Online Appendix 1 - Character matrix used in the present study. Autapomorphies are in red, hemiplasies in pink, homoplasies in green, synapomorphies in blue, and ambiguous characters in grey

	ent- cent (17;19)	elo-centro (5;7)	ent-cent (16,25)	ent-cent (17,25)	ent-cent (16,29)	ent-cent(1;13)	ent-cent (5,20)	ent-cent (11;29)	ent-cent (18;19)	ent-cent(6;13)	ent-cent(8;12)	ent-cent (1927)	ent-cent (24,25)	ent-cent (8;13)	ent-cent(6;19)	ent-cent (4;18)	ent-cent (2;10)	ent-cent (12;18)	ent-cent(8,20)	ent-cent (15,22)	ent-cent (14,29)	-22-2telo-centro (11;22)	4-22-2telo-centro +C (24;22	ent-cent (4,5)	ent-cent (6,20)	ent-cent (7;18)	ent-cent (1921)	ent-cent (15,28)	zent-cent (8;16)
	8	2	3	8	5	6	7	8	9	10	8	12	13	8 14	15	16	8 17	18	19	20	21	22	23	24	25	26	27	28	29
Aepyceros melampus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Antidorcas marsupialis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Antilope cervicapra	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Beatragus hunteri	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bison bison	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bison bonasus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bos frontalis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bos indicus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bos javanicus birmanicus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bos javanicus javanicus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bos taurus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Boselaphus tragocamelus	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bubalus bubalis	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bubalus depressicornis	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bubalus mindorensis	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Capra ibex	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cervus nippon	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Damaliscus lunatus	0	. 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Damaliscus pygargus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eudorcas rufifrons	o o	ō	0	ō	0	ō	ō	0	0	0	ō	0	0	ō	ō	ō	0	ō	0	ő.	0	ō	ō	Ö	ō	0	0	ō	ō
Eudorcas thomsonii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gazella cuvieri	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gazella dorcas	0	0	0	ō	0	0	ō	0	0	0	0	0	0	ō	0	ō	0	ō	0	ō	0	0	0	0	0	0	0	ō	0
Gazella gazella erlangeri	0	0	0	ō	0	0	ō	0	0	0	0	0	0	ō	0	ō	0	ō	0	ō	0	0	0	0	0	0	0	ō	ō
Gazella leptoceros	0	ō	0	o o	0	o.	ō	0	0	0	o.	0	0	ő.	o o	ō	0	0	0	ő	ō	ő	0	0	ō	0	0	ō	ő
Gazella subgutturosa marica	0	0	0	0	0	0	0	0	0	0	0	0	0	ō	0	0	0	0	0	0	0	0	0	0	0	0	0	ō	0
Kobus ellipsiprymnus	0	0	0	0	0	0	ő	0	0	0	0	0	0	ő	0	ő	0	0	0	0	0	0	0	0	0	0	0	0	0
Kobus kob	0	0	0	0	0	0	ő	0	0	0	0	0	0	ő	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kobus leche	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kobus megaceros	0	o	0	0	0	0	0	0	0	0	0	0	0	0	0	ő	0	0	0	0	0	0	0	0	0	0	0	o o	0
Nanger dama ruficolis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nanger granti	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nanger soemmerringii			0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0		0	0	0	0	0	0	0	0
