

Table S1. The publications that tested primate cognition in a social setting published between 2000 and 2015 (inclusive), with one entry per unique combination of environment type and species per publication.

Species	Reference	Title of Article	Environment Type	Number of Groups Tested	Number of Individuals Tested
<i>Alouatta caraya</i>	da Cunha et al., 2006	Roars of black howler monkeys (<i>Alouatta caraya</i>): evidence for a function in inter-group spacing	field	1	13
<i>Alouatta pigra</i>	Briseno-Jamarillo et al., 2015	Individual voice recognition and an auditory map of neighbours in free-ranging black howler monkeys (<i>Alouatta pigra</i>)	field	6	45
<i>Alouatta pigra</i>	Kitchen et al., 2004	Subordinate male black howler monkey (<i>Alouatta pigra</i>) responses to loud calls: experimental evidence for the effects of intra-group male relationships and age	sanctuary	NA	10
<i>Alouatta pigra</i>	Kitchen, 2004	Alpha male black howler monkey responses to loud calls: effect of numeric odds, male companion behavior and reproductive investment	sanctuary	NA	12
<i>Alouatta pigra</i>	Kitchen, 2006	Experimental test of female black howler monkey (<i>Alouatta pigra</i>) responses to loud calls from potentially infanticidal males: effects of numeric odds, vulnerable offspring, and companion behavior	sanctuary	12	27
<i>Aotus nigriceps</i>	Bicca-Marques & Garber, 2004	Use of spatial, visual, and olfactory information during foraging in wild nocturnal and diurnal anthropoids: A field experiment comparing <i>Aotus</i> , <i>Callicebus</i> , and <i>Saguinus</i>	field	1	4
<i>Ateles fusciceps</i>	Nelson & Boevig, 2015	Precise digit use increases the expression of handedness in Colombian spider monkeys (<i>Ateles fusciceps rufiventris</i>)	zoo	1	9
<i>Ateles fusciceps</i>	Nelson et al., 2015	Evaluating handedness measures in spider monkeys	zoo	1	5
<i>Ateles geoffroyi</i>	Burkart et al., 2014	The evolutionary origin of human hyper-cooperation	zoo	2	23
<i>Callicebus cupreus</i>	Bicca-Marques & Garber, 2004	Use of spatial, visual, and olfactory information during foraging in wild nocturnal and diurnal anthropoids: A field experiment comparing <i>Aotus</i> , <i>Callicebus</i> , and <i>Saguinus</i>	field	1	5
<i>Callicebus nigrifrons</i>	Cäsar et al., 2013	Titi monkey call sequences vary with predator location and type	field	5	NA
<i>Callicebus nigrifrons</i>	Caselli et al., 2015	Playback responses of socially monogamous black-fronted titi monkeys to simulated solitary and paired intruders	field	5	12
<i>Callithrix argentata</i>	Day et al., 2003	Neophilia, innovation and social learning: A study of intergeneric differences in callitrichid monkeys	zoo	3	22
<i>Callithrix geoffroyi</i>	Braccini & Caine, 2009	Hand preference predicts reactions to novel foods and predators in marmosets (<i>Callithrix geoffroyi</i>)	zoo	2	18
<i>Callithrix geoffroyi</i>	Day et al., 2003	Neophilia, innovation and social learning: A study of intergeneric differences in callitrichid monkeys	zoo	3	15
<i>Callithrix geoffroyi</i>	Kitzmann & Caine, 2009	Marmoset (<i>Callithrix geoffroyi</i>) food-associated calls are functionally referential	zoo	2	12
<i>Callithrix geoffroyi</i>	Petracca & Caine, 2013	Alarm calls of marmosets (<i>Callithrix geoffroyi</i>) to snakes and perched raptors	zoo	2	12
<i>Callithrix jacchus</i>	Burkart & van Schaik, 2013	Group service in macaques (<i>Macaca fuscata</i>), capuchins (<i>Cebus apella</i>) and marmosets (<i>Callithrix jacchus</i>): A comparative approach to identifying proactive prosocial motivations	laboratory	1	7
<i>Callithrix jacchus</i>	Burkart et al., 2014	The evolutionary origin of human hyper-cooperation	laboratory	5	30
<i>Callithrix jacchus</i>	Gunhold et al., 2014	Memory, transmission and persistence of alternative foraging techniques in wild common marmosets	field	13	111

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<i>Callithrix jacchus</i>	Gunhold, Whiten & Bugnyar, 2014	Video demonstrations seed alternative problem-solving techniques in wild common marmosets	field	12	109
<i>Callithrix jacchus</i>	Halsey et al., 2006	Can wild common marmosets (<i>Callithrix jacchus</i>) solve the parallel strings task?	field	2	13
<i>Callithrix jacchus</i>	Pesendorfer et al., 2009	The maintenance of traditions in marmosets: individual habit, not social conformity? A field experiment	field	9	36
<i>Callithrix jacchus</i>	Schiel & Huber, 2006	Social influences on the development of foraging behavior in free-living common marmosets (<i>Callithrix jacchus</i>)	field	4	32
<i>Callithrix jacchus</i>	Watson, Buchanan-Smith & Caldwell, 2014	Call playback artificially generates a temporary cultural style of high affiliation in marmosets	laboratory	19	31
<i>Cebus apella</i>	Burkart & van Schaik, 2013	Group service in macaques (<i>Macaca fuscata</i>), capuchins (<i>Cebus apella</i>) and marmosets (<i>Callithrix jacchus</i>): A comparative approach to identifying proactive prosocial motivations	zoo	1	7
<i>Cebus apella</i>	Burkart et al., 2014	The evolutionary origin of human hyper-cooperation	laboratory	2	17
<i>Cebus apella</i>	Burkart et al., 2014	The evolutionary origin of human hyper-cooperation	zoo	1	8
<i>Cebus apella</i>	Burkart et al., 2014	The evolutionary origin of human hyper-cooperation	laboratory	2	17
<i>Cebus apella</i>	Burkart et al., 2014	The evolutionary origin of human hyper-cooperation	zoo	1	8
<i>Cebus apella</i>	Crast, Hardy & Frigaszy, 2010	Inducing traditions in captive capuchin monkeys (<i>Cebus apella</i>)	laboratory	6	27
<i>Cebus apella</i>	Dean et al., 2012	Identification of the social and cognitive processes underlying human cumulative culture	laboratory	1	22
<i>Cebus apella</i>	Di Bitetti, 2003	Food-associated calls of tufted capuchin monkeys (<i>Cebus apella nigrinus</i>) are functionally referential signals	field	1	NA
<i>Cebus apella</i>	Dindo, Whiten & de Waal, 2009	In-group conformity sustains different foraging traditions in capuchin monkeys (<i>Cebus apella</i>)	laboratory	2	27
<i>Cebus apella</i>	Evans & Westergaard, 2006	Self-control and tool use in tufted capuchin monkeys (<i>Cebus apella</i>)	laboratory	4	20
<i>Cebus apella</i>	Flemming, Rattermann & Thompson, 2006	Differential individual access to and use of reaching tools in social groups of capuchin monkeys (<i>Cebus apella</i>) and human infants (<i>Homo sapiens</i>)	laboratory	1	6
<i>Cebus apella</i>	Janson, 2007	Experimental evidence for route integration and strategic planning in wild capuchin monkeys	field	1	32.5
<i>Cebus apella</i>	Morton et al., 2013	Taking personality selection bias seriously in animal cognition research: a case study in capuchin monkeys (<i>Sapajus apella</i>)	zoo	2	18
<i>Cebus apella</i>	Wheeler & Hammerschmidt, 2013	Proximate factors underpinning receiver responses to deceptive false alarm calls in wild tufted capuchin monkeys: is it counterdeception?	field	NA	NA
<i>Cebus apella</i>	Wheeler et al., 2014	Competition-induced stress does not explain deceptive alarm calling in tufted capuchin monkeys	field	2	45
<i>Cebus apella</i>	Wheeler, 2008	Selfish or altruistic? An analysis of alarm call function in wild capuchin monkeys, <i>Cebus apella nigrinus</i>	field	3	49.5
<i>Cebus apella</i>	Wheeler, 2009	Monkeys crying wolf? Tufted capuchin monkeys use anti-predator calls to usurp resources from conspecifics	field	1	26

