

A supplementary letter on the identity of the species of the dog, wolf, and jackal / from John Hunter, addressed to Sir Joseph Banks.

Contributors

Hunter, John, 1728-1793.

Banks, Joseph, 1743-1820.

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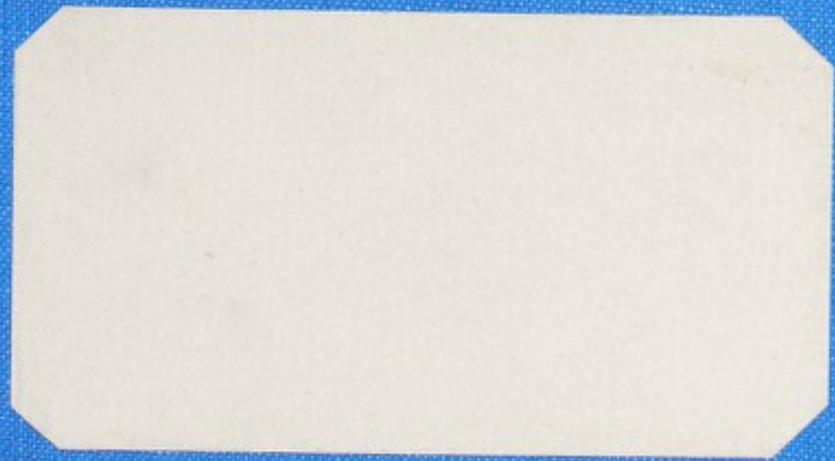
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HUNT. Soc.

HUNTER

OBSERVATIONS TENDING TO
SHOW THAT THE WOLF, JACKAL
AND DOG...

1787

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PERUNTALOO says he has as complete a sense of feeling with every part of the body of his little brother as of his own proper body, and this may account for the erections you saw, and making water distinctly; but this volition does not extend to the legs or feet, which are cold in comparison with the rest.

I am, &c.

JAMES ANDERSON.

EXPLANATION OF THE PLATE.

PERUNTALOO, son of CHINDRAHPAH-NAYANDOO, of the Gentoo Cast. He was born at Popelpahdoo, 70 miles west from Mufilipatnam. He is 13 years of age, and measures 4 feet 6½ inches in height.

Fig. 1. Natural position.

Fig. 2. Reversed position.



XV. *A supplementary Letter on the Identity of the Species of the Dog, Wolf, and Jackal; from John Hunter, Esq. F. R. S. addressed to Sir Joseph Banks, Bart. P. R. S.*

Read April 30, 1789.

S I R,

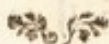
IN the year 1787 I had the honour of presenting to this learned Society, a Paper to prove the Wolf, the Jackal, and the Dog to be of the same species. But as the complete proof of the Wolf being a Dog, which consisted in the half-bred puppy breeding again, had not been under my own inspection, although sufficiently well authenticated, I saved a female of one of the half-bred puppies, mentioned in that Paper, in hopes of being myself a witness of the fact; but when the period of impregnation arrived, we unluckily missed that opportunity. However, another half-bred puppy has had young, which is equally satisfactory to me as if my own had bred. JOHN SYMMONS, Esq. of Milbank, has had a female Wolf in his possession for some time, who was lined by a Dog, and brought forth several puppies, which I had the honour of seeing with you. This was a very short time after the brood had been produced by Mr. GOUGH's Wolf, the subject of my former Paper, therefore the puppies were nearly of an age with mine. These puppies Mr. SYMMONS has reared; only one of them was a female, and she had much more of the mother or Wolf in her than any of
the

the rest of the same litter. I communicated my wish to Mr. SYMMONS, that either his puppy or mine should prove the fact to our own knowledge; which he immediately, with great readiness, acceded to. On the 16th, 17th, and 18th of December, 1788, this bitch was lined by a Dog, and on the 18th of February she brought eight puppies, all of which she now rears. If we reckon from the 16th of December, she went sixty-four days; but if we reckon from the 17th, the mean time, then it is sixty-three days, the usual time for a bitch to go with pup. These puppies are the second remove from the Wolf and Dog, similar to that given by my Lord CLANBRASSIL to the Earl of PEMBROKE, which bred again. (See Philosophical Transactions, Vol. LXXVII. p. 255.) It would have proved the same fact if she had been lined by either a Wolf, a Dog, or one of the males of her own litter.

