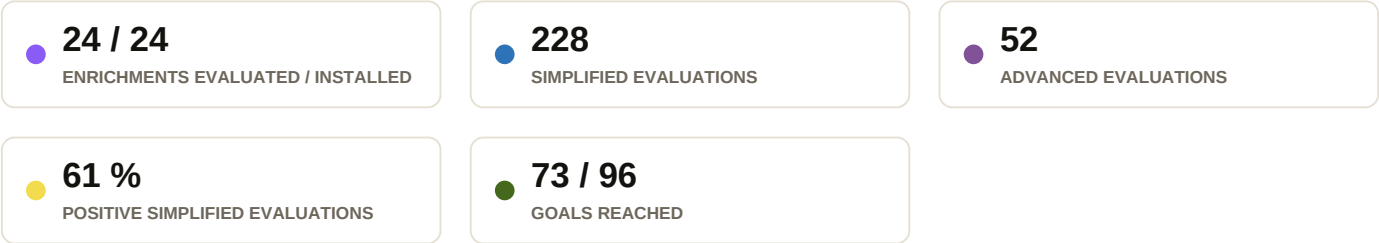
| # | Enrichment          | Installations | Enclosures | Species | Category | Tags                                      |
|---|---------------------|---------------|------------|---------|----------|-------------------------------------------|
| 1 | Canvas hammock      | 47            | 12         | 10      | Physical | Locomotion · Hiding                       |
| 2 | Willow branches     | 45            | 9          | 7       | Physical | Locomotion · Feeding                      |
| 3 | Floating buoy       | 45            | 11         | 9       | Physical | Object manipulation · Social interactions |
| 4 | Feathers and scents | 44            | 9          | 8       | Sensory  | Olfactory behaviours                      |
| 5 | Bamboo wind chime   | 43            | 10         | 9       | Sensory  | Sound stimulation                         |

### Least distributed

| # | Enrichment   | Installations | Category | Tags                                    |
|---|--------------|---------------|----------|-----------------------------------------|
| 1 | Bark hideout | 22            | Physical | Hiding · Exploration                    |
| 2 | Forage net   | 25            | Food     | Foraging                                |
| 3 | Gibbon piano | 26            | Sensory  | Sound stimulation · Object manipulation |
| 4 | Surprise box | 29            | Physical | Exploration · Problem solving           |
| 5 | Knotted rope | 30            | Physical | Locomotion                              |

### Evaluating enrichment success

Over the period, 228 simplified evaluations and 52 advanced evaluations were recorded, on 24 different enrichments.



#### 3.1 — Simplified evaluations by species

Share of positive, neutral and negative judgements per species. N = number of simplified evaluations.

| Species                       | N  | % positive | % neutral | % negative |
|-------------------------------|----|------------|-----------|------------|
| Red panda                     | 48 | 65 %       | 21 %      | 15 %       |
| Asian small-clawed otter      | 37 | 62 %       | 22 %      | 16 %       |
| Maned wolf                    | 18 | 72 %       | 22 %      | 6 %        |
| Red ruffed lemur              | 19 | 58 %       | 26 %      | 16 %       |
| Southern white-cheeked gibbon | 21 | 52 %       | 24 %      | 24 %       |
| Blue-eyed black lemur         | 17 | 59 %       | 29 %      | 12 %       |
| Lac Alaotra bamboo lemur      | 18 | 83 %       | 6 %       | 11 %       |
| Black-and-white ruffed lemur  | 19 | 42 %       | 26 %      | 32 %       |
| Crowned sifaka                | 15 | 47 %       | 47 %      | 7 %        |
| Yellow-cheeked gibbon         | 16 | 63 %       | 31 %      | 6 %        |

Values in grey: fewer than 10 evaluations, rate shown as an indication only.