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<i>Cebus apella</i>	Wheeler, 2010	Decrease in alarm call response among tufted capuchins in competitive feeding contexts: possible evidence for counterdeception	field	1	8
<i>Cebus apella</i>	Wheeler, 2010	Production and perception of situationally variable alarm calls in wild tufted capuchin monkeys (<i>Cebus apella nigrinus</i>)	field	NA	NA
<i>Cebus capucinus</i>	Meno et al., 2013	Development of snake-directed antipredator behavior by wild white-faced capuchin monkeys: II Influence of the social environment	field	6	15
<i>Cebus capucinus</i>	Meunier, Petit & Deneubourg, 2008	Social facilitation of fur rubbing behavior in white-faced capuchins	laboratory	1	12
<i>Cebus nigrinus</i>	Gomes & Bicca-Marques, 2012	Capuchin monkeys use spatial and visual information during within patch foraging	field	1	8
<i>Cebus olivaceus</i>	Dubois et al., 2000	Location-specific responsiveness to environmental perturbations in wedge-capped capuchins (<i>Cebus olivaceus</i>)	laboratory	1	5
<i>Cebus olivaceus</i>	Dubois et al., 2001	Spatial facilitation in a probing task in wedge-capped capuchins (<i>Cebus olivaceus</i>)	laboratory	1	4
<i>Cebus apella</i>	Addressi & Visalberghi, 2001	Social facilitation of eating novel food in tufted capuchin monkeys (<i>Cebus apella</i>): input provided by group members and responses affected in the observer	laboratory	2	15
<i>Cercocebus torquatus</i>	Candiotti et al., 2013	Voice discrimination in four primates	laboratory	1	6
<i>Cercopithecus campbelli</i>	Candiotti et al., 2013	Voice discrimination in four primates	laboratory	1	8
<i>Cercopithecus campbelli</i>	Lemasson et al., 2005	Socially meaningful vocal plasticity in adult Campbell's monkeys (<i>Cercopithecus campbelli</i>)	laboratory	1	15
<i>Cercopithecus campbelli</i>	Ouattara et al., 2009	The alarm call system of female Campbell's monkeys	field	7	NA
<i>Cercopithecus campbelli</i>	Zuberbühler, 2001	Predator-specific alarm calls in Campbell's monkeys, <i>Cercopithecus campbelli</i>	field	55	NA
<i>Cercopithecus diana</i>	Bshary, 2001	Diana monkeys, <i>Cercopithecus diana</i> , adjust their anti-predator response behaviour to human hunting strategies	field	NA	NA
<i>Cercopithecus diana</i>	Coye et al., 2015	Suffixation influences receivers' behaviour in non-human primates	field	42	NA
<i>Cercopithecus diana</i>	Stephan & Zuberbühler, 2008	Predation increases acoustic complexity in primate alarm calls	field	NA	NA
<i>Cercopithecus diana</i>	Stephan & Zuberbühler, 2008	Predation increases acoustic complexity in primate alarm calls	field	NA	NA
<i>Cercopithecus diana</i>	Stephan & Zuberbühler, 2014	Predation affects alarm call usage in female Diana monkeys (<i>Cercopithecus diana diana</i>)	field	NA	NA
<i>Cercopithecus diana</i>	Stephan & Zuberbühler, 2014	Predation affects alarm call usage in female Diana monkeys (<i>Cercopithecus diana diana</i>)	field	NA	NA
<i>Cercopithecus diana</i>	Zuberbühler, 2000	Referential labelling in Diana monkeys	field	23	23
<i>Cercopithecus diana</i>	Zuberbühler, 2000	Interspecies semantic communication in two forest primates	field	NA	NA
<i>Cercopithecus diana</i>	Zuberbühler, 2000	Causal knowledge of predators' behaviour in wild Diana monkeys	field	50	NA

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<i>Cercopithecus diana</i>	Zuberbühler, 2000	Causal cognition in a non-human primate: field playback experiments with Diana monkeys	field	50	NA
<i>Cercopithecus diana</i>	Zuberbühler, 2002	A syntactic rule in forest monkey communication	field	NA	NA
<i>Cercopithecus mitis</i>	Murphy et al., 2013	Male blue monkey alarm calls encode predator type and distance	field	NA	NA
<i>Cercopithecus mitis</i>	Papworth et al., 2008	Male blue monkeys alarm call in response to danger experienced by others	field	34	34
<i>Cercopithecus neglectus</i>	Candiotti et al., 2013	Voice discrimination in four primates	laboratory	3	4
<i>Cercopithecus neglectus</i>	Candiotti et al., 2013	Voice discrimination in four primates	zoo	2	7
<i>Cercopithecus neglectus</i>	Candiotti et al., 2013	Voice discrimination in four primates	zoo	1	2
<i>Cercopithecus nictitans</i>	Arnold & Zuberbühler, 2006	The alarm-calling system of adult male putty-nosed monkeys, <i>Cercopithecus nictitans martini</i>	field	NA	NA
<i>Cercopithecus nictitans</i>	Arnold & Zuberbühler, 2008	Meaningful call combinations in a non-human primate	field	1	17
<i>Cercopithecus nictitans</i>	Arnold & Zuberbühler, 2013	Female putty-nosed monkeys use experimentally altered contextual information to disambiguate the cause of male alarm calls	field	1	NA
<i>Cercopithecus nictitans</i>	Arnold et al., 2008	A forest monkey's alarm call series to predator models	field	NA	NA
<i>Chlorocebus aethiops</i>	Borgeaud et al., 2015	Age/sex differences in third-party rank relationship knowledge in wild vervet monkeys, <i>Chlorocebus aethiops pygerythrus</i>	field	3	35
<i>Chlorocebus aethiops</i>	Borgeaud, van de Waal & Bshary, 2013	Third-party ranks knowledge in wild vervet monkeys (<i>Chlorocebus aethiops pygerythrus</i>)	field	3	16
<i>Chlorocebus aethiops</i>	James et al., 2007	Dimensions of impulsivity are associated with poor spatial working memory performance in monkeys	laboratory	2	18
<i>Chlorocebus aethiops</i>	van de Waal & Bshary, 2011	Social learning abilities of wild vervet monkeys in a two-step task artificial fruit experiment	field	6	28
<i>Chlorocebus aethiops</i>	van de Waal & Whiten, 2012	Spontaneous emergence, imitation and spread of alternative foraging techniques among groups of vervet monkeys	field	4	51
<i>Chlorocebus aethiops</i>	van de Waal et al., 2010	Selective attention to philopatric models causes directed social learning in wild vervet monkeys	field	6	64
<i>Chlorocebus aethiops</i>	van de Waal et al., 2012	Similarity in food cleaning techniques within matriline in wild vervet monkeys	field	6	63
<i>Chlorocebus aethiops</i>	van de Waal et al., 2015	Wild vervet monkeys copy alternative methods for opening an artificial fruit	field	3	121
<i>Chlorocebus aethiops</i>	van de Waal, Borgeaud & Whiten, 2013	Potent social learning and conformity shape a wild primate's foraging decisions	field	4	42
<i>Chlorocebus aethiops</i>	van de Waal, Bshary & Whiten, 2014	Wild vervet monkey infants acquire the food-processing variants of their mothers	field	4	17
<i>Chlorocebus aethiops</i>	van de Waal, Claidière & Whiten, 2013	Social learning and spread of alternative means of opening an artificial fruit in four groups of vervet monkeys	field	4	34

