

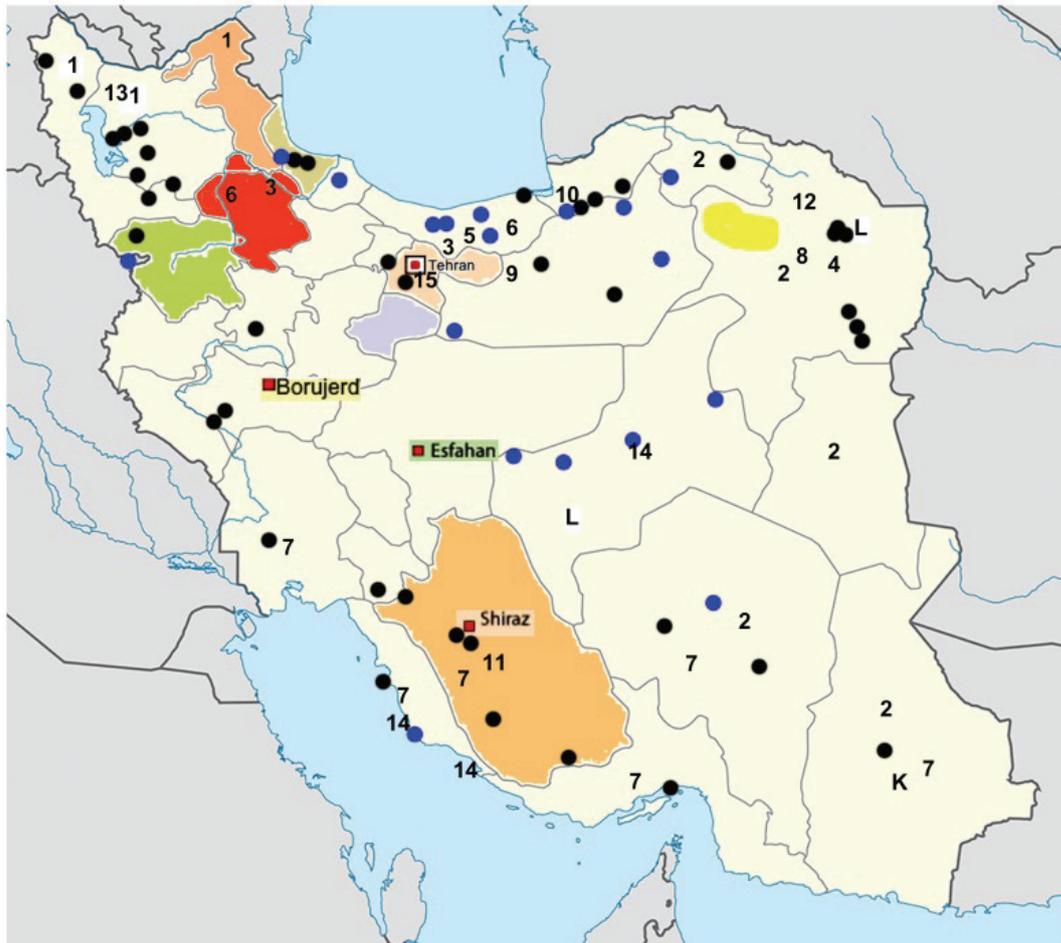
Supplementary Material to:

Further records of ants (Hymenoptera: Formicidae) from Iran

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Giti Abolfathi, Rezvan Afshari, Fatemeh Borjali, Maryam Ghatei, Fouzihe Hediary,
Farzaneh Jazini, Vala Heidary Kiah, Zeynab Mahmoudi, Fatemeh Safariyan and
Maryam Seiri

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New collection areas

- | | | | |
|--|---|--|---|
| Ardabil - Aram | Borujerd - Abolfathi | Esfahan - Afshari | |
| Gilan - Borjali & Ghatei | Fars - Heidary | Shiraz - Torabi | Qom - Kia |
| Kurdistan - Safariyan | Tehran Province - Seiri | Tehran - Jazini & Mahmoodi | |