#### 3.2 — Advanced evaluations by species

In an advanced evaluation, the keeper checks each behavioural goal expected from the enrichment. « Goals reached » = goals observed out of goals expected over all the species' advanced evaluations; the rate is their share. Number of individuals followed alongside.

| Species                       | N | Goals reached | % reached    | Animals followed |
|-------------------------------|---|---------------|--------------|------------------|
| Red panda                     | 9 | 11 / 16       | 69 % (n = 9) | 5                |
| Asian small-clawed otter      | 8 | 14 / 16       | 88 % (n = 8) | 4                |
| Maned wolf                    | 6 | 9 / 11        | 82 % (n = 6) | 2                |
| Red ruffed lemur              | 5 | 7 / 9         | 78 % (n = 5) | 2                |
| Southern white-cheeked gibbon | 3 | 3 / 5         | 60 % (n = 3) | 2                |

| Species                      | N | Goals reached | % reached    | Animals followed |
|------------------------------|---|---------------|--------------|------------------|
| Blue-eyed black lemur        | 5 | 8 / 11        | 73 % (n = 5) | 3                |
| Lac Alaotra bamboo lemur     | 4 | 7 / 9         | 78 % (n = 4) | 3                |
| Black-and-white ruffed lemur | 3 | 3 / 6         | 50 % (n = 3) | 3                |
| Crowned sifaka               | 6 | 9 / 10        | 90 % (n = 6) | 3                |
| Yellow-cheeked gibbon        | 3 | 2 / 3         | 67 % (n = 3) | 3                |

### 3.3 — Enrichments with the highest and lowest success, by species

Enrichments evaluated at least 3 times for the species; the rate is the share of positive results (n = number of classified evaluations).

| Species                       | Highest success                                                       | Lowest success                                                   |
|-------------------------------|-----------------------------------------------------------------------|------------------------------------------------------------------|
| Red panda                     | Feathers and scents — 100 % (n = 6)<br>Floating buoy — 78 % (n = 9)   | Bamboo wind chime — 29 % (n = 7)<br>Stuffed Kong — 50 % (n = 4)  |
| Asian small-clawed otter      | Fruit ice blocks — 100 % (n = 5)<br>Puzzle feeder — 88 % (n = 8)      | Surprise box — 40 % (n = 5)<br>Stuffed pine cones — 40 % (n = 5) |
| Maned wolf                    | Scented straw — 100 % (n = 7)<br>Fruit ice blocks — 100 % (n = 3)     | Unbreakable mirror — 33 % (n = 3)                                |
| Red ruffed lemur              | Snuffle mat — 100 % (n = 3)<br>Puzzle feeder — 75 % (n = 4)           | Drilled PVC tube — 17 % (n = 6)<br>Gibbon piano — 60 % (n = 5)   |
| Southern white-cheeked gibbon | Spice bag — 43 % (n = 7)<br>Bamboo wind chime — 40 % (n = 5)          | Canvas hammock — 25 % (n = 4)                                    |
| Blue-eyed black lemur         | Hay ball — 80 % (n = 5)<br>Unbreakable mirror — 75 % (n = 4)          | Fruit ice blocks — 33 % (n = 3)<br>Egg carton — 50 % (n = 4)     |
| Lac Alaotra bamboo lemur      | Willow branches — 100 % (n = 5)<br>Stuffed pine cones — 100 % (n = 4) | Puzzle feeder — 50 % (n = 4)<br>Surprise box — 100 % (n = 3)     |
| Black-and-white ruffed lemur  | Treat maze — 50 % (n = 4)<br>Floating buoy — 50 % (n = 4)             | Bamboo wind chime — 0 % (n = 3)<br>Canvas hammock — 25 % (n = 4) |
| Crowned sifaka                | Fruit ice blocks — 80 % (n = 5)<br>Hay ball — 75 % (n = 4)            | Egg carton — 33 % (n = 3)                                        |
| Yellow-cheeked gibbon         | Scented straw — 60 % (n = 5)<br>Unbreakable mirror — 60 % (n = 5)     | Bark hideout — 0 % (n = 4)                                       |

### 3.4 — Enrichments ranked by success

Every enrichment evaluated at least 3 times over the period, all species together, from the highest to the lowest success rate.