Neotragus moschatus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0
Oreotragus oreotragus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0
Oryx dammah			0	0		0	0	-					0		-	0		0		0		0	0	0	0	0	0	0	0
Oryx gazella	0	0			0			0	0	0	0	0		0	0		0		0		0	-			-				
Ovis ammon	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ovis aries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ovis nivicola	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Philantomba maxwellii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudoryx nghetinhensis	0	0	0	0	0	0	0	0	0	0	0	0	0	- 1	1	- 1	0	0	0	0	0	0	0	0	0	0	0	0	0
Redunca fulvorufula	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rupicapra rupicapra	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Syncerus caffer	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Taurotragus derbianus	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tragelaphus angasi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Tragelaphus eurycerus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tragelaphus imberbis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0
Tragelaphus scriptus	ő	ō	0	ō	0	ō	ō	0	0	0	ō	0	0	ō	ō	ō	0	0	0	0	0	ō	ō	0	ō	0	0	0	1
Tragelaphus spekii	0	0	0	ō	0	0	ō	0	0	0	0	0	0	ō	ō	ō	0	ō	0	ō	0	0	0	0	0	0	0	0	0
Tragelaphus strepsiceros	0	0	0	ō	0	0	ō	0	0	0	0	0	0	ō	ō	ō	0	ō	0	ō	0	0	1		1	1	1	1	ō

•																													
	_	_	_		_			_	_		_	6	elo-centro + C (X;14					_	_	_			_	_	_	_			
	(12;23)	(18;21)	(19;25)	(6;21)	(11;18)	(7;26)	(9;23)	(16;20)	(14;27)	(9;28)	(16;17)	(18;26)	Ö	centro (Y;14)	≘	6	(02	ent-cent (10;28)	(15,23)	ent-cent (21;26)	<del>2</del>	(83	ent-cent (16;19)	ent-cent (13;20)	ent-cent (17;18)	sent-cent (14;25)	8	3	≘
		Ξ	ž	9	=	6	6	ē			ž		+ 0	0	6	6	6	=	=	[2]	===	₹.	÷	Ξ	Ξ	-	Ë	3	8
	cent	ent	ent	ent	ent	ent	ent	cent	cent	cent	ent	ent	gua	entr	cent	ent	cent	ent	ent	ent	ent	cent	ent	ent	ent	cent	ent	ent	ent
	ent-cent	ent-cent	ent-cent	xent-cent	ent-cent	9	9	cent-cent (7;11)	ent-cent (3,27)	cent-cent (7,20)	ž	ent-cent	Ť.	ent-cent (1,24)	ent-cent (4,28)	Ť.	Ě	Ť.	Ě	ent-cent (1;18)	ent-cent (5;14)	xnt-cent (8;11)							
	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58
Aepyceros melampus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Antidorcas marsupialis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Antilope cervicapra	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	1	- 1	1	1	0	0	0	0	0	0	0	0	0
Beatragus hunteri	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
Bison bison	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bison bonasus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bos frontalis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bos indicus Bos javanicus birmanicus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bos javanicus irmanicus Bos javanicus javanicus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bos javanicus javanicus Bos taurus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Boselaphus tragocamelus	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bubalus bubalis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bubalus depressicornis	0	0	0	0	0	0	0	0	ő	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bubalus mindorensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Capra ibex	0	0	0	0	0	ō	0	0	ō	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	ō	0	0