Prior collection areas (provinces indicated)

- | | |
|--|--|
| Zanjan - Moradloo (2015) | Khorasan Razavi - Nafisi Fard (2015) |
|--|--|
- Locations shown by Paknia *et al* (2008) ● Paknia *et al* (2010)
- 1 = Ghahari *et al* (2011) 2 = Ghahari *et al* (2015) 3 = Firouzi *et al.* (2011)
L = Latibari *et al* (2017) K = Kamran *et al* (2006)
4 = Hosseini *et al* (2015) 5 = Hosseinnezhad (2014) 6 = Hosseinnezhad *et al* (2012)
7 = Ghahari & Collingwood (2011) 8 = Kiran *et al* (2013) 9 = Makhan *et al* (2011)
10 = Mirzamohmadi *et al* (2015) 11 = Mohammadi *et al* (2012) 12 = Mortazavi *et al* (2015)
13 = Lotfalizadeh (2008) 14 = Radchenko & Paknia (2010) 15 = Radchenko & Alipanah (2004)

Figure S1. Overview of the present and historic collecting study sites of ants in Iran.

Table S1. Full collection records of ants from Iran by the present authors. Identifications all checked by B. Taylor.

Collectors and collecting areas

The overall distribution of the following study areas in Iran is shown on Fig. 1, together with the approximate positions of the earlier collections listed above (see also the References). The individual sampling stations were selected by altitude and variety of ecosystems. The full collecting details are given in Annex 1, Tables 1, 2 & 3, and the maps, Figs 2-13.

Collector Ebrahim Aram. Ardabil Province, northwest Iran. 38.2537° N 48.3000° E, altitude ca. 1351 m, climate cold and semi-arid. Ten sampling stations shown on Fig 2.

Collector Giti Abolfathi. Lorestan Province, Borujerd City, western Iran. 32-34° N 46-51° E, altitude ca. 500 m, climate sub-humid. Borujerd City, 33.9° N, 48.8° E, altitude 1620 m. climate cold highland. Ten sampling stations shown on Fig 3.

Collector Rezvan Afshari. Isfahan Province, northwest Iran. 42.3151° N 51.173° E, altitude ca. 2500 m, climate cold steppe, moderate rainfall. Twelve sampling stations shown on Fig 4.

Collector Fatemeh Borjali. Gilan Province. 48°34' to 50°36' N 36°34' to 38°27' E. average altitude low, climate humid subtropical. Fourteen sampling stations shown on Fig 5.

Collector Maryam Ghatei. Gilan Province. 48°34' to 50°36' N 36°34' to 38°27' E, altitude low, climate humid subtropical. Fifteen sampling stations shown on Fig 6.

Collector Fouzihe Heidary. Fars Province. 27°31' N 50°55' E, high land, climate high land, moderate, hot and semiarid, Lamerd City, 52.54° 27.28° E, altitude 450-500 m, hot and semiarid climate. Nine sampling stations shown on Fig 7.

Collector Farzaneh Jazini. Tehran City, Tehran Province, 35.36° to 35.44° N 51.17° to 51.33° E, altitude 900-1800 m, climate semi arid, steppe. Ten sampling stations shown on Fig 8.

Collector Vala Heidary Kiah. Qom Province. 34.3515° N 50.30° to 51.30° E, altitude 1500 m, climate hot desert. Fifteen sampling stations shown on Fig 9.

Collector Zeynab Mahmoudi. Tehran City, Tehran Province. 35.36° to 35.44° N 51.17° to 51.33° E, altitude 900-1800 m, climate semi arid, steppe. Ten sampling stations shown on Fig 10.

Collector Fatemeh Safariyan. Kurdistan Province. 34.45° to 36.28° N 45.34° to 48.14° E, altitude, high being the most mountainous region in Iran, climate Mediterranean, mild spring and summer with cold to very cold winters. Eleven sampling stations shown on Fig 11.