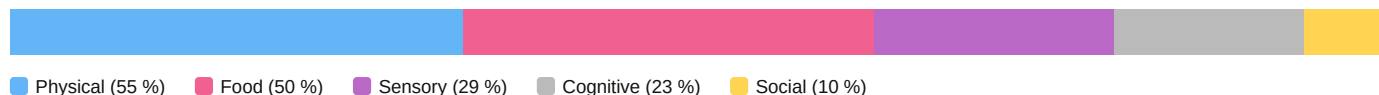
| # | Enrichment          | Category | Tags                                      | N  | Success |
|---|---------------------|----------|-------------------------------------------|----|---------|
| 1 | Feathers and scents | Sensory  | Olfactory behaviours                      | 17 | 94 %    |
| 2 | Willow branches     | Physical | Locomotion · Feeding                      | 15 | 87 %    |
| 3 | Floating buoy       | Physical | Object manipulation · Social interactions | 20 | 80 %    |
| 4 | Fruit ice blocks    | Food     | Feeding                                   | 20 | 80 %    |

| #  | Enrichment         | Category  | Tags                                    | N  | Success      |
|----|--------------------|-----------|-----------------------------------------|----|--------------|
| 5  | Hay ball           | Food      | Foraging · Feeding                      | 15 | 80 %         |
| 6  | Scented straw      | Sensory   | Olfactory behaviours · Exploration      | 18 | 78 %         |
| 7  | Puzzle feeder      | Cognitive | Problem solving                         | 17 | 76 %         |
| 8  | Snuffle mat        | Food      | Foraging · Olfactory behaviours         | 13 | 69 %         |
| 9  | Unbreakable mirror | Physical  | Exploration                             | 15 | 67 %         |
| 10 | Filled flower pot  | Food      | Foraging · Problem solving              | 9  | 67 % (n = 9) |
| 11 | Knotted rope       | Physical  | Locomotion                              | 9  | 67 % (n = 9) |
| 12 | Treat maze         | Cognitive | Problem solving                         | 20 | 65 %         |
| 13 | Gibbon piano       | Sensory   | Sound stimulation · Object manipulation | 11 | 64 %         |
| 14 | Spice bag          | Sensory   | Olfactory behaviours                    | 16 | 63 %         |
| 15 | Stuffed pine cones | Food      | Foraging · Object manipulation          | 13 | 54 %         |
| 16 | Surprise box       | Physical  | Exploration · Problem solving           | 13 | 54 %         |
| 17 | Egg carton         | Physical  | Object manipulation · Foraging          | 14 | 50 %         |
| 18 | Shared feeder      | Social    | Social interactions · Feeding           | 10 | 50 %         |
| 19 | Forage net         | Food      | Foraging                                | 4  | 50 % (n = 4) |
| 20 | Drilled PVC tube   | Cognitive | Problem solving · Foraging              | 12 | 42 %         |
| 21 | Stuffed Kong       | Physical  | Object manipulation · Foraging          | 10 | 40 %         |
| 22 | Bark hideout       | Physical  | Hiding · Exploration                    | 10 | 30 %         |
| 23 | Bamboo wind chime  | Sensory   | Sound stimulation                       | 18 | 28 %         |
| 24 | Canvas hammock     | Physical  | Locomotion · Hiding                     | 15 | 20 %         |