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<i>Chlorocebus aethiops</i>	van de Waal, Claidière & Whiten, 2014	Wild vervet monkeys copy alternative methods for opening an artificial fruit	field	3	64
<i>Chlorocebus pygerythrus</i>	Borgeaud & Bshary, 2015	Wild vervet monkeys trade tolerance and specific coalitionary support for grooming in experimentally induced conflicts	field	3	17
<i>Chlorocebus pygerythrus</i>	Burns et al., 2013	Barbados green monkeys (<i>Chlorocebus sabaesus</i>) recognize ancestral alarm calls after 350 years of isolation	field	1	15
<i>Chlorocebus pygerythrus</i>	Fruteau, van Damme & Noë, 2013	Vervet monkeys solve a multiplayer “Forbidden Circle Game” by queuing to learn restraint	field	2	14
<i>Chlorocebus pygerythrus</i>	Noe & Laporte, 2014	Socio-spatial cognition in vervet monkeys	field	2	26
<i>Chlorocebus sabaesus</i>	Price & Fischer, 2014	Meaning attribution in the West African green monkey: influence of call type and context	field	4	36
<i>Chlorocebus sabaesus</i>	Fruteau, van Damme & Noë, 2013	Vervet monkeys solve a multiplayer “Forbidden Circle Game” by queuing to learn restraint	laboratory	1	25
<i>Colobus guereza</i>	Candiotti et al., 2013	Voice discrimination in four primates	zoo	1	7
<i>Colobus guereza</i>	Price & Caldwell, 2007	Artificially generated cultural variation between two groups of captive monkeys, <i>Colobus guereza kikuyuensis</i>	zoo	2	4
<i>Colobus guereza</i>	Schel et al., 2010	Predator-detering alarm call sequences in Guereza colobus monkeys are meaningful to conspecifics	field	NA	NA
<i>Eulemur fulvus</i>	Fichtel & Hammerschmidt, 2002	Responses of redfronted lemur to experimentally modified alarm calls: evidence for urgency-based changes in call structure	field	3	9
<i>Eulemur fulvus</i>	Fichtel & Kappeler, 2002	Anti-predator behavior of group-living Malagasy primates: mixed evidence for a referential alarm call system	field	4	6
<i>Eulemur fulvus</i>	Fichtel, 2004	Reciprocal recognition of sifaka (<i>Propithecus verreauxi verreauxi</i>) and redfronted lemur (<i>Eulemur fulvus rufus</i>) alarm calls	field	4	8
<i>Eulemur rufifrons</i>	Huebner & Fichtel, 2015	Innovation and behavioral flexibility in wild redfronted lemurs (<i>Eulemur rufifrons</i>)	field	4	29
<i>Eulemur rufifrons</i>	Schnoell & Fichtel, 2012	Wild redfronted lemurs (<i>Eulemur rufifrons</i>) use social information to learn new foraging techniques	field	4	37
<i>Gorilla gorilla</i>	Lonsdorf et al., 2009	An experimental, comparative investigation of tool use in chimpanzees and gorillas	zoo	2	8
<i>Gorilla gorilla</i>	Parron et al., 2008	Behavioural responses to photographs by pictorially naïve baboons (<i>Papio anubis</i>), gorillas (<i>Gorilla gorilla</i>) and chimpanzees (<i>Pan troglodytes</i>)	zoo	NA	2
<i>Gorilla gorilla</i>	Parron et al., 2008	Behavioural responses to photographs by pictorially naïve baboons (<i>Papio anubis</i>), gorillas (<i>Gorilla gorilla</i>) and chimpanzees (<i>Pan troglodytes</i>)	zoo	NA	2
<i>Gorilla gorilla</i>	Pitman & Shumaker, 2009	Does early care affect joint attention in great apes (<i>Pan troglodytes</i> , <i>Pan paniscus</i> , <i>Pongo abelii</i> , <i>Pongo pygmaeus</i> , <i>Gorilla gorilla</i>)?	unknown	NA	7
<i>Hylobates lar</i>	Burkart et al., 2014	The evolutionary origin of human hyper-cooperation	zoo	1	3
<i>Hylobates lar</i>	Burkart et al., 2014	The evolutionary origin of human hyper-cooperation	zoo	1	3

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<i>Hylobates syndactylus</i>	Burkart et al., 2014	The evolutionary origin of human hyper-cooperation	zoo	1	3
<i>Hylobates syndactylus</i>	Burkart et al., 2014	The evolutionary origin of human hyper-cooperation	zoo	1	3
<i>Lagothrix poeppigii</i>	Papworth et al., 2013	Hunted woolly monkeys (<i>Lagothrix poeppigii</i>) show threat-sensitive responses to human presence	field	7	10
<i>Lemur catta</i>	Burkart et al., 2014	The evolutionary origin of human hyper-cooperation	laboratory	1	8
<i>Lemur catta</i>	Burkart et al., 2014	The evolutionary origin of human hyper-cooperation	laboratory	1	8
<i>Lemur catta</i>	Kendal et al., 2010	Evidence for social learning in wild lemurs (<i>Lemur catta</i>)	field	2	28
<i>Lemur catta</i>	Kulahci et al., 2015	Lemurs groom-at-a-distance through vocal networks	field	2	38
<i>Lemur catta</i>	Kulahci et al., 2015	Lemurs groom-at-a-distance through vocal networks	laboratory	2	15
<i>Lemur catta</i>	Nunn & Deaner, 2004	Patterns of participation and free riding in territorial conflicts among ringtailed lemurs (<i>Lemur catta</i>)	laboratory	2	14
<i>Leontopithecus chrysomelas</i>	Burkart et al., 2014	The evolutionary origin of human hyper-cooperation	laboratory	1	6
<i>Leontopithecus chrysomelas</i>	Burkart et al., 2014	The evolutionary origin of human hyper-cooperation	laboratory	1	6
<i>Leontopithecus chrysomelas</i>	Day et al., 2003	Neophilia, innovation and social learning: A study of intergeneric differences in callitrichid monkeys	zoo	3	12
<i>Leontopithecus chrysomelas</i>	de A Moura et al., 2010	Food sharing in lion tamarins (<i>Leontopithecus chrysomelas</i>): does foraging difficulty affect investment in young by breeders and helpers?	unknown	5	24
<i>Leontopithecus chrysomelas</i>	Rapaport, 2001	Food transfer among adult lion tamarins: Mutualism, reciprocity or one-sided relationships?	zoo	1	5
<i>Leontopithecus chrysopygus</i>	Day et al., 2003	Neophilia, innovation and social learning: A study of intergeneric differences in callitrichid monkeys	zoo	2	13
<i>Leontopithecus rosalia</i>	Day et al., 2003	Neophilia, innovation and social learning: A study of intergeneric differences in callitrichid monkeys	zoo	3	28
<i>Leontopithecus rosalia</i>	Rapaport, 2001	Food transfer among adult lion tamarins: Mutualism, reciprocity or one-sided relationships?	zoo	4	16
<i>Lepilemur ruficaudatus</i>	Fichtel, 2007	Avoiding predators at night: Antipredator strategies in red-tailed sportive lemurs (<i>Lepilemur ruficaudatus</i>)	field	7	7
<i>Macaca arctoides</i>	Paukner & Anderson, 2006	Video-induced yawning in stump-tail macaques (<i>Macaca arctoides</i>)	laboratory	5	22
<i>Macaca fascicularis</i>	Gygax, 2000	Hiding behaviour of long-tailed macaques (<i>Macaca fascicularis</i>): II Use of hiding places during aggressive interactions	laboratory	1	30
<i>Macaca fascicularis</i>	Toxopeus et al., 2005	Effects of trait anxiety on performance of socially housed monkeys in a learning test	laboratory	2	15
<i>Macaca fuscata</i>	Burkart & van Schaik, 2013	Group service in macaques (<i>Macaca fuscata</i>), capuchins (<i>Cebus apella</i>) and marmosets (<i>Callithrix jacchus</i>): A comparative approach to identifying proactive prosocial motivations	zoo	1	10