Cervus nippon	0	0	0	0	0	0	0	0	ō	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	ō	0	0
Damaliscus lunatus	0	0	0	0	0	0	0	0	ō	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Damaliscus pygargus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	ō	0	0
Eudorcas rufifrons	o o	ō	0	ō	0	ō	ō	ō	ō	0	0	o o	ō	ō	ō	ō	0	ō	Ö	ō	ō	ō	ō	0	0	0	ō	ō	ō
Eudorcas thomsonii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gazella cuvieri	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gazella dorcas	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gazella gazella erlangeri	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gazella leptoceros	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Gazella subgutturosa marica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kobus ellipsiprymnus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kobus kob	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kobus leche	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Kobus megaceros	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nanger dama ruficolis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nanger granti	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0
Nanger soemmerringii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Neotragus moschatus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oreotragus oreotragus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oryx dammah	0	0	0	0	-	-	0	0	0	0	0	0	0	0	0	-	0	0	0	0	0	0	0	0	0	0	0		0
Oryx gazella	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ovis ammon Ovis aries	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ovis aries Ovis nivicola	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Philantomba maxwellii	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudoryx nghetinhensis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Redunca fulvorufula	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rupicapra rupicapra	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Syncerus caffer	0	0	0	0	0	0	0	0	ő	0	0	0	0	ő	0	0	0	0	0	0	ő	0	0	0	0	0	0	0	0
Taurotragus derbianus	0	0	0	0	0	0	ő	0	ő	0	0	0	0	o o	0	0	0	0	0	0	o o	0	0	0	0	0	0	0	0
Tragelaphus angasi	0	0	0	0	0	0	ő	0	ő	0	0	0	0	o o	0	0	0	0	0	0	o o	0	0	0	0	0	0	0	0
Tragelaphus eurycerus	0	0	0	1	0	ō	1	0	1	0	1	1	0	ō	0	0	0	0	0	0	ō	0	0	0	0	0	ō	0	0
Tragelaphus imberbis	0	0	0	0	0	ō	0	0	0	0	0	0	0	ō	0	0	0	0	0	0	ō	0	0	0	0	0	ō	0	0
Tragelaphus scriptus	1	1	1	0	ō	0	ō	0	0	0	0	0	0	ō	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tragelaphus spekii	0	0	0	0	1	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tragelaphus strepsiceros	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

	;12)	24)	9	(20,29)	(27,28)	(23,29)	27)	(0)	e	£ 5	£ ×	e	(6,10)	(51)	(81;	(8)	3	- G	(22)	(0)	13)	5	(8,15)	(6;24) +C(X;13	