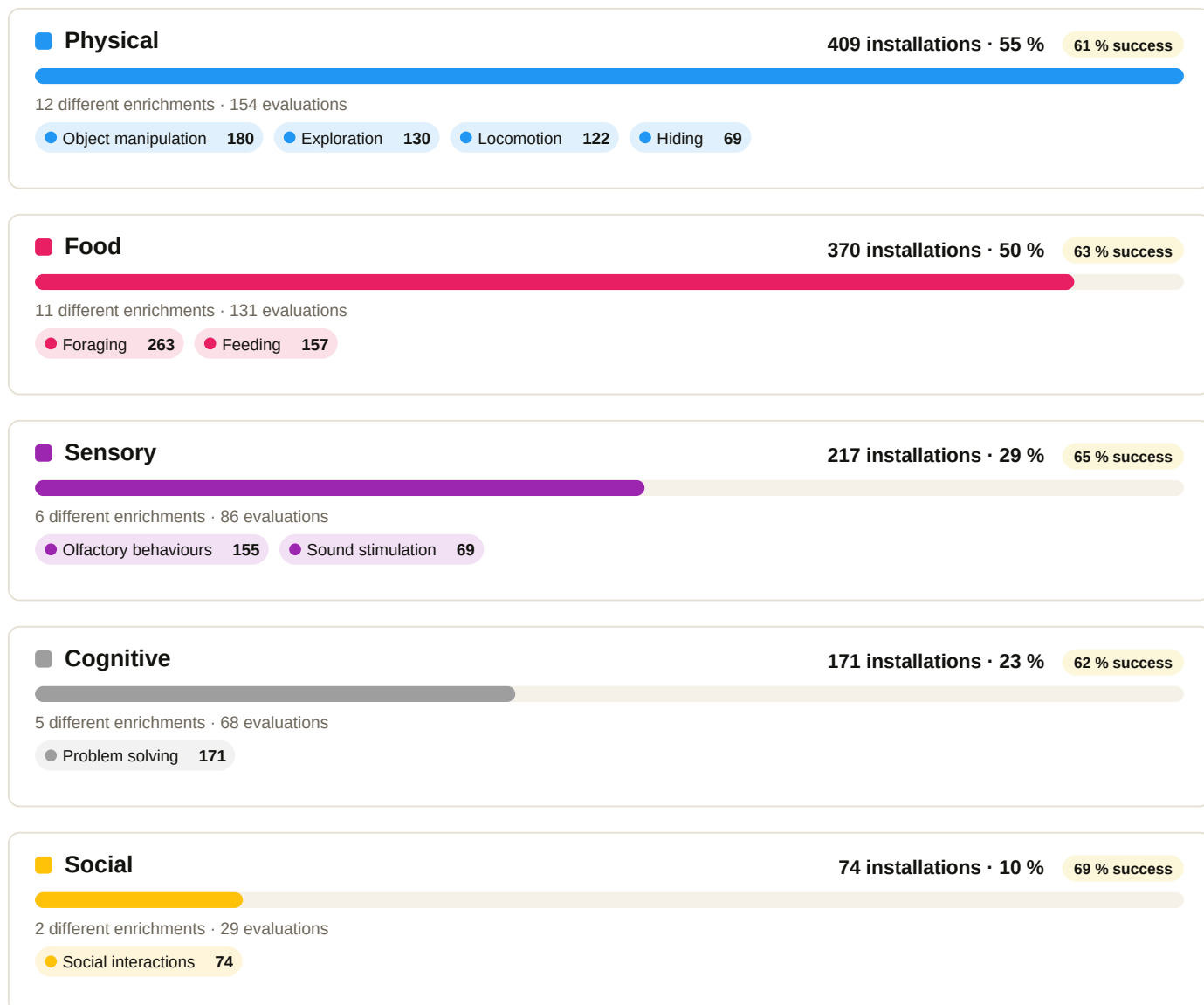
Values in grey: fewer than 10 evaluations, rate shown as an indication only.

## 4 Range of enrichment categories

Installations grouped by the category of the enrichments used (physical, feeding, sensory, cognitive, social...); the tags feeding each category are detailed below with their number of installations.



Success of a category: share of positive results among the classified evaluations (simplified and advanced) of the installations containing at least one enrichment of that category.



## 5 Catalogue renewal and investment

As a documented indicator, this section lists the enrichments added to the catalogue during the period: a direct reflection of the renewal of items and of the investment made.

