

	Temporal Analysis			Static Analysis										
	blonder2011time	jeansonson2012long	mersch2013tracking	naug2007	otterstatter2007contact	naug2008structure	naug2009structure	sendova2010	pinter2011effect	scholl2011olfactory	waters2012information	baracchi2014socio	greenwald2015ant	quevillon2015social
Tracking														
automatic		x	x		x				x				x	
manual	x			x		x	x	x		x	x	x		x
Species														
	A	A	A	HB	BB	HB	W	A	A	HB	A	HB	A	A
(1) Time														
Total duration of study	3w	3w	41d	1d	40d		24d (6)	1d	1d	3w	1d	1d	1d	8d (5)
Observation period	2x 30m	3x7x 24h	41x 24h	1h	40x 12h (4)	1h	24x 45x5m	30m	5m	3x 1h	2h	10h	30m	8x 30m
Sampling resolution***	v/e	1 f/s	2 f/s	v/e	30 f/s	v/e	v/e	1 f/m	30 f/s	v/e	15 f/s	1 f/m	v/e	v/e
(2) Space*														
1-frame hive												x (3)		
2-frame hive				x (2)		x(4)				x				
(3) Size														
Number of colonies	4	4	6	1	7	1	9	4	2	1	2	1	2(1)	2
Colonie size**	6-90	55-58	122-192	4000	5-7	1000	8-40	42-95	131, 72	1500	89	4000	50-100	75
Marked individuals	x	x	x		x		x	x	x		x	211	x	x
Marked cohorts				6		4				3				
Age			x	x		x				x		x		
Analysis Tools in R														
igraph	x										x			x
t-net		x												
timeordered	x													
Other Tools: netdraw, cytoscape, UCINET, FANMOD														

(1) two species	(5) night	A = Ant	* only for honey bees
(2) only video for one side	(6) Each sampling day consisted of three sessions of 2 h each between 0630 and 1830 hours. in each session 15x5-min all-occurrence samplings were carried out resulting.	BB = Bumble Bee	** Mean or range if > 2
"(entrance designed so foragers should unload here)		HB = Honey bee	*** indicates all marked/tracked, if number, just subset
(3) only one side observed		W = Wasp	**** v=video, e=event, if no resolution given or manual video analysis was used
(4) 6 day and 6 night"			