	cnt-cent (10;12)	ent-cent (18,24)	-cent (2;17)	-cent (20	ent (27	ent (23	cent (17,27)	ent (9;20)	ent (6;11)	cnt-cent (8;24)	nultiple inv X	cent (5;11)		ent-cent (4;15)	ent-cent (13;18)	cent (2;28)	ent-cent (1;27	ent-cent (3;11)	cent (11;22	ent (3;10)	cnt-cent (9;27)	ent (5;17)		2 و	cent-cent (5;6)
	cent	cent	cent	cent	cent-cent	cent-cent	cent	cent	cent-cent	S Sult	, =	Sent	cent-cent			cent	0	0 0	ti s	cent-cent		cent-cent	cent-cent		
Aepyceros melampus	59 0	0	0	0	0	0	0	0	0	0 0	9 70 ) ?	<b>71</b>	<b>72</b>	73 74 0 0		<b>76</b>		7 <b>8 7</b> 9		81 0	<b>82</b> 0	<b>83</b>	0	85 86 0 0	
Antidorcas marsupialis	0	0	0	0	0	0	0	0		0 0		0	0	0 0	0	0		0 0		0	0	0	0	0 0	
Antilope cervicapra Beatragus hunteri	0	0	0	0	0	0	0	0	0	0 0		0	0	0 0	0	0		0 0	_	0	0	0	0	0 0	
Bison bison	0	0	0	0	0	0	0	0	0	0 0		0	0	0 0	0	0		0 0		0	0	0	0	0 0	
Bison bonasus	0	0	0	0	0	0	0	0	0	0 0		0	0	0 0	0	0	0	0 0	0	0	0	0	0	0 0	0
Bos frontalis Bos indicus	0	0	0	0	0	0	0	0	0	0 0		0	0	0 0	0	0		0 0		0	0	0	0	0 0	
Bos indicus Bos javanicus birmanicus	0	0	0	0	0	0	0	0	0	0 0		0	0	0 0	0	1		0 0		0	0	0	0	0 0	
Bos javanicus javanicus	0	0	0	0	0	0	0	0	0	0 0		0	0	0 0	0	0	0	0 0		0	0	0	0	0 0	
Bos taurus	0	0	0	0	0	0	0	0	0	0 0		0	0	0 0	0	0	0	0 0		0	0	0	0	0 0	
Boselaphus tragocamelus Bubalus bubalis	0	0	0	0	0	0	0	0	0	0 0		0	0	0 0	0	0		0 0		0	0	0	0	0 0	
Bubalus depressicornis	0	0	0	0	0	0	0	0	0	0 0		0	0	0 0	0	0		0 0		0	0	0	0	0 0	
Bubalus mindorensis	0	0	0	0	0	0	0	0	0	0 0	1	0	0	0 0	0	0	0	0 0	0	0	0	0	0	0 0	0
Capra ibex	0	0	0	0	0	0	0	0	0	0 0		0	0	0 0	0	0	0	0 0		0	0	0	0	0 0	
Cervus nippon Damaliscus lunatus	0	0	0	0	0	0	0	0	0	0 0		0	0	0 0	0	0	0	0 0		0	0	0	0	0 0	
Damaliscus pygargus	0	0	0	0	0	0	0	0	0	0 0		0	0	0 0	0	0		0 0		0	0	0	0	0 0	
Eudorcas rufifrons	0	0	0	0	0	0	0	0	0	0 0	?	0	0	0 0	0	0	0	0 0	0	0	0	0	0	0 0	
Eudorcas thomsonii	0	0	0	0	0	0	0	0	0	0 0		0	0	0 0	0	0		0 0		0	0	0	0	0 0	
Gazella cuvieri Gazella dorcas	0	0	0	0	0	0	0	0	0	0 0		0	0	0 0 0	0	0	0	0 0		0	0	0	0	0 0	
Gazella gazella erlangeri	0	0	0	0	0	1	0	0	0	0 0		0	0	0 0	0	0		0 0		0	0	0	0	0 0	
Gazella leptoceros	0	0	0	0	0	0	0	0	0	0 0		0	0 _	0 0	0	0		0 0		0	0	0	0	0 0	
Gazella subgutturosa marica	0	0	0	0	0	0	0	0	0	0 0		0	0	1 0	0	0		0 0		0	0	0	0	0 0	
Kobus ellipsiprymnus Kobus kob	0	0	0	0	0	0	0	0	0	0 0		0	0	0 0	0	0		0 0		0	0	0	0	0 0	
Kobus kob Kobus leche	0	0	0	0	0	0	0	0	0	0 0		0	0	0 0	0	0		0 0		1	0	0	0	0 0	
Kobus megaceros	0	0	0	0	0	0	0	0	0	0 0		0	0	0 0	0	0		0 0		0	0	0	0	0 0	
Nanger dama ruficolis	0	0	0	0	0	0	0	0	0	0 0		0	0	0 0	0	0		0 0		0	0	0	0	0 0	0
Nanger granti Nanger soemmerringii	0	0	0	0	0	0	0	0	0	0 0		0	0	0 0	0	0		0 0		0	0	0	0	0 0	
Neotragus moschatus	0	0	0	0	0	0	0	0	0	0 0		0	0	0 0	0	0		0 0		0	0	0	0	0 0	
Oreotragus oreotragus	0	0	0	0	0	0	0	0	0	0 0	?	0	0	0 0	0	0	0	0 0	0	0	0	0	0	0 0	
Oryx dammah	0	0	0	0	0	0	0	0	0	0 0		0	0	0 0	0	0		0 0		0	0	0	0	0 0	
Oryx gazella	0	0	0	0	0	0	0	0	0	0 0		0	0	0 0	0	0		0 0		0	0	0	0	0 0	
Ovis ammon Ovis aries	0	0	0	0	0	0	0	0	0	0 0		1	0	0 0	0	0		0 0		0	0	0	0	0 0	
Ovis nivicola	0	0	0	0	0	0	0	0	0	0 0	0	1	0	0 0	0	0	0	0 0	0	0	0	0	0	0 0	0
Philantomba maxwellii	0	0	0	0	0	0	0	0	0	0 0		0	0	0 0	0	0	0	0 0		0	0	0	0	0 0	
Pseudoryx nghetinhensis Redunca fulvorufula	0	0	0	0	0	0	0	0	0	0 0		0	0	0 0	0	0	0	0 0		0	0	0	0	0 0	
Rupicapra rupicapra	0	0	0	0	0	0	0	0		0 0		0	0	0 0	0	0		0 0		0	0	0	0	0 0	
Syncerus caffer	0	0	0	0	0	0	0	0	0	0 0	1	0	0	0 0	0	0	0	0 0	0	0	0	0	0	0 0	