7

NEW IN CATALOGUE

### New in the catalogue

| Enrichment        | Category  | Tags                           | Added on   | First installation |
|-------------------|-----------|--------------------------------|------------|--------------------|
| Stuffed Kong      | Physical  | Object manipulation · Foraging | 13/01/2026 | 07/01/2026         |
| Filled flower pot | Food      | Foraging · Problem solving     | 13/02/2026 | 06/01/2026         |
| Surprise box      | Physical  | Exploration · Problem solving  | 16/03/2026 | 16/01/2026         |
| Hay ball          | Food      | Foraging · Feeding             | 16/04/2026 | 10/01/2026         |
| Forage net        | Food      | Foraging                       | 17/05/2026 | 24/01/2026         |
| Drilled PVC tube  | Cognitive | Problem solving · Foraging     | 17/06/2026 | 03/01/2026         |
| Fruit ice blocks  | Food      | Feeding                        | 18/07/2026 | 01/01/2026         |

This indicator is not the enrichment budget itself: it documents the renewal of the stock of items, which requires dedicated resources.

### Programme cost

| Category            | Description                               | Quantity | Unit price excl. VAT | Total     |
|---------------------|-------------------------------------------|----------|----------------------|-----------|
| Staff time          | Preparation and installation (45 min/day) | 200      | €22.00               | €4,400.00 |
| Enrichment purchase | Kongs, balls, ropes (batch)               | 2        | €120.00              | €288.00   |
| Material purchase   | Hanging feeders                           | 6        | €32.00               | €230.40   |

|                 |                 |                     |
|-----------------|-----------------|---------------------|
| TOTAL EXCL. VAT | TOTAL INCL. VAT | OF WHICH STAFF TIME |
| €4,832.00       | €4,918.40       | €4,400.00           |

## 6 Change compared with the previous period

Change in practices compared with the period of the same length immediately before (05/04/2025 – 01/01/2026). The rest of the report only covers the period analysed.

| Indicator             | Period analysed | Previous period | Change       |
|-----------------------|-----------------|-----------------|--------------|
| Installations         | 743             | 480             | +263 (+55 %) |
| Different enrichments | 24              | 24              | 0 (0 %)      |
| Evaluations           | 280             | 143             | +137 (+96 %) |
| New in catalogue      | 7               | 0               | +7           |
| Success rate          | 63 %            | 60 %            | +3 pts       |

## A Enrichments used over the period

Each enrichment used at least once over the period, in alphabetical order, with its category, its tags, its installations and its evaluation results.

| Enrichment          | Category  | Tags                                      | Installations | Evaluations | Success      |
|---------------------|-----------|-------------------------------------------|---------------|-------------|--------------|
| Bamboo wind chime   | Sensory   | Sound stimulation                         | 43            | 18          | 28 %         |
| Bark hideout        | Physical  | Hiding · Exploration                      | 22            | 10          | 30 %         |
| Canvas hammock      | Physical  | Locomotion · Hiding                       | 47            | 15          | 20 %         |
| Drilled PVC tube    | Cognitive | Problem solving · Foraging                | 37            | 12          | 42 %         |
| Egg carton          | Physical  | Object manipulation · Foraging            | 37            | 14          | 50 %         |
| Feathers and scents | Sensory   | Olfactory behaviours                      | 44            | 17          | 94 %         |
| Filled flower pot   | Food      | Foraging · Problem solving                | 31            | 9           | 67 % (n = 9) |
| Floating buoy       | Physical  | Object manipulation · Social interactions | 45            | 20          | 80 %         |
| Forage net          | Food      | Foraging                                  | 25            | 4           | 50 % (n = 4) |
| Fruit ice blocks    | Food      | Feeding                                   | 42            | 20          | 80 %         |
| Gibbon piano        | Sensory   | Sound stimulation · Object manipulation   | 26            | 11          | 64 %         |
| Hay ball            | Food      | Foraging · Feeding                        | 40            | 15          | 80 %         |
| Knotted rope        | Physical  | Locomotion                                | 30            | 9           | 67 % (n = 9) |
| Puzzle feeder       | Cognitive | Problem solving                           | 38            | 17          | 76 %         |
| Scented straw       | Sensory   | Olfactory behaviours · Exploration        | 42            | 18          | 78 %         |
| Shared feeder       | Social    | Social interactions · Feeding             | 31            | 10          | 50 %         |
| Snuffle mat         | Food      | Foraging · Olfactory behaviours           | 35            | 13          | 69 %         |
| Spice bag           | Sensory   | Olfactory behaviours                      | 35            | 16          | 63 %         |
| Stuffed Kong        | Physical  | Object manipulation · Foraging            | 41            | 10          | 40 %         |
| Stuffed pine cones  | Food      | Foraging · Object manipulation            | 34            | 13          | 54 %         |
| Surprise box        | Physical  | Exploration · Problem solving             | 29            | 13          | 54 %         |
| Treat maze          | Cognitive | Problem solving                           | 39            | 20          | 65 %         |
| Unbreakable mirror  | Physical  | Exploration                               | 40            | 15          | 67 %         |
| Willow branches     | Physical  | Locomotion · Feeding                      | 45            | 15          | 87 %         |

