	Temporal Analysis			Static Analysis											
	blonder2011time	jeanson2012long	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

(2) only video for one side
"(entrance desiged so foragers should unload here)
(3) only one side observed
(4) 6 day and 6 night"

(5) night

(6) Each sampling day consisted of three sessions of 2 h each between 0630 and 1830 hours. in each session15 5-min all-occurrence samplings were carried out resulting.

A = Ant

BB = Bumble Bee
"HB = Honey bee
W = Wasp"

* only for honey bees

** Mean or range if > 2
**** v=video, e=event, if no resolution given or manual video analysis was used