

No.	Bee	Common name	Comment	Hyperlink to image	1999**	2000*	2006*	2007*	2015***	2018 ¹	2019*
1	<i>Nomada goodeniana</i>	Gooden's nomad bee	Is a nest parasite of <i>Andrena nigroaenea</i> (source www.habitas.org.uk)	https://www.bwars.com/bee/apidae/nomada-goodeniana	√	√	√	√			√
2	<i>Nomada flavopicta</i>	Blunthorn nomad		https://www.flickr.com/photos/63075200@N07/sets/72157633441268055					√		
3	<i>Nomada fucata</i>		Parasities the nests of <i>Andrena flavipes</i> (source www.bwars.com)	http://www.bwars.com/index.php?q=bee/apidae/nomada-fucata	√	√	√	√	√		√
4	<i>Nomada lathburiana</i>		Cleptoparasite of <i>Andrena cineraria</i> (source www.bwars.com)	http://www.bwars.com/index.php?q=bee/apidae/nomada-lathburiana	√	√	√	√			√
5	<i>Sphecodes monilicornis</i>	Square-headed blood bee	Attacks the nests of <i>Lasioglossum malachurum</i> (source www.eakringbirds.com)	https://www.flickr.com/photos/63075200@N07/sets/72157638183768695/	√	√	√	√			√
6	<i>Lasioglossum parvulum</i>	Smooth-gastered furrow bee	A putative host of several cleptoparasitic bees, including <i>Sphecodes geoffrellus</i> (Kirby), <i>S. crassus</i> Thomson, <i>S. miniatus</i> von Hagens, <i>S. ephippius</i> (Linnaeus) and <i>Nomada sheppardana</i> (Kirby). Specimens are occasionally collected carrying females of the stylons <i>Halictoxenos</i> . (source www.bwars.com)	https://www.flickr.com/photos/63075200@N07/sets/72157649405511616/	√			√			
7	<i>Andrena fulva</i>	Tawny mining bee	<i>Nomada panzeri</i> Lepelletier and <i>N. signata</i> Jurine are cleptoparasites of this bee (source www.bwars.com)	http://www.bwars.com/index.php?q=bee/andrenidae/andrena-fulva&page=1	√		√				√
8	<i>Andrena wilkella</i>	Small white-haired bee or Wilke's mining bee	<i>Nomada striata</i> Fabricius is a cleptoparasite of this species (source www.bwars.com)	https://www.flickr.com/photos/63075200@N07/sets/72157639396785955/	√	√	√				
9	<i>Andrena tibialis</i>			http://www.commanster.eu/commanster/Insects/Bees/WBees/Andrena.tibialis.html	√						

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10	<i>Andrena pubescens/Andrena nitida</i>	Grey patched mining bee	There has been considerable confusion over the correct name to apply to this distinctive species, <i>A. nitida</i> or <i>A. pubescens</i> . It is possible that the cuckoo-bee <i>Nomada goodeniana</i> parasitises this species. It is known to be parasitised by the Strepsipteran <i>Stylops melittae</i> , but this is not very frequent. (source www.bwars.com)	https://www.flickr.com/photos/63075200@N07/sets/72157639922243985/	√	√	√	√			√
11	<i>Andrena cineraria</i>	Ashy mining bee/ Grey mining bee	See <i>Nomada lathburiana</i>	http://www.bwars.com/index.php?q=bee/andrenidae/andrena-cineraria	√	√	√	√			√
12	<i>Andrena flavipes</i>	Yellow legged mining bee	See <i>Nomada fucata</i>	http://www.bwars.com/sites/www.bwars.com/files/info_sheet_s/Andrena_flavipes_infosheet.pdf	√	√	√	√	FV		√
13	<i>Andrena humilis</i>		The cleptoparasitic bee <i>Nomada Integra</i> is specifically associated with this species (source www.bwars.com)	http://www.bwars.com/index.php?q=bee/andrenidae/andrena-humilis	√	√	√	√			√
14	<i>Andrena angustior</i>	Groove faced mining bee		https://www.flickr.com/photos/63075200@N07/sets/72157640599506795/		√		√			
15	<i>Andrena armata</i>		A cleptoparasite of the mining bee <i>Andrena hattorfiana</i>	http://www.bwars.com/index.php?q=bee/apidae/nomada-armata		√					
16	<i>Andrena bicolor</i>	Gwynne's mining bee				√	√	√			
17	<i>Andrena haemorrhoa</i>	Early mining bee		http://www.eakingbirds.com/eakingbirds2/insectinfocusandrenahaemorrhoa.htm		√	√				√
18	<i>Andrena labiata</i>	Red girdled mining bee	The rare bee <i>Nomada guttulata</i> Schenck is a known cleptoparasite of <i>A. Labiata</i> (from www.bwars.com)	https://www.flickr.com/photos/63075200@N07/sets/72157640840109505/		√					
19	<i>Andrena ovulata</i>					√		√	√		
20	<i>Andrena scotica</i>			https://www.bwars.com/bee/andrenidae/andrena-scotica		√	√		F		√
21	<i>Lasioglossum calceatum</i>	Common furrow bee		https://www.flickr.com/photos/63075200@N07/sets/72157644556593443/		√	√		√		√