## B Keepers' notes and comments

The 40 most recent comments entered with the evaluations of the period.

| Date       | Species                      | Enrichment · enclosure                                 | Result   | Comment                                             |
|------------|------------------------------|--------------------------------------------------------|----------|-----------------------------------------------------|
| 28/09/2026 | Asian small-clawed otter     | Shared feeder<br>Otter river                           | Positive | Contents extracted very quickly: make it harder.    |
| 26/09/2026 | Lac Alaotra bamboo lemur     | Willow branches<br>Reed bed                            | Positive | Contents extracted very quickly: make it harder.    |
| 23/09/2026 | Red panda                    | Willow branches<br>Red panda lodge                     | Positive | The young male monopolises the item.                |
| 23/09/2026 | Red panda                    | Willow branches<br>Red panda lodge                     | Positive | Used mostly in the morning, again in the afternoon. |
| 20/09/2026 | Red panda                    | Filled flower pot<br>Bamboo grove                      | Positive | Active search for more than 15 minutes.             |
| 15/09/2026 | Asian small-clawed otter     | Snuffle mat + Willow branches<br>Otter pool            | Neutral  | The young male monopolises the item.                |
| 13/09/2026 | Asian small-clawed otter     | Willow branches<br>Otter pool                          | Positive | The whole group joined in, lots of interactions.    |
| 12/09/2026 | Red ruffed lemur             | Snuffle mat<br>Ruffed lemur forest                     | Positive | Little interest, abandoned after a few minutes.     |
| 12/09/2026 | Maned wolf                   | Unbreakable mirror<br>Wolf plain                       | Negative | Little interest, abandoned after a few minutes.     |
| 11/09/2026 | Lac Alaotra bamboo lemur     | Surprise box<br>Reed bed                               | Positive | Active search for more than 15 minutes.             |
| 05/09/2026 | Black-and-white ruffed lemur | Treat maze<br>Black-and-white lemur enclosure          | Negative | Little interest, abandoned after a few minutes.     |
| 03/09/2026 | Blue-eyed black lemur        | Stuffed Kong<br>Lemur island                           | Neutral  | The whole group joined in, lots of interactions.    |
| 27/08/2026 | Maned wolf                   | Scented straw<br>Wolf plain                            | Positive | Active search for more than 15 minutes.             |
| 26/08/2026 | Asian small-clawed otter     | Puzzle feeder<br>Otter river                           | Neutral  | The young male monopolises the item.                |
| 20/08/2026 | Crowned sifaka               | Forage net<br>Sifaka house                             | Negative | Contents extracted very quickly: make it harder.    |
| 15/08/2026 | Lac Alaotra bamboo lemur     | Shared feeder + Feathers and scents<br>Reed bed        | Positive | Active search for more than 15 minutes.             |
| 14/08/2026 | Red ruffed lemur             | Snuffle mat<br>Ruffed lemur forest                     | Positive | Active search for more than 15 minutes.             |
| 10/08/2026 | Asian small-clawed otter     | Fruit ice blocks<br>Otter river                        | Positive | Contents extracted very quickly: make it harder.    |
| 10/08/2026 | Asian small-clawed otter     | Fruit ice blocks<br>Otter river                        | Positive | The whole group joined in, lots of interactions.    |
| 09/08/2026 | Red ruffed lemur             | Drilled PVC tube + Surprise box<br>Ruffed lemur forest | Negative | Little interest, abandoned after a few minutes.     |