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<i>Macaca fuscata</i>	Burkart et al., 2014	The evolutionary origin of human hyper-cooperation	zoo	1	11
<i>Macaca fuscata</i>	Burkart et al., 2014	The evolutionary origin of human hyper-cooperation	zoo	1	11
<i>Macaca fuscata</i>	Shizawa et al., 2005	Playback experiment to test maternal responses of Japanese macaques (<i>Macaca fuscata</i>) to their own infant's call when the infants were four to six months old	Laboratory	1	12
<i>Macaca mulatta</i>	Bauman et al., 2006	The expression of social dominance following neonatal lesions of the amygdala or hippocampus in rhesus monkeys (<i>Macaca mulatta</i>)	laboratory	4	24
<i>Macaca mulatta</i>	Cheries et al., 2006	Units of visual individuation in rhesus macaques: Objects or unbound features?	field	NA	207
<i>Macaca mulatta</i>	Drea, 2006	Studying primate learning in group contexts: Tests of social foraging, response to novelty, and cooperative problem solving	laboratory	2	55
<i>Macaca mulatta</i>	Dubuc et al., 2012	Social tolerance in a despotic primate: Co-feeding between consortship partners in rhesus macaques	field	1	58
<i>Macaca mulatta</i>	Flombaum & Santos, 2005	Rhesus monkeys attribute perceptions to others	field	8	67
<i>Macaca mulatta</i>	Flombaum et al., 2004	Dynamic object individuation in rhesus macaques: A study of the tunnel effect	field	NA	246
<i>Macaca mulatta</i>	Fugate et al., 2008	Recognition of rhesus macaque (<i>Macaca mulatta</i>) noisy screams: Evidence from conspecifics and human listeners	laboratory	1	12
<i>Macaca mulatta</i>	Gazes et al., 2013	Automated cognitive testing of monkeys in social groups yields results comparable to individual laboratory-based testing	laboratory	1	12
<i>Macaca mulatta</i>	Hauser & Carey, 2003	Spontaneous representations of small numbers of objects by rhesus macaques: Examinations of content and format	field	7	68
<i>Macaca mulatta</i>	Hauser, 2007	When males call, females listen: sex differences in responsiveness to rhesus monkey, <i>Macaca mulatta</i> , copulation calls	field	7.5	58
<i>Macaca mulatta</i>	Hauser, Carey & Hauser, 2000	Spontaneous number representation in semi-free-ranging rhesus monkeys	field	NA	NA
<i>Macaca mulatta</i>	Henkel et al., 2015	Rhesus macaques (<i>Macaca mulatta</i>) recognize group membership via olfactory cues alone	field	6	74
<i>Macaca mulatta</i>	Higham et al., 2011	Familiarity affects the assessment of female facial signals of fertility by free-ranging male rhesus macaques	field	NA	14
<i>Macaca mulatta</i>	Hughes & Santos, 2012	Rotational displacement skills in rhesus macaques (<i>Macaca mulatta</i>)	field	NA	244.5
<i>Macaca mulatta</i>	Ioannou et al., 2015	No strings attached: physiological monitoring of rhesus monkeys (<i>Macaca mulatta</i>) with thermal imaging	sanctuary	1	5
<i>Macaca mulatta</i>	Johnson, 2000	Food-neophobia in semi-free ranging rhesus macaques: Effects of food limitation and food source	laboratory	1	278
<i>Macaca mulatta</i>	Martcorena et al., 2011	Monkeys represent others' knowledge but not their beliefs	field	NA	104.5
<i>Macaca mulatta</i>	Martin & Santos, 2014	The origins of belief representation: Monkeys fail to automatically represent others' beliefs	field	NA	335
<i>Macaca mulatta</i>	Munakata et al., 2001	Visual representation in the wild: how rhesus monkeys parse objects	field	NA	49

