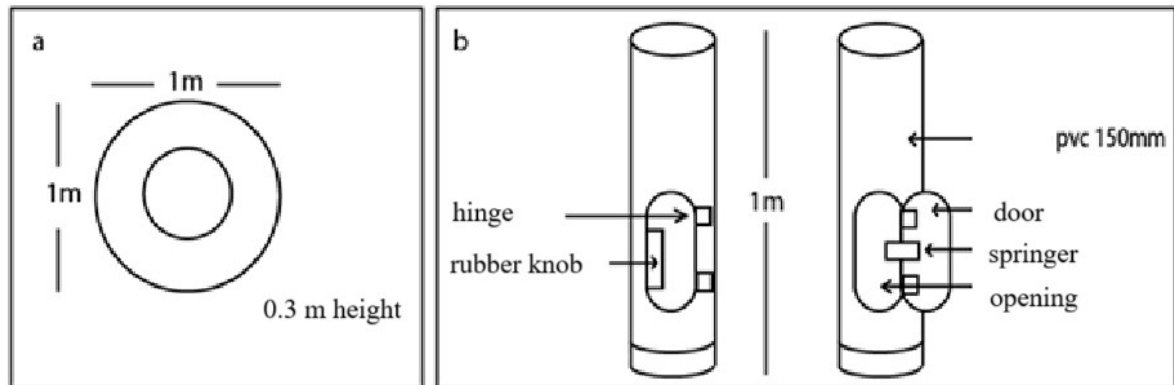


Supplementary material



Supplementary Figure S1 - The conventional-feeders (a) were constructed from longitudinally split tires, while the challenge-feeders (b) were built using 1.0-meter-long PVC tubes (150 mm in diameter) and equipped with sprung doors measuring 0.30 meters in height by 0.15 meters in width.



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9 Supplementary Figure S2 – White-lipped peccaries using a challenge-feeder during the pre-release training and
10 individual behavioral variation assessment (PT) phase.

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14 Supplementary Figure S3 – White-lipped peccaries foraging within the designated pre-release enclosure during
15 the soft-release (SR) phase.

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20 Supplementary Figure S4 – White-lipped peccary captured by a camera trap during the post-release (PR) phase.

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Supplementary Table S1 - Amount of food offered daily (kg/animal*day) according to the phase of the study:
behavioral distinctiveness assessment and pre-release training and individual behavioral differences assessment
phase (PT); soft-release phase (SR); and post-release phase (PR).

Phase*	Interval	Basal diet (kg/animal*day)	Fruits (kg/animal*day)
PT	Aug 1st/22 to Nov 30th/22	1.40	-
SR	Dec 8th/23 to Jan10th/23	1.22	0.7
PR	Jan10th/23 to Feb10th/23	1.05	0.52
	Feb10th/23 to Mar10th/23	0.87	0.52
	Mar 10th/23 to Apr10th/23	0.70	0.35
	Apr10th/23 to May 10th/23	0.52	0.35
	May10th/23 to Jun10th/23	0.35	0.17
	Jun10th/23 to Apr10th/23	0.17	0.17
	July10th/23 here in after	-	-

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Supplementary Table S2 - Breeding, birth and death records of animals reintroduced during POSR.

Event	Registration date	Number of days after release
Mount	Jan 15 th , 2023	5
Birth 1	Mar 14 th , 2023	63
Birth 2	Sept 3 th , 2023	236
Death	Sept 28 th , 2023	258

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Supplementary Table S3 - The order of approaching radio receivers according to the month.

Reading station	Date of reading	1st registered animal	2nd animal registered	3rd animal registered	4th animal registered	5th animal registered	6th animal registered
m1a	10/02/23	Naruto	Seta	Branca	Branco	Losango	Raio
m1b	10/02/23	Branca	Naruto	Seta	Branco	Losango	Raio
m1c	10/02/23	Naruto	Seta	Branca	Branco	Raio	Losango
m2a	10/03/23	Naruto	Seta	Branca	Branco	Losango	Raio
m2b	10/03/23	Branca	Seta	Naruto	Branco	Losango	Raio
m2c	10/03/23	Naruto	Branca	Seta	Raio	Branco	Losango
m2d	10/03/23	Naruto	Branca	Seta	Branco	Raio	Losango
m2e	10/03/23	Seta	Branca	Naruto	Branco	Losango	Raio
m2f	10/03/23	Naruto	Seta	Branca	Branco	Raio	Losango
m3a	10/04/23	Naruto	Branca	Seta	Branco	Losango	Raio
m3b	10/04/23	Naruto	Seta	Branca	Branco	Raio	Losango
m3c	10/04/23	Branca	Seta	Naruto	Raio	Branco	Losango
m3d	10/04/23	Seta	Naruto	Branca	Raio	-	-
m3e	10/04/23	Naruto	Branca	Seta	Branco	-	-
m3f	10/04/23	Branca	Naruto	Seta	Raio	Losango	-
m3g	10/04/23	Naruto	Branco	Branca	Seta	Losango	-
m3h	10/04/23	Seta	Branca	Naruto	Branco	Raio	Losango
m3i	10/04/23	Naruto	Seta	Branca	Branco	Losango	Raio
m4a	10/05/23	Raio	Naruto	Branca	Seta	Branco	Losango
m4b	10/05/23	Naruto	Seta	Branca	Branco	Raio	Losango
m4c	10/05/23	Branca	Seta	Naruto	Raio	-	-
m4d	10/05/23	Seta	Branco	Naruto	Branca	-	-
m4e	10/05/23	Naruto	Branca	Branco	Seta	-	-

m4f	10/05/23	Raio	Seta	Naruto	Branca	Branco	-
m4g	10/05/23	Naruto	Losango	Branca	Seta	Branco	Raio
m4h	10/05/23	Branco	Naruto	Branca	Seta	Losango	Raio
m4i	10/05/23	Branca	Naruto	Seta	Losango	Branco	Raio
m4j	10/05/23	Naruto	Branca	Seta	Branco	Raio	Losango
m4k	10/05/23	Naruto	Seta	Branca	Losango	Branco	Raio

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40 Supplementary Table S4 - Fruit, root, and water consumption records available in release area.

Scientific name	Common name	Consumed part	Date of 1st record
Fruits			
<i>Carpotroche brasiliensis</i>	Sapucainha	Fruit	Mar 2 nd , 2023
<i>Eschweilera ovata</i>	Biriba	Fruit	Apr 20 th , 2023
<i>Artocarpus heterophyllus</i>	Jaca	Fruit	Jul 4 th , 2023
<i>Theobroma grandiflorum</i>	Cupuaçu	Fruit	Sep 22 nd , 2023
Roots			
<i>Angiospermae (1)</i>	--	Root	Apr 20 th , 2023
<i>Angiospermae (2)</i>	--	Root	Sep 11 th , 2023
<i>Angiospermae (3)</i>	--	Root	Dec 1 st , 2023
Water – source type	Coordinates		
Pole 1	16°23'11"S; 39°10'28"W		Jan 11 th , 2023
Pole 2	16°23'11"S; 39°10'30"W		Feb 6 th , 2023
Pole 3	16°23'11"S; 39°10'30"W		Apr 5 th , 2023
Intermittent stream	16°23'06"S; 39°10'51"W		Apr 5 th , 2023
Tributary of the Camuruji stream	16°23'13"S; 39°10'22"W		Jun 5 th , 2023
River source	16°23'14"S; 39°10'23"W		Jun 5 th , 2023
Camuruji stream affluent	16°22'32"S; 39°11'05"W		Oct 5 th , 2023

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