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22	Lasioglossum leucozonium	Sweat bee	There are no host-specific Sphecodes on L. leucozonium but S. ephippius will parasitize this species and other Lasioglossum. (source www.bwars.com)	http://www.bwars.com/index.php?q=bee/halictidae/lasioglossum-leucozonium		√	√	√	√		√
23	Lasioglossum punctatissimum	Long faced furrow bee		http://www.bwars.com/index.php?q=bee/halictidae/lasioglossum-punctatissimum		√	√				
24	Sphecodes crassus	Swollen thighed blood bee		https://www.flickr.com/photos/63075200@N07/sets/72157638185052253/		√		√			√
25	Sphecodes reticulatus	Reticulate blood bee		https://www.flickr.com/photos/63075200@N07/sets/72157638183534895/		√	√				
26	Panurgus banksianus			http://www.bwars.com/index.php?q=bee/andrenidae/panurgus-banksianus		√		√	√		√
27	Hylaeus hyalinatus	Hairy yellow face or Hyaline masked bee	A plasterer bee	https://www.flickr.com/photos/63075200@N07/sets/72157633244619676/		√					
28	Colletes succinctus		A plasterer bee	http://www.bwars.com/sites/www.bwars.com/files/info_sheets/19_Colletes_succinctus_1col_infosheet.pdf		√	√	√			√
29	Anthophora bimaculata	Little flower bee		https://www.flickr.com/photos/63075200@N07/sets/72157633022125950/		√	√	√	√		√
30	Anthophora furcata	Fork tailed flower bee		http://www.bwars.com/sites/www.bwars.com/files/info_sheets/17_Anthophora_furcata_20110725.pdf					F		
31	Hoplitis claviventris	Wetted less mason bee		https://www.flickr.com/photos/63075200@N07/sets/72157633188189556/		√	√				
32	Megachile willughbiella	Leafcutter bee or Willughby's leafcutter		https://www.flickr.com/photos/63075200@N07/sets/72157633292003942/		√	√	√			
33	Nomada fabriciana			http://www.bwars.com/index.php?q=bee/apidae/nomada-fabriciana		√	√				√

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34	Nomada flava			https://www.flickr.com/photos/63075200@N07/sets/72157633441342695/		√					
35	Nomada flavoguttata			http://www.wildebijen.nl/nomada_flavoguttata.html		√	√	√			√
36	Nomada guttulata		A cleptoparasite of the mining bee <i>Andrena labiata</i>	http://www.bwars.com/index.php?q=bee/apidae/nomada-guttulata		√					
37	Nomada integra		Well known as a cleptoparasite of <i>Andrena humilis</i> (source www.bwars.com)	http://www.bwars.com/index.php?q=bee/apidae/nomada-integra		√	√	√			
38	Nomada marshamella	Marsham's nomad	This species is mainly a cleptoparasite of <i>Andrena carantonica</i> (source www.bwars.com)	https://www.flickr.com/photos/63075200@N07/sets/72157633464651197/		√					√
39	Nomada panzeri	Panzer's nomad		https://www.flickr.com/photos/63075200@N07/sets/72157633480087210/		√					
40	Nomada ruficornis	Bifid jawed nomad or Common bee wasp	The Bee Wasp larvae eat the larvae of the host bee. This species of Bee Wasp often targets <i>Andrena haemorrhua</i> (source www.naturespot.org.uk).	https://www.flickr.com/photos/63075200@N07/sets/72157633479986400/		√	√	√			
41	Nomada rufipes		The female bee lays her eggs in provisioned cells inside the underground nests of its hosts, which are bees of the <i>Andrena denticulata</i> group (source www.bwars.com)	http://www.bwars.com/index.php?q=bee/apidae/nomada-rufipes		√	√	√			√
42	Bombus hypnorum	Tree bee		http://www.bwars.com/index.php?q=bee/apidae/bombus-hypnorum					F		√
43	Bombus lapidarius	Large red tailed bumble bee		http://www.bwars.com/index.php?q=bee/apidae/bombus-lapidarius		√	√	√	√		√
44	Bombus lucorum		In recent years it has become apparent that the bee known as <i>B. lucorum</i> (Linnaeus, 1761) is in fact a species complex, containing two other species - <i>B. magnus</i> and <i>B. cryptarum</i> . Separation of the three species is very difficult, so that definitive records for any of the three species are rare. (source www.bwars.com)			√					√
45	Bombus pascuorum	Common carder bee		http://www.bwars.com/index.php?q=bee/apidae/bombus-pascuorum		√	√	√	√		√