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Species	Reference	Title of Article	Environment Type	Number of Groups Tested	Number of Individuals Tested
<i>Macaca mulatta</i>	Pfefferle et al., 2013	Female rhesus macaques discriminate unfamiliar paternal sisters in playback experiments: support for acoustic phenotype matching	field	6	72
<i>Macaca mulatta</i>	Pfefferle et al., 2014	Monkeys spontaneously discriminate their unfamiliar paternal kin under natural conditions using facial cues	field	4	88
<i>Macaca mulatta</i>	Pfefferle et al., 2015	Male rhesus macaques use vocalizations to distinguish female maternal, but not paternal, kin from non-kin	field	6	52
<i>Macaca mulatta</i>	Phillips & Santos, 2007	Evidence for kind representations in the absence of language: Experiments with rhesus monkeys (<i>Macaca mulatta</i>)	field	NA	126
<i>Macaca mulatta</i>	Phillips, Shankar & Santos, 2010	Essentialism in the absence of language? Evidence from rhesus monkeys (<i>Macaca mulatta</i>)	field	NA	251.5
<i>Macaca mulatta</i>	Santos et al., 2002	Object individuation using property/kind information in rhesus macaques (<i>Macaca mulatta</i>)	field	10	78
<i>Macaca mulatta</i>	Santos, Hauser & Spelke, 2001	Recognition and categorization of biologically significant objects by rhesus monkeys (<i>Macaca mulatta</i>): The domain of food	field	9	22.5
<i>Macaca mulatta</i>	Santos, Nissen & Ferrugia, 2006	Rhesus monkeys (<i>Macaca mulatta</i>) know what others can and cannot hear	field	NA	90
<i>Macaca mulatta</i>	Wood et al., 2008	Free-ranging rhesus monkeys spontaneously individuate and enumerate small numbers of non-solid portions	field	6	220
<i>Macaca nigra</i>	Micheletta & Waller, 2012	Friendship affects gaze following in a tolerant species of macaque, <i>Macaca nigra</i>	zoo	1	7
<i>Macaca nigra</i>	Micheletta et al., 2012	Social bonds affect anti-predator behaviour in a tolerant species of macaque, <i>Macaca nigra</i>	field	2	10
<i>Macaca nigra</i>	Micheletta et al., 2015	Facial expression recognition in crested macaques (<i>Macaca nigra</i>)	zoo	1	3
<i>Macaca nigra</i>	Micheletta et al., 2015	Familiar and unfamiliar face recognition in crested macaques (<i>Macaca nigra</i>)	zoo	1	3
<i>Macaca nigra</i>	Neumann et al., 2013	Personality of wild male crested macaques (<i>Macaca nigra</i>)	field	2	37
<i>Macaca radiata</i>	Coss et al., 2007	Threat-related acoustical differences in alarm calls by wild bonnet macaques (<i>Macaca radiata</i>) elicited by python and leopard models	field	3	NA
<i>Macaca radiata</i>	Coss et al., 2007	Threat-related acoustical differences in alarm calls by wild bonnet macaques (<i>Macaca radiata</i>) elicited by python and leopard models	field	1	NA
<i>Macaca radiata</i>	Coss et al., 2007	Threat-related acoustical differences in alarm calls by wild bonnet macaques (<i>Macaca radiata</i>) elicited by python and leopard models	field	4	NA
<i>Macaca radiata</i>	Coss et al., 2007	Threat-related acoustical differences in alarm calls by wild bonnet macaques (<i>Macaca radiata</i>) elicited by python and leopard models	field	2	8.5
<i>Macaca radiata</i>	Mangalam & Singh, 2013	Flexibility in food extraction techniques in urban free-ranging bonnet macaques, <i>Macaca radiata</i>	field	2	32
<i>Macaca radiata</i>	Ramakrishnan & Coss, 2000	Age differences in the responses to adult and juvenile alarm calls by bonnet macaques (<i>Macaca radiata</i>)	field	4	NA
<i>Macaca radiata</i>	Ramakrishnan & Coss, 2000	Age differences in the responses to adult and juvenile alarm calls by bonnet macaques (<i>Macaca radiata</i>)	field	4	NA
<i>Macaca radiata</i>	Ramakrishnan & Coss, 2000	Age differences in the responses to adult and juvenile alarm calls by bonnet macaques (<i>Macaca radiata</i>)	field	3	NA

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<i>Macaca radiata</i>	Ramakrishnan et al., 2005	Snake species discrimination by wild bonnet macaques (<i>Macaca radiata</i>)	field	3	NA
<i>Macaca radiata</i>	Ramakrishnan et al., 2005	Snake species discrimination by wild bonnet macaques (<i>Macaca radiata</i>)	field	4	NA
<i>Macaca radiata</i>	Ramakrishnan et al., 2005	Snake species discrimination by wild bonnet macaques (<i>Macaca radiata</i>)	field	1	NA
<i>Macaca silenus</i>	Burkart et al., 2014	The evolutionary origin of human hyper-cooperation	zoo	1	6
<i>Macaca silenus</i>	Burkart et al., 2014	The evolutionary origin of human hyper-cooperation	zoo	1	6
<i>Macaca sylvanus</i>	Fischer & Hammerschmidt, 2001	Functional referents and acoustic similarity revisited: the case of barbary macaque alarm calls	zoo	3	48-83
<i>Macaca sylvanus</i>	Gustison et al., 2012	An experimental study of behavioural coping strategies in free-ranging female Barbary macaques (<i>Macaca sylvanus</i>)	zoo	1	12
<i>Macaca sylvanus</i>	Pfefferle et al., 2008	Male Barbary macaques eavesdrop on mating outcome: a playback study	zoo	3	18
<i>Macaca sylvanus</i>	Schell et al., 2011	Adult but not juvenile Barbary macaques spontaneously recognize group members from pictures	zoo	3	70
<i>Macaca sylvanus</i>	Teufel et al., 2007	Lack of orienting asymmetries in Barbary macaques: implications for studies of lateralized auditory processing	zoo	3	55
<i>Mandrillus sphinx</i>	Levréro et al., 2015	Social shaping of voices does not impair phenotype matching of kinship in mandrills	laboratory	3	13
<i>Pan paniscus</i>	Bardo et al., 2015	Do bimanual coordination, tool use, and body posture contribute equally to hand preferences in bonobos?	zoo	1	9
<i>Pan paniscus</i>	Boose, White & Meinelt, 2013	Sex differences in tool use acquisition in bonobos (<i>Pan paniscus</i>)	zoo	1	16
<i>Pan paniscus</i>	Clay & Zuberbühler, 2011	Bonobos extract meaning from call sequences	zoo	1	4
<i>Pan paniscus</i>	Cronin et al., 2015	Bonobos show limited social tolerance in a group setting: a comparison with chimpanzees and a test of the relational model	zoo	1	9
<i>Pan paniscus</i>	Pitman & Shumaker, 2009	Does early care affect joint attention in great apes (<i>Pan troglodytes</i> , <i>Pan paniscus</i> , <i>Pongo abelii</i> , <i>Pongo pygmaeus</i> , <i>Gorilla gorilla</i>)?	unknown	NA	3
<i>Pan troglodytes</i>	Bard et al., 2006	Self-awareness in human and chimpanzee infants: What is measured and what is meant by the mark and mirror test?	laboratory	NA	9
<i>Pan troglodytes</i>	Bonnie et al., 2007	Spread of arbitrary conventions among chimpanzees: A controlled experiment	laboratory	2	17
<i>Pan troglodytes</i>	Bonnie et al., 2012	Flexibility and persistence of chimpanzee (<i>Pan troglodytes</i>) foraging behavior in a captive environment	zoo	1	7
<i>Pan troglodytes</i>	Burkart et al., 2014	The evolutionary origin of human hyper-cooperation	zoo	1	29
<i>Pan troglodytes</i>	Burkart et al., 2014	The evolutionary origin of human hyper-cooperation	zoo	1	29
<i>Pan troglodytes</i>	Calcutt et al., 2014	Captive chimpanzees share diminishing resources	zoo	1	7