| Date       | Species                      | Enrichment · enclosure                               | Result   | Comment                                             |
|------------|------------------------------|------------------------------------------------------|----------|-----------------------------------------------------|
| 04/08/2026 | Asian small-clawed otter     | Egg carton<br>Otter pool                             | Positive | Used mostly in the morning, again in the afternoon. |
| 31/07/2026 | Lac Alaotra bamboo lemur     | Stuffed pine cones<br>Reed bed                       | Positive | Used mostly in the morning, again in the afternoon. |
| 27/07/2026 | Red panda                    | Bamboo wind chime + Scented straw<br>Red panda lodge | Neutral  | Active search for more than 15 minutes.             |
| 25/07/2026 | Asian small-clawed otter     | Knotted rope<br>Otter river                          | Positive | Used mostly in the morning, again in the afternoon. |
| 21/07/2026 | Maned wolf                   | Scented straw<br>Wolf plain                          | Positive | The whole group joined in, lots of interactions.    |
| 15/07/2026 | Yellow-cheeked gibbon        | Egg carton<br>Gibbon aviary                          | Positive | Used mostly in the morning, again in the afternoon. |
| 14/07/2026 | Asian small-clawed otter     | Puzzle feeder + Fruit ice blocks<br>Otter pool       | Positive | The young male monopolises the item.                |
| 14/07/2026 | Asian small-clawed otter     | Puzzle feeder + Fruit ice blocks<br>Otter pool       | Positive | Active search for more than 15 minutes.             |
| 13/07/2026 | Black-and-white ruffed lemur | Knotted rope<br>Black-and-white lemur enclosure      | Neutral  | Contents extracted very quickly: make it harder.    |
| 10/07/2026 | Asian small-clawed otter     | Stuffed pine cones<br>Otter river                    | Neutral  | Used mostly in the morning, again in the afternoon. |
| 09/07/2026 | Asian small-clawed otter     | Stuffed pine cones<br>Otter river                    | Positive | Used mostly in the morning, again in the afternoon. |
| 08/07/2026 | Red panda                    | Bamboo wind chime<br>Red panda lodge                 | Neutral  | Contents extracted very quickly: make it harder.    |
| 07/07/2026 | Red panda                    | Canvas hammock<br>Red panda lodge                    | Negative | Little interest, abandoned after a few minutes.     |
| 05/07/2026 | Crowned sifaka               | Shared feeder<br>Sifaka house                        | Positive | Active search for more than 15 minutes.             |
| 04/07/2026 | Maned wolf                   | Fruit ice blocks + Floating buoy<br>Wolf plain       | Positive | The whole group joined in, lots of interactions.    |
| 03/07/2026 | Red ruffed lemur             | Snuffle mat<br>Ruffed lemur forest                   | Positive | Active search for more than 15 minutes.             |
| 02/07/2026 | Asian small-clawed otter     | Stuffed pine cones + Scented straw<br>Otter river    | Positive | Little interest, abandoned after a few minutes.     |
| 01/07/2026 | Maned wolf                   | Unbreakable mirror<br>Wolf plain                     | Positive | The whole group joined in, lots of interactions.    |
| 30/06/2026 | Blue-eyed black lemur        | Unbreakable mirror<br>Lemur island                   | Positive | Active search for more than 15 minutes.             |
| 27/06/2026 | Blue-eyed black lemur        | Hay ball<br>Lemur island                             | Positive | Active search for more than 15 minutes.             |