Taurotragus derbianus	0	0	0	0	0	0	1	1	1	1 1	1 1	0	0	0 0	0	0		0 0		0	0	0	0	0 0	
Tragelaphus angasi Tragelaphus eurycerus	0	0	0	0	0	0	0	0	0	0 0		0	0	0 0	0	0		0 0		0	0	0	0	0 0	
Tragelaphus imberbis	0	0	0	0	0	0	0	0	0	0 0		0	0	0 0	0	0	0	1 1	0	0	1	0	0	0 1	
Tragelaphus scriptus	0	0	0	0	0	0	0	0	0	0 0	1	0	1	1 0	0	0	0	0 0	0	0	0	1	0	0 0	0
Tragelaphus spekii	0	0	0	0	0	0	0	0		0 0		0	0	0 1		0		0 0		0	0	0	1	1 1	
Tragelaphus strepsiceros	0	0	0	0	0	0	0	0	0	0 0	) 1	0	0	0 0	0	0	0	0 0	0	1	1	0	0	0 0	0
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	-cent (7;9)	cent (20;22	cent (6;29)	cent (5;13)	cent (7;22	cent (13;17	cent (3;28)	(4;29)	cent (14;2	cent (3;4)	cent (2,24)	1(6,25)	cent (9;18)	-cent (16;22	1(14;26	oent (4;12)	-cent (2;8)	cent (11;12	(10,23	1(12;27	cent (8;21	cent (1;25)	(4;19)	cent (5;28)	ent-cent (8;19)
	t-cen							t-cen				t-cent		t-cen						t-cent (			t-cent	t-cent	t-cen
	88 cent-	89	90	91	92	93	94	95	96	97 98	<u> </u>	100	101	102 103	104	105	- ŭ	07 10		110	III	112	113	tie tie:	
Aepyceros melampus	0	0	0	0	0	0	0	0		0 0	0	0	0	0 0	0	0		0 0	0	0	0	0	0	0 0	0
Antidorcas marsupialis Antilope cervicapra	0	0	0	0	0	0	0	0		0 0		0	0	0 0		0		0 0		0	0	0	0	0 0	
Beatragus hunteri	0	0	0	0	0	0	0	0		0 0		0	0	0 0		0		0 0		0	0	0	0	0 0	0
Bison bison Bison bonasus	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0	0	0	0	0	0 0	0
Bos frontalis Bos indicus	0	0	0	0	0	0	0	0		0 0		0	0	0 0		0		0 0		0	0	0	0	0 0	
Bos javanicus birmanicus	0	0	0	0	0	0	0	0	0	0 0	0	0	0	0 0	0	0	0	0 0	0	0	0	0	0	0 0	0
Bos javanicus javanicus				0	0	0	0	0		0 0		0	0	0 0	0	0		0 0		0	0	0	0	0 0	
Bos taurus	0	0	0	0	0	0		U							U	0						0	U		0
Bos taurus Boselaphus tragocamelus	0	0	0	0	0	0	0	0	0	0 0		0	0	0 0	0	0	0	0 0	0	0	0		0	0 0	
Bos taurus Boselaphus tragocamelus Bubalus bubalis Bubalus depressicornis	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0	0 0 0	0 0	0	0	0 0 0	0 0 0 0 0 0	0 0 0	0 0	0 0 0	0 0 0 0	0 0	0	0	0	0 0 0	1 1 1 1	1 1
Bos taurus Boselaphus tragocamelus Bubalus bubalis Bubalus depressicornis Bubalus mindorensis	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	0 0	0 0	0 0 0	0 0 0 0 0 0 0 0	0 0 0	0 0 0	0 0 0	0 0 0 0 0 0	0 0 0	0 0 0	0 0 0	0 0	0 0 0	1 1 1 1 1 1	1 1 1
Bos taurus Boselaphus tragocamelus Bubalus bubalis Bubalus depressicornis Bubalus mindorensis Capra ibex Cervus nippon	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0	0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0	0 0 0 0	0 0 1 0	0 0 0 0	1 1 1 1 1 1 0 0 0 0	1 1 1 0
Bos taurus Boselaphus tragocamelus Bubalus bubalis Bubalus depressicornis Bubalus mindorensis Capra ibex Cervus nippon Damaliscus lunatus	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0	0 0 0	0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0	0 0 0 0	0 0 0 0 0	0 0 0 0 0 0		0 0 0	0 0 0	0 0 1 0	0 0 0 0	1 1 1 1 1 1 0 0	1 1 1 0 0
Bos taurus Buselaphus tragocamelus Bubalus bubalis Bubalus depressicornis Bubalus mindorensis Capra ibex Cervus nippon Damaliscus lunatus Damaliscus pygargus Eudoros rūffrons	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0 0 0 0 0 0	0 0 0 0 0 0	0 0 1 0 0 0 0	0 0 0 0 0 0	1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 0 0 0 0