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<i>Pan troglodytes</i>	Clark & Smith, 2013	Effect of a cognitive challenge device containing food and non-food rewards on chimpanzee well-being	zoo	1	6
<i>Pan troglodytes</i>	Crockford et al., 2012	Wild chimpanzees inform ignorant group members of danger	field	1	33
<i>Pan troglodytes</i>	Crockford et al., 2015	An intentional vocalization draws others' attention: A playback experiment with wild chimpanzees	field	NA	12
<i>Pan troglodytes</i>	Cronin et al., 2014a	Population-level variability in the social climates of four chimpanzee societies	sanctuary	4	91
<i>Pan troglodytes</i>	Dean et al., 2012	Identification of the social and cognitive processes underlying human cumulative culture	laboratory	8	74
<i>Pan troglodytes</i>	Finestone et al., 2014	The interplay between individual, social, and environmental influences on chimpanzee food choices	zoo	1	6
<i>Pan troglodytes</i>	Herbinger et al., 2009	Vocal, gestural, and locomotor responses of wild chimpanzees to familiar and unfamiliar intruders: A playback study	field	3	84
<i>Pan troglodytes</i>	Hopkins et al., 2013	Are chimpanzees really so poor at understanding imperative pointing? Some new data and an alternative view of canine and ape social cognition	laboratory	NA	18
<i>Pan troglodytes</i>	Hopper et al., 2007	Experimental studies of traditions and underlying transmission processes in chimpanzees	laboratory	2	16
<i>Pan troglodytes</i>	Hopper et al., 2011	Chimpanzees' socially maintained food preferences indicate both conservatism and conformity	laboratory	2	12
<i>Pan troglodytes</i>	Hopper et al., 2015	The importance of witnessed agency in chimpanzee social learning of tool use	laboratory	4	19
<i>Pan troglodytes</i>	Hopper et al., 2015	Captive chimpanzee foraging in a social setting: a test of problem solving, flexibility, and spatial discounting	zoo	1	6
<i>Pan troglodytes</i>	Hopper et al., 2015	Chimpanzees create and modify probe tools functionally: A study with zoo-housed chimpanzees	zoo	1	7
<i>Pan troglodytes</i>	Horner et al., 2010	Prestige affects cultural learning in chimpanzees	laboratory	2	14
<i>Pan troglodytes</i>	hou et al., 2007	Now you see me, now you don't: evidence that chimpanzees understand the role of the eyes in attention	laboratory	NA	116
<i>Pan troglodytes</i>	House et al., 2014	Task design influences prosociality in captive chimpanzees (<i>Pan troglodytes</i>)	laboratory	5	18
<i>Pan troglodytes</i>	Hrubesch, Preuschoft & van Schaik, 2009	Skill mastery inhibits adoption of observed alternative solutions among chimpanzees (<i>Pan troglodytes</i>)	sanctuary	2	13
<i>Pan troglodytes</i>	Huffman & Hirata, 2004	An experimental study of leaf swallowing in captive chimpanzees: insights into the origin of a self-medicative behavior and the role of social learning	laboratory	1	6
<i>Pan troglodytes</i>	Huffman et al., 2010	Leaf swallowing behavior in chimpanzees (<i>Pan troglodytes</i>): biased learning and the emergence of group level cultural differences	zoo	2	11
<i>Pan troglodytes</i>	Kendal et al., 2015	Chimpanzees copy dominant and knowledgeable individuals: implications for cultural diversity	laboratory	4	42
<i>Pan troglodytes</i>	Kutsukake et al., 2012	Individual variation in behavioural reactions to unfamiliar conspecific vocalisation and hormonal underpinnings in male chimpanzees	sanctuary	2	14
<i>Pan troglodytes</i>	Leavens et al., 2010	Multimodal communication by captive chimpanzees (<i>Pan troglodytes</i>)	laboratory	NA	55

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<i>Pan troglodytes</i>	Lonsdorf et al., 2009	An experimental, comparative investigation of tool use in chimpanzees and gorillas	zoo	1	7
<i>Pan troglodytes</i>	Massen et al., 2012	Male yawning is more contagious than female yawning among chimpanzees (<i>Pan troglodytes</i>)	zoo	1	15
<i>Pan troglodytes</i>	Massen et al., 2013	A behavioral view on chimpanzee personality: exploration tendency, persistence, boldness, and tool-orientation measured with group experiments	zoo	1	16
<i>Pan troglodytes</i>	Massen et al., 2013	A behavioral view on chimpanzee personality: exploration tendency, persistence, boldness, and tool-orientation measured with group experiments	zoo	1	15
<i>Pan troglodytes</i>	Morimura & Mori, 2010	Effects of early rearing conditions on problem-solving skill in captive male chimpanzees (<i>Pan troglodytes</i>)	sanctuary	2	13
<i>Pan troglodytes</i>	Parron et al., 2008	Behavioural responses to photographs by pictorially naïve baboons (<i>Papio anubis</i>), gorillas (<i>Gorilla gorilla</i>) and chimpanzees (<i>Pan troglodytes</i>)	zoo	NA	3.5
<i>Pan troglodytes</i>	Pitman & Shumaker, 2009	Does early care affect joint attention in great apes (<i>Pan troglodytes</i> , <i>Pan paniscus</i> , <i>Pongo abelii</i> , <i>Pongo pygmaeus</i> , <i>Gorilla gorilla</i>)?	unknown	NA	7
<i>Pan troglodytes</i>	Rawlings, Davila-Ross & Boysen, 2014	Semi-wild chimpanzees open hard-shelled fruits differently across communities	sanctuary	3	56
<i>Pan troglodytes</i>	Russell et al., 2005	Chimpanzee (<i>Pan troglodytes</i>) intentional communication is not contingent upon food	laboratory	NA	46
<i>Pan troglodytes</i>	Russell et al., 2005	Chimpanzee (<i>Pan troglodytes</i>) intentional communication is not contingent upon food	laboratory	NA	13
<i>Pan troglodytes</i>	Schel et al., 2013	Chimpanzee alarm call production meets key criteria for intentionality	field	1	7
<i>Pan troglodytes</i>	Schel et al., 2013	Chimpanzee food calls are directed at specific individuals	field	1	69
<i>Pan troglodytes</i>	Schneider, Melis & Tomasello, 2012	How chimpanzees solve collective action problems	zoo	2	12
<i>Pan troglodytes</i>	Slocombe & Zuberbühler, 2005	Functionally referential communication in a chimpanzee	zoo	1	1
<i>Pan troglodytes</i>	Slocombe, Townsend & Zuberbühler, 2009	Wild chimpanzees (<i>Pan troglodytes schweinfurthii</i>) distinguish between different scream types: evidence from a playback study	field	1	6
<i>Pan troglodytes</i>	Suchak et al., 2014	Ape duos and trios: spontaneous cooperation with free partner choice in chimpanzees	laboratory	1	11
<i>Pan troglodytes</i>	Ushitani, Imura & Tomonaga, 2010	Object-based attention in chimpanzees (<i>Pan troglodytes</i>)	laboratory	1	2
<i>Pan troglodytes</i>	van Leeuwen et al., 2013	Chimpanzees (<i>Pan troglodytes</i>) flexibly adjust their behaviour in order to maximize payoffs, not to conform to majorities	zoo	1	16
<i>Pan troglodytes</i>	van Leeuwen et al., 2013	Chimpanzees (<i>Pan troglodytes</i>) flexibly adjust their behaviour in order to maximize payoffs, not to conform to majorities	sanctuary	1	12
<i>Pan troglodytes</i>	Whiten et al., 2007	Transmission of multiple traditions within and between chimpanzee groups	laboratory	6	56
<i>Pan troglodytes</i>	Whiten, Horner & De Waal, 2005	Conformity to cultural norms of tool use in chimpanzees	laboratory	3	39