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46	<i>Bombus pratorum</i>			http://www.bwars.com/index.php?q=bee/apidae/bombus-pratorum		√	√				
47	<i>Bombus terrestris</i>	Buff tailed bumble bee		http://www.bwars.com/index.php?q=bee/apidae/bombus-terrestris		√	√	√	FV		√
48	<i>Bombus vestalis</i>			http://www.bwars.com/index.php?q=bee/apidae/bombus-vestalis		√	√	√			√
49	<i>Apis mellifera</i>	Western honey bee		https://www.bwars.com/bee/apidae/apis-mellifera		√		√	√		√
50	<i>Andrena chrysoceles</i>	Hawthorn mining bee		https://www.flickr.com/photos/63075200@N07/sets/72157640849883643/			√				
51	<i>Andrena dorsata</i>	Short fringed mining bee		http://www.naturespot.org.uk/species/andrena-dorsata			√	√	√		
52	<i>Andrena labialis</i>	Large meadow mining bee		http://www.bwars.com/index.php?q=bee/andrenidae/andrena-labialis			√				
53	<i>Andrena subopaca</i>	Impunctate mini mining bee		https://www.flickr.com/photos/63075200@N07/sets/72157639398441074/			√				√
54	<i>Andrena trimmerana</i>			http://www.bwars.com/index.php?q=bee/andrenidae/andrena-trimmerana			√				
55	<i>Bombus hortorum</i>	Small garden bumble bee		http://www.bwars.com/index.php?q=bee/apidae/bombus-hortorum			√				√
56	<i>Halictus tumulorum</i>	Common bronze furrow bee		https://www.flickr.com/photos/63075200@N07/sets/72157633240390817/			√	√			√
57	<i>Hylaeus annularis</i>			http://www.bwars.com/index.php?q=bee/colletidae/hylaeus-annularis			√	√			
58	<i>Hylaeus communis</i>	Common yellow face		https://www.flickr.com/photos/63075200@N07/sets/72157633244773926/			√		F		
59	<i>Lasioglossum lativentre</i>	Furry claspered furrow bee		https://www.flickr.com/photos/63075200@N07/sets/72157648811948039/			√				
60	<i>Lasioglossum leucopus</i>			http://www.bwars.com/index.php?q=bee/halictidae/lasioglossum-leucopus			√				

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61	<i>Lasioglossum morio</i>	Brassy mining bee		http://www.bwars.com/index.php?q=bee/halictidae/lasioglossum-morio			√	√	FV		√
62	<i>Lasioglossum parvulum</i>			http://www.bwars.com/index.php?q=bee/halictidae/lasioglossum-parvulum			√				√
63	<i>Lasioglossum rufitarse</i>			http://www.bwars.com/index.php?q=bee/halictidae/lasioglossum-rufitarse			√				
64	<i>Lasioglossum smeathmanellum</i>	Smeathman's furrow bee	A bee with a blue-green sheen over the thorax and abdomen	http://www.bwars.com/index.php?q=bee/halictidae/lasioglossum-smeathmanellum					√		
65	<i>Lasioglossum villosulum</i>	Shaggy mining bee or Sparse punctured furrow bee		https://www.flickr.com/photos/63075200@N07/sets/72157647904939601/			√	√	√		√
66	<i>Megachile ligniseca</i>	Wood carving leaf cutter		https://www.flickr.com/photos/63075200@N07/sets/72157633280819223/			√				
67	<i>Nomada striata</i>	A cleptoparasite of <i>Andrena wilkella</i> (source www.bwars.com)		https://www.flickr.com/photos/63075200@N07/sets/72157633464238547/			√	√			
68	<i>Sphecodes ephippius</i>	Bare saddled blood bee		https://www.flickr.com/photos/63075200@N07/sets/72157638183685295/			√	√			√
69	<i>Sphecodes geoffrellus</i>			http://www.wildebijen.nl/sphecodes_geoffrellus.html			√	√	F		
70	<i>Andrena fulvago</i>	Hawksbeard mining bee		https://www.flickr.com/photos/63075200@N07/sets/72157640845935815/				√			
71	<i>Andrena minutula</i>	Common mini mining bee		https://www.flickr.com/photos/63075200@N07/sets/72157639393479716/				√			√
72	<i>Andrena semilaevis</i>	Shiny margined mining bee		https://www.flickr.com/photos/63075200@N07/sets/72157639398512484/				√			
73	<i>Chelostoma campanularum</i>	Harebell carpenter bee		http://www.bwars.com/index.php?q=bee/megachilidae/chelostoma-campanularum				√	F		
74	<i>Colletes similis</i>	Bare saddled colletes		https://www.flickr.com/photos/63075200@N07/sets/72157636022066913/				√			√
75	<i>Hylaeus cornutus</i>	Spined hylaeus		https://www.flickr.com/photos/63075200@N07/sets/72157633239899979/				√			