Bos laurus Boselaphus tragocamelus Bubalus tubalis bubalis Bubalus bubalis Bubalus mindorensis Capra ibex Cerus nipoon Damaliscus lunatus Damaliscus lunatus Eudorcas rififrons Eudorcas thomsonii Gazella cuiveri	0 0 0 0 0 0 0 0 1 1 1 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 1 0 0 0 0 0 0	0 0 0 0 0 0 0 0	1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 0 0 0 0 0 0
Bos taurus Boselaphus tragocamelus Bubalus trubalus Bubalus depressicornis Bubalus depressicornis Gapra ibex Carvus injoon Damaliscus lunatus Damaliscus pyargus Eudoras ruffrons Eudoras thomsonii Gazella cuvieri Gazella dorcas	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0 0 0 0 0 0	0 0 0 0 0 0 0	0 0 1 0 0 0 0 0	0 0 0 0 0 0 0 0 0	1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 1 0 0 0 0 0 0
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Bos taurus Boselaphus rapocamelus Bubahus rapocamelus Bubahus depressicornis Bubahus depressicornis Bubahus mindorensis Capra ibex Cervus nippon Damaliscus hunatus Damaliscus pygargus Eudoras rafifrons Eudoras stomsonii Gazella cuvieri Gazella dorcas	0 0 0 0 0 0 0 1 1 1 0 0 0	0 0 0 0 0 0 0 0 1 1 1 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1	0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 0 0 0 0 0 0 0 0 0 0
Bos taurus Boselaphus rogocamelus Bubalus deprogecamelus Bubalus depressicorais Bubalus depressicorais Bubalus depressicorais Bubalus anindorensis Capra thes Cervus nippon Damaliscus pygargus Eudoreas thomsonli Gazella coiveri Gazella doreas Gazella deproceros Gazella seducie eringeri Gazella seducirosa marica	0 0 0 0 0 0 0 0 0 1 1 1 0 0 0 0	0 0 0 0 0 0 0 0 1 1 1 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 0 0 1 1 1 0		0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 1 1 1 1 1 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	0 0 0 1 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 1 1 1 1 1 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
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Aepyceros melampus	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Antidorcas marsupialis	0		0	0	0	0	0	0	0	o	0	0	0	0	0	0	0	0	0	0	0	o	0	0	0	1	0	0	0	0
Antilope cervicapra	0		0	0	0	0	0	0	0	o	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
Beatragus hunteri	0		0	0	0	0	0	0	1	ő	0	0	0	0	o o	0	0	0	0	0	0	0	0	0	0	1	1	0	ő	0
Bison bison	0		0	0	0	0	0	0	0	0	0	ō	0	0	0	0	0	0	0	0	0	ō	0	0	0	0	0	0	ō	0
Bison bonasus	0		0	0	0	0	0	0	0	ō	0	ō	0	0	0	0	0	0	0	0	0	ō	0	0	0	ō	0	0	ō	0
Bos frontalis	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	ō	0	0	0	0
Bos indicus	0		0	0	0	0	0	0	0	ō	0	0	0	0	0	0	0	0	0	0	0	ō	0	0	0	0	0	0	0	0
Bos javanicus birmanicus	0		0	0	0	0	0	0	0	o	0	0	0	0	0	0	0	0	0	0	0	o	0	0	0	0	0	0	0	0
Bos javanicus javanicus	0		0	0	0	0	0	0	0	ő	0	0	0	o	ő	0	0	0	0	0	0	ő	o	0	0	ő	0	0	ő	0
Bos taurus	0		0	0	0	0	0	0	0	0	0	0	0	0	0	ō	0	0	0	0	0	0	0	0	0	ō	0	0	0	0
Boselaphus tragocamelus	0		0	1	1	0	0	0	0	0	0	0	0	0	0	ō	0	0	0	0	0	0	0	0	0	ō	0	0	0	0
Bubalus bubalis	0		0 "	0	0	0	0	0	0	0	0	0	0	0	0	ō	0	0	0	0	0	0	0	0	0	ō	0	0	0	0