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<i>Pan troglodytes</i>	Wilson, Hauser & Wrangham, 2001	Does participation in intergroup conflict depend on numerical assessment, range location, or rank for wild chimpanzees?	field	28	50
<i>Pan troglodytes</i>	Wittig et al., 2014	Triadic social interactions operate across time: a field experiment with wild chimpanzees	field	1	16
<i>Papio anubis</i>	Laidre, 2008	Spontaneous performance of wild baboons on three novel food-access puzzles	field	1	25
<i>Papio anubis</i>	Meunier, Prieur & Vauclair, 2013	Olive baboons communicate intentionally by pointing	laboratory	9	9
<i>Papio anubis</i>	Parron et al., 2008	Behavioural responses to photographs by pictorially naïve baboons (<i>Papio anubis</i>), gorillas (<i>Gorilla gorilla</i>) and chimpanzees (<i>Pan troglodytes</i>)	laboratory	NA	27.5
<i>Papio cynocephalus</i>	Fischer, Cheney & Seyfarth, 2000	Development of infant baboons' responses to grade bark variants	field	1	17
<i>Papio cynocephalus</i>	Kitchen et al., 2003	Female baboons' responses to male loud calls	field	1	12
<i>Papio hamadryas</i>	Crockford et al., 2007	Baboons eavesdrop to deduce mating opportunities	field	1	9
<i>Papio hamadryas</i>	Kitchen et al., 2005	Male chacma baboons (<i>Papio hamadryas ursinus</i>) discriminate loud call contests between rivals of different relative ranks	field	1	10
<i>Papio hamadryas</i>	Kitchen et al., 2013	Male baboon responses to experimental manipulations of loud "wahoo calls": testing an honest signal of fighting ability	field	1	8
<i>Papio hamadryas</i>	Lemasson, Palombit, & Jubin, 2008	Friendship between males and lactating females in a free-ranging group of olive baboons (<i>Papio hamadryas anubis</i>): evidence from playback experiments	field	1	105
<i>Papio hamadryas</i>	Pearson et al., 2015	Crowding increases salivary cortisol but not self-directed behavior in captive baboons	laboratory	1	19
<i>Papio hamadryas</i>	Wittig et al., 2007	Kin-mediated reconciliation substitutes for direct reconciliation in female baboons	field	1	13
<i>Papio hamadryas</i>	Wittig et al., 2007	Vocal alliances in chacma baboons (<i>Papio hamadryas ursinus</i>)	field	1	13
<i>Papio papio</i>	Barbet & Fagot, 2011	Processing of contour closure by baboons (<i>Papio papio</i>)	laboratory	4	19
<i>Papio papio</i>	Bonté, Flemming & Fagot, 2011	Executive control of perceptual features and abstract relations by baboons (<i>Papio papio</i>)	laboratory	1	24
<i>Papio papio</i>	Claidière et al., 2014	Cultural evolution of systematically structured behaviour in a non-human primate	laboratory	1	15
<i>Papio papio</i>	Claidière et al., 2015	Using Automated Learning Devices for Monkeys (ALDM) to study social networks	laboratory	1	22
<i>Papio papio</i>	Fagot & Bonté, 2010	Automated testing of cognitive performance in monkeys: Use of a battery of computerized test systems by a troop of semi-free-ranging baboons (<i>Papio papio</i>)	laboratory	1	20
<i>Papio papio</i>	Fagot & De Lillo, 2011	A comparative study of working memory: Immediate serial spatial recall in baboons (<i>Papio papio</i>) and humans	laboratory	1	2
<i>Papio papio</i>	Fagot & Maugard, 2013	Analogical reasoning in baboons (<i>Papio papio</i>): flexible reencoding of the source relation depending on the target relation	laboratory	1	4

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<i>Papio papio</i>	Fagot & Paleressompoulle, 2009	Automatic testing of cognitive performance in baboons maintained in social groups	laboratory	3	9
<i>Papio papio</i>	Fagot & Parron, 2010	Relational matching in baboons (<i>Papio papio</i>) with reduced grouping requirements	laboratory	3	6
<i>Papio papio</i>	Fagot et al., 2013	Age-Dependant Behavioral Strategies in a Visual Search Task in Baboons (<i>Papio papio</i>) and Their Relation to Inhibitory Control	laboratory	1	18
<i>Papio papio</i>	Fagot et al., 2014	Effects of freely accessible computerized test systems on the spontaneous behaviors and stress level of Guinea baboons (<i>Papio papio</i>)	laboratory	2	9
<i>Papio papio</i>	Flemming, Thompson & Fagot, 2013	Baboons, like humans, solve analogy by categorical abstraction of relations	laboratory	1	8
<i>Papio papio</i>	Goujon & Fagot, 2013	Learning of spatial statistics in nonhuman primates: contextual cueing in baboons (<i>Papio papio</i>)	laboratory	1	25
<i>Papio papio</i>	Huguet et al., 2014	Cognitive control under social influence in baboons	laboratory	NA	11
<i>Papio papio</i>	Maciej et al., 2013	Social monitoring in a multilevel society: a playback study with male Guinea baboons	field	2	12
<i>Papio papio</i>	Marzouki et al., 2014	Baboons' response speed is biased by their moods	laboratory	2	6
<i>Papio papio</i>	Maugard, Marzouki & Fagot, 2013	Contribution of working memory processes to relational matching-to-sample performance in baboons (<i>Papio Papio</i>)	laboratory	1	10
<i>Papio papio</i>	Parron & Fagot, 2010	First- and second-order configural sensitivity for greeble stimuli in baboons	laboratory	1	3
<i>Papio papio</i>	Pope et al., 2015	Baboons (<i>Papio papio</i>), but not humans, break cognitive set in a visuomotor task	laboratory	1	15
<i>Papio ursinus</i>	Bergman & Kitchen, 2009	Comparing responses to novel objects in wild baboons (<i>Papio ursinus</i>) and geladas (<i>Theropithecus gelada</i>)	field	1	78
<i>Papio ursinus</i>	Carter et al., 2012	How not to measure boldness: novel object and antipredator responses are not the same in wild baboons	field	2	57
<i>Papio ursinus</i>	Carter et al., 2014	Personality predicts the propensity for social learning in a wild primate	field	2	55
<i>Papio ursinus</i>	Noser & Byrne, 2015	Wild chacma baboons (<i>Papio ursinus</i>) remember single foraging episodes	field	1	24
<i>Pithecia pithecia</i>	Burkart et al., 2014	The evolutionary origin of human hyper-cooperation	zoo	1	5
<i>Pongo abelii</i>	Forss et al., 2015	Contrasting responses to novelty by wild and captive orangutans	field	NA	28
<i>Pongo abelii</i>	Forss et al., 2015	Contrasting responses to novelty by wild and captive orangutans	zoo	1	7
<i>Pongo abelii</i>	Pitman & Shumaker, 2009	Does early care affect joint attention in great apes (<i>Pan troglodytes</i> , <i>Pan paniscus</i> , <i>Pongo abelii</i> , <i>Pongo pygmaeus</i> , <i>Gorilla gorilla</i>)?	unknown	NA	NA
<i>Pongo abelii</i>	Scheumann & Call, 2006	Sumatran orangutans and a yellow-cheeked crested gibbon know what is where	zoo	1	6
<i>Pongo pygmaeus</i>	Forss et al., 2015	Contrasting responses to novelty by wild and captive orangutans	field	NA	28