I may just remark here, that the Wolf seems to have only one time in the year for impregnation natural to her, and that is in the month of December; for every time Mr. GOUGH's Wolf has been in heat was in this month, and it proves to be the same month in which Mr. SYMMONS's Wolf was in heat; for his half-bred Wolf is nearly of the same age with mine, and the time she was in heat was also the same with that of her own mother, and the present brood corresponds in time with the brood of Mr. GOUGH's Wolf.

I am, &c.

JOHN HUNTER.



XVI. *Abstract of a Register of the Barometer, Thermometer, and Rain, at Lyndon in Rutland; by Thomas Barker, Esq. Also of the Rain in Hampshire and Surrey. Communicated by Thomas White, Esq. F.R.S.*

Read April 30, 1789.

1788.

		Barometer.			Thermometer.						Rain.			
		Highest	Lowest	Mean.	In the House.			Abroad.			Lyndon	Surrey. S. Lambeth.	Hampshire.	
					High.	Low.	Mean	High.	Low.	Mean			Sel-	Fyfield.
		Inches.	Inches.	Inches.	°	°	°	°	°	°	Inch.	Inch.	Inch.	Inch.
Jan.	Morn.	30,13	28,37	29,50	44	34	40	45	23½	36	0,970	0,68	1,60	1,10
	Aftern.				44	35	40½	49	30	41				
Feb.	Morn.	29,77	28,25	29,14	45	35	40½	44	27½	36	2,667	2,09	3,37	2, 6
	Aftern.				45	37	41	48	30	42				
Mar.	Morn.	29,65	28,84	29,23	51	34	40	50	22	35	1,072	0,64	1,31	1,36
	Aftern.				52½	35½	41	63	31	43				
Apr.	Morn.	30,02	28,94	29,59	56	42½	50	54	35	45½	0,588	0,47	0,61	0,50
	Aftern.				60	43½	51	68½	40	56				
May	Morn.	29,92	29,19	29,60	68½	51	58	64	43½	52½	1,517	0,81	0,76	0,28
	Aftern.				72	53	60	82	51	66				
June	Morn.	29,85	29,10	29,52	65½	56	60	64½	50	56	0,608	1,94	1,27	1,36
	Aftern.				69	57½	61	82½	58	67				
July	Morn.	29,78	29,21	29,52	67½	58	62	70½	51	59	1,795	1,84	3,58	1,81
	Aftern.				70	59½	63½	83	58	72				
Aug.	Morn.	30,01	28,88	29,49	68	57½	61½	64	54	56	2,780	4,30	3,22	3,40
	Aftern.				70½	59	63	77	62	68				
Sept.	Morn.	29,80	29,00	29,40	66	52½	58½	61½	42	52	2,430	3,81	5,71	3,78
	Aftern.				66½	53	59	75½	50	63				
Oct.	Morn.	30,15	29,15	29,68	59	46	52	57	32	46	1,412	0,08	0, 0	0,03
	Aftern.				60	47	53	66	45	54½				
Nov.	Morn.	30,01	29,06	29,62	53	37	45	51½	25½	39	0,453	0,62	0,86	0,74
	Aftern.				53	37½	46	58	31	45				
Dec.	Morn.	29,85	29,12	29,47	39	27	34	40½	15	27	0,890	0,00	0,21	0,42
	Aftern.				40½	28	34½	44½	22½	31½				
Inches											17,182	17,28	22,50	16,84