Bubalus depressicornis	1		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bubalus mindorensis	0		1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Capra ibex	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cervus nippon	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Damaliscus lunatus	0		1	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
Damaliscus pygargus	0		1	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0
Eudorcas rufifrons	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Eudorcas thomsonii	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	?	0	0	0	0	0	0	0
Gazella cuvieri	0		0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0
Gazella dorcas	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0
Gazella gazella erlangeri	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	. 0	0	0	0	0	0	1	0	0	0	0	0
Gazella leptoceros	0		0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0
Gazella subgutturosa marica	0		0	0	0	0	0	- 0	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	0	0	0	0	0	0	1
Kobus ellipsiprymnus	0		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Kobus kob	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
Kobus leche	0		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
Kobus megaceros	0		0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
Nanger dama ruficolis	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
Nanger granti	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
Nanger soemmerringii	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0
Neotragus moschatus	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oreotragus oreotragus	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oryx dammah	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oryx gazella Ovis ammon	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Ovis ammon Ovis aries	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Ovis aries Ovis nivicola	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Philantomba maxwellii	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Pseudoryx nghetinhensis	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Redunca fulvorufula	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rupicapra rupicapra	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Syncerus caffer	0		o I	1	0	0	0	0	0	ő	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	o o	0	0	0	0
Taurotragus derbianus	0		o "	0	0	0	0	0	0	o o	0	0	0	0	0	0	0	0	1	1	1	o o	0	0	0	0	0	0	1	0
Tragelaphus angasi	0		0	0	0	0	0	0	0	o o	0	0	0	0	0	0	0	0	0	0	0	o o	0	0	0	0	0	0	0	0
Tragelaphus eurycerus	1		0	0	0	0	0	0	ō	ō	0	ō	0	0	0	ō	0	0	0	1	1	ō	0	0	0	ō	0	0	1	0
Tragelaphus imberbis	0		0	0	1	0	0	0	0	o o	0	0	0	0	0	0	0	0	0	0	0	o o	0	0	0	0	1	0	0	0
Tragelaphus scriptus	1		0	0	0	0	0	0	0	ő	0	0	0	o	ő	0	0	0	0	1	0	ő	0	1	0	ő	0	0	1	0
Tragelaphus spekii	0	_	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	- 1	0	1	0	0	0	0	0	0	0	1	0
Tragelaphus strepsiceros	0		0	0	0	1	- 1	0	0	0	0	0	0	0	0	0	0	0	- 0	0	0	0	0	0	0	0	0	0	-0	0

	cent-cent (1;10)	cent-cent (2;25)	cent-cent (8;14)	cent-cent -absC (22;2)	cent-cent (12;16)	centromeric shift= transposition	telo-centro +C (Y;13)	cent-cent (1;29)	telo-cent (X;5)	t rep (9;14)
	146	147	148	149	150	151	152	153	154	155
Aepyceros melampus	0	0	0	0	0	0	0	0	0	?