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76	<i>Hylaeus dilatatus</i>	Chalk Yellow Face		http://www.bwars.com/index.php?q=bee/colletidae/hylaeus-dilatatus					√		√
77	<i>Ceratina cyanea</i>	Blue carpenter bee		https://www.flickr.com/photos/63075200@N07/sets/72157633009584545/					√		
78	<i>Colletes hederæ</i>	Ivy bee	Identified by Rupert Higgins	https://www.flickr.com/photos/63075200@N07/sets/72157636022153124/						√	
79	<i>Andrena fuscipes</i>	Heather mining bee	The cuckoo-bee <i>Nomada rufipes</i> Fabricius parasitises this species. (source www.bwars.com)	https://www.bwars.com/bee/andrenidae/andrena-fuscipes							√
80	<i>Andrena nigroaenea</i>	Buffish mining bee	<i>Nomada goodeniana</i> (Kirby) is a cleptoparasite on this species (source www.bwars.com)	https://www.bwars.com/bee/andrenidae/andrena-nigroaenea							√
81	<i>Halictus rubicundus</i>	Orange-legged Furrow-bee	Two cleptoparasitic bees attack this species: <i>Sphecodes gibbus</i> and <i>S. monilicornis</i> . It is also recorded as being attacked by the conopid fly <i>Zodion cinereum</i> (K G V Smith 1969). (Source www.bwars.com)	https://www.bwars.com/bee/halictidae/halictus-rubicundus							√
82	<i>Lasioglossum malachurum</i>	Sharp-collared Furrow-bee	L Packer (pers. comm.) has excavated the cleptoparasite, <i>Sphecodes monilicornis</i> (Kirby) and larvae of the oil beetle <i>Meloe proscarabaeus</i> Linnaeus from nest burrows of this bee on the Isle of Wight. (source www.bwars.com)	https://www.bwars.com/bee/halictidae/lasioglossum-malachurum							√
83	<i>Lasioglossum minutissimum</i>	Least Furrow-bee	The bee <i>Sphecodes longulus</i> von Hagens is a recorded cleptoparasite of <i>Lasioglossum minutissimum</i> . (source www.bwars.com)	https://www.bwars.com/bee/halictidae/lasioglossum-minutissimum							√

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84	<i>Sphecodes gibbus</i>	Dark-winged Blood-bee	The larvae are cleptoparasitic on larger bees of the genera <i>Halictus</i> and <i>Lasioglossum</i> . An adult female <i>Sphecodes</i> bee enters the burrow of a host bee and searches out an almost completed cell of the host where it lays its egg. Some female <i>Sphecodes</i> are apparently unique among cleptoparasitic bees in that they remove (eat?) the host egg before laying their own (see, for example, Stephen, Bohart & Torchio, 1969). (source www.bwars.com)	https://www.bwars.com/bee/halictidae/sphecodes-gibbus							v
Totals of species recorded					12	43	50	41	24	1	44

Key:

- * - Surveys by David Gibbs; the full reports can be viewed on <http://www.troopers-hill.org.uk/info.htm>
- ** - observations listed in the appendix to the 1999 management plan, see <http://www.troopers-hill.org.uk/info.htm>
- *** - Recorded by David Notton, Senior Curator, Hymenoptera, Natural History Museum, report on <http://www.troopers-hill.org.uk/Flora/bees/DavidNotton2015.pdf>
- ¹ - observation by Rupert Higgins, Wessex Ecological Consultancy