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<i>Pongo pygmaeus</i>	Lehner et al., 2011	Can captive orangutans (<i>Pongo pygmaeus abelii</i>) be coaxed into cumulative build-up of techniques?	zoo	1	7
<i>Pongo pygmaeus</i>	Pitman & Shumaker, 2009	Does early care affect joint attention in great apes (<i>Pan troglodytes</i> , <i>Pan paniscus</i> , <i>Pongo abelii</i> , <i>Pongo pygmaeus</i> , <i>Gorilla gorilla</i>)?	unknown	NA	NA
<i>Presbytis thomasi</i>	Wich & de Vries, 2006	Male monkeys remember which group members have given alarm calls	field	12	12
<i>Presbytis thomasi</i>	Wich & Sterck, 2003	Possible audience effect in Thomas langurs (primates; <i>Presbytis thomasi</i>): An experimental study on male loud calls in response to a tiger model	field	12	12
<i>Presbytis thomasi</i>	Wich et al., 2002	Playbacks of loud calls to wild Thomas langurs (Primates; <i>Presbytis thomasi</i>): the effect of location	field	12	NA
<i>Presbytis thomasi</i>	Wich et al., 2004	Thomas langurs (<i>Presbytis thomasi</i>) discriminate between calls of young solitary versus older group-living males: a factor in avoiding infanticide?	field	10	NA
<i>Propithecus verreauxi</i>	Fichtel & Kappeler, 2002	Anti-predator behavior of group-living Malagasy primates: mixed evidence for a referential alarm call system	field	4	6
<i>Propithecus verreauxi</i>	Fichtel, 2005	Reciprocal recognition of sifaka (<i>Propithecus verreauxi verreauxi</i>) and redfronted lemur (<i>Eulemur fulvus rufus</i>) alarm calls	field	4	8
<i>Propithecus verreauxi</i>	Fichtel, 2008	Ontogeny of conspecific and heterospecific alarm call recognition in wild verreaux's sifakas (<i>Propithecus verreauxi verreauxi</i>)	field	12	19
<i>Rhinopithecus roxellana</i>	Fu et al., 2013	Free-ranging Sichuan snub-nosed monkeys <i>Rhinopithecus roxellana</i> : Neophobia, neophilia, or both?	field	1	24
<i>Saguinus fuscicollis</i>	Bicca-Marques & Garber, 2004	Use of spatial, visual, and olfactory information during foraging in wild nocturnal and diurnal anthropoids: A field experiment comparing <i>Aotus</i> , <i>Callicebus</i> , and <i>Saguinus</i>	field	2	9
<i>Saguinus fuscicollis</i>	Bradley & McClung, 2015	Vocal divergence and discrimination of long calls in tamarins: a comparison of allopatric populations of <i>Saguinus fuscicollis nigrifrons</i> and <i>S. f. lagonotus</i>	field	5	NA
<i>Saguinus fuscicollis</i>	Hardie & Buchanan-Smith, 2000	Responses of captive single- and mixed-species groups of <i>Saguinus</i> to novel nonthreatening objects	zoo	7	25
<i>Saguinus fuscicollis</i> & <i>Saguinas mystax</i>	Kirchhof & Hammerschmidt, 2006	Functionally referential alarm calls in tamarins (<i>Saguinus fuscicollis</i> and <i>S. mystax</i>) - evidence from playback experiments	field	3	21
<i>Saguinus imperator</i>	Bicca-Marques & Garber, 2004	Use of spatial, visual, and olfactory information during foraging in wild nocturnal and diurnal anthropoids: A field experiment comparing <i>Aotus</i> , <i>Callicebus</i> , and <i>Saguinus</i>	field	2	10
<i>Saguinus imperator</i>	Day et al., 2003	Neophilia, innovation and social learning: A study of intergeneric differences in callitrichid monkeys	zoo	3	9
<i>Saguinus labiatus</i>	Hardie & Buchanan-Smith, 2000	Responses of captive single- and mixed-species groups of <i>Saguinus</i> to novel nonthreatening objects	zoo	6	21
<i>Saguinus oedipus</i>	Burkart et al., 2014	The evolutionary origin of human hyper-cooperation	laboratory	1	5
<i>Saguinus oedipus</i>	Campbell & Snowdon, 2009	Can auditory playback condition predator mobbing in captive-reared <i>Saguinus oedipus</i> ?	laboratory	1	6
<i>Saguinus oedipus</i>	Day et al., 2003	Neophilia, innovation and social learning: A study of intergeneric differences in callitrichid monkeys	zoo	1	4

Table S1. The publications that tested primate cognition in a social setting published between 2000 and 2015 (inclusive), with one entry per unique combination of environment type and species per publication.

Species	Reference	Title of Article	Environment Type	Number of Groups Tested	Number of Individuals Tested
<i>Saguinus oedipus</i>	Matthews & Snowdon, 2011	Long-term memory for calls of relatives in cotton-top tamarins (<i>Saguinus oedipus</i>)	laboratory	NA	22
<i>Saguinus oedipus</i>	Roush & Snowdon, 2000	Quality, quantity, distribution and audience effects on food calling in cotton-top tamarins	laboratory	7	NA
<i>Saguinus oedipus</i>	Snowdon & Boe, 2003	Social communication about unpalatable foods in tamarins (<i>Saguinus oedipus</i>)	laboratory	8	44
<i>Saguinus oedipus</i>	Zahed et al., 2008	Male parenting and response to infant stimuli in the common marmoset (<i>Callithrix jacchus</i>)	laboratory	15	15
<i>Saimiri boliviensis</i>	Hopper et al., 2013	Dissecting the mechanisms of squirrel monkey (<i>Saimiri boliviensis</i>) social learning	laboratory	3	34
<i>Saimiri sciureus</i>	Burkart et al., 2014	The evolutionary origin of human hyper-cooperation	zoo	1	19
<i>Saimiri sciureus</i>	Claidière et al., 2013	Diffusion dynamics of socially learned foraging techniques in squirrel monkeys	zoo	2	27
<i>Saimiri sciureus</i>	McCowan & Newman, 2000	The role of learning in chuck call recognition by squirrel monkeys (<i>Saimiri sciureus</i>)	laboratory	3	17
<i>Saimiri sciureus</i>	Soltis et al., 2002	Squirrel monkey chuck call: vocal response to playback chucks on acoustic structure and affiliative relationship with caller	laboratory	2	10
<i>Sapajus libidinosus</i>	Fragaszy et al., 2013	Wild bearded capuchin monkeys (<i>Sapajus libidinosus</i>) strategically place nuts in a stable position during nut-cracking	field	1	10
<i>Sapajus libidinosus</i>	Howard et al., 2015	Landscape influences on the natural and artificially manipulated movements of bearded capuchin monkeys	field	1	8
<i>Simias concolor</i>	Yorzinski & Ziegler, 2007	Do naïve primates recognize the vocalizations of felid predators?	field	NA	88
<i>Theropithecus gelada</i>	Bergman & Kitchen, 2009	Comparing responses to novel objects in wild baboons (<i>Papio ursinus</i>) and geladas (<i>Theropithecus gelada</i>)	field	3	79
<i>Theropithecus gelada</i>	Bergman, 2010	Experimental evidence for limited vocal recognition in a wild primate: implications for the social complexity hypothesis	field	4	18
<i>Theropithecus gelada</i>	le Roux & Bergman, 2012	Indirect rival assessment in a social primate, <i>Theropithecus gelada</i>	field	NA	35
<i>Varecia variegata</i>	Burkart et al., 2014	The evolutionary origin of human hyper-cooperation	laboratory	1	6
<i>Varecia variegata</i>	Stoinski, Drayton & Price, 2011	Evidence of social learning in black-and-white ruffed lemurs (<i>Varecia variegata</i>)	zoo	1	8