Antidorcas marsupialis	0	0	0	0	0	0	0	0	0	1
Antilope cervicapra Beatragus hunteri	0	0	0	0	0	0	0	0	0	1
Bison bison	0	0	0	0	0	1	0	0	0	0
Bison bonasus	0	0	0	0	0	i	0	0	0	0
Bos frontalis	0	ő	0	0	0	1	ő	0	0	0
Bos indicus	0	0	0	0	0	1	0	0	0	0
Bos javanicus birmanicus	0	0	0	0	0	1	0	1	0	0
Bos javanicus javanicus	0	0	0	0	0	1	0	0	0	0
Bos taurus	0	0	0	0	0	1	0	0	0	0
Boselaphus tragocamelus	0	0	0	0	0	0	0	0	0	0
Bubalus bubalis	0	0	0	0	0	0	0	0	0	0
Bubalus depressicornis	0	0	0	0	0	0	0	0	0	0
Bubalus mindorensis	0	0	0	0	0	0	0	0	0	0
Capra ibex Cervus nippon	0	0	0	0	0	0	0	0	0	0
Damaliscus lunatus	1	0	0	0	1	0	0	0	0	1
Damaliscus pygargus	1	0	0	0	1	0	0	0	0	1
Eudorcas rufifrons	0	0	0	0	0	0	0	0	1	0
Eudorcas thomsonii	0	0	0	0	0	0	0	0	i	0
Gazella cuvieri	Ö	0	1	0	1	0	ō	ō	i	0
Gazella dorcas	1	0	1	0	0	0	0	0	1	0
Gazella gazella erlangeri	1	0	1	0	0	0	0	0	0	0
Gazella leptoceros	0	0	1	0	1	0	0	0	1	0
Gazella subgutturosa marica	0	0	1	0	1	0	0	0	1	0
Kobus ellipsiprymnus	0	1	0	0	0	0	0	0	0	1
Kobus kob	0	1	0	0	0	0	0	0	0	1
Kobus leche	0	1	0	0	0	0	0	0	0	1
Kobus megaceros	0	0	0	0	0	0	0	0	1	0
Nanger dama ruficolis Nanger granti	0	0	0	0	0	0	0	0	i	1
Nanger soemmerringii	0	0	0	0	0	0	0	0	i	0
Neotragus moschatus	0	0	0	0	0	0	0	0	0	1
Oreotragus oreotragus	0	0	0	0	0	0	0	0	0	?
Oryx dammah	0	0	0	0	0	0	0	1	0	1
Oryx gazella	0	0	0	0	0	0	0	1	0	1
Ovis ammon	0	0	0	0	0	0	0	0	0	1
Ovis aries	0	0	0	0	0	0	0	0	0	1
Ovis nivicola	0	0	0	0	0	0	0	0	0	1
Philantomba maxwellii	0	0	0	0	0	0	0	0	0	?
Pseudoryx nghetinhensis Redunca fulvorufula	0	1	0	0	0	0	0	0	0	0
Reaunca Jutvorujuta Rupicapra rupicapra	0	0	0	0	0	0	0	0	0	1
Syncerus caffer	0	0	0	0	0	0	0	0	0	0
Taurotragus derbianus	0	0	0	1	0	0	1	1	0	0
Tragelaphus angasi	0	o	0	i	0	0	i	0	0	0
Tragelaphus eurycerus	0	0	0	1	0	0	1	1	0	0
Tragelaphus imberbis	0	0	0	0	0	0	1	0	0	0
Tragelaphus scriptus	0	0	0	1	0	0	1	1	0	0
Tragelaphus spekii	0	0	0	1	0	0	1	1	0	0
Tragelaphus strepsiceros	0	0	0	1	1	0	- 1	1	0	0