Collector Maryam Seiri. Tehran Province, rural areas. 35.36° to 35.44° N 51.17° to 51.33° E, altitude 900-1800 m, climate semi arid, steppe. Ten sampling stations shown on Fig 12.

Collector Roshanak Torabi. Fars Province. 27.31° N 50.55° E, high land, climate, moderate, hot and semiarid. Shiraz City, 29.36° N 52.32° E, altitude 1480-1670 m, climate hot and semiarid. Eighteen sampling stations are shown on Fig 13.

Table S2. New ant records

Species	Collection No	Date	Coordinates	Locality	Habitat & Notes
<i>Aphaenogaster gibbosa</i>	M Ghatei 35	22.vi.2014	37.98°N 49.24°E, 58 m	Shaft, Guilan	hand collected, park, under soil, 0935h, 1
	F Borjali 17	17.vii.2014	37°1297 N 49°5842 E, 9 m	Lahijan	hand collected, field, on ground, 1115h, 1
	F Borjali 19	6.ix.2014	36°9736 N 50°5700 E, 216 m	Chaboksar	hand collected, forest, on soil, 1045h, 1
<i>Aphaenogaster subterranea</i>	F Borjali 20	30.iv.2014	37°1297 N 49°5842 E, 9 m	Lahijan	hand collected, field, on ground, 1115h, 1
<i>Aphaenogaster syriaca</i>	M Ghatei 36	18.viii.2014	37.12°N 50.13°E, 135 m	Bame Sabz, Lahijan, Guilan	hand collected, foothill, on ground, 1100h, 1
	F Borjali 18	18.vii.2014	37°1669 N 50°1536 E, 21 m	Langarud	hand collected, city, street, 1430h, 1
<i>Brachyponera sennaarensis</i>	F Heidary 13	03.v.2014	27.17°N 53.25°E, 405 m	Sigar	hand collected, wet habitat in house, 2
<i>Camponotus (Myrmentoma) lateralis</i>	F Borjali 03	30.iv.2014	37°2294 N 50°2539 E, -25 m	Chaf & Chamkala	hand collected, city, on plant, 1210h, minor worker, 1
<i>Camponotus (Myrmentoma) rebecca</i>	V H Kia 03	6.viii.2014	34.64°N 50.88°E, 958 m	Kokab Park, Qom	hand collected, park, on ground, 1825h, 1
	F Safariyan 07	5.ii.2014	35.28427°N 46.98922°E,,1480 m	Zagros	pitfall trap; among grass, minor workers, 2
	Z Mahmoodi 25	26.vii.2015	35.747177°N 51.267556°E, 1304 m	Javan-Mardan-e- Park	hand collected on ground, minor worker, 1

<i>Camponotus (Myrmentoma) staryi</i>	R Torabi 03	25.vi.2014	29.62294°N 52.49974°E, 1595 m	Afif Abad Garden, Shiraz	hand collected, garden, under tree, 1210 h, major & minor, 2
<i>Camponotus (Myrmosericus) armenaicus</i>	F Safariyan 08	4.ii.2014	36.10902°N 47.55669°E, 1533 m	Bijar Protected area	pitfall trap; wayside, major & media, 2
	R Torabi 02	28.vi.2014	29.634700°N 52.52664°E, 1566 m	Saheli, Shiraz	hand collected, city park, on plant, 1847 h, minor worker 2
	E Aram 08	17.vii.2012	37.21°N 48.27°E, 1485 m	Nowdeh	hand collected, mountain under rock, 3
<i>Camponotus (Tanaemyrmex) aethiops</i>	R Torabi 04	26.vi.2014	29.578424°N 52.54766°E, 1526 m	Dar al Rahme, Shiraz	hand collected, cemetery, under tree, 1011 h, minor worker, 1
	V H Kia 04	6.viii.2014	34.64°N 50.88°E, 958 m	Kokab Park, Qom	hand collected, park, on tree, 1240h 1
<i>Camponotus (Tanaemyrmex) evansi</i>	M Seiri 07	29.iv.2014	35.49°N 51.25°E, 2100 m	Jamshidieh	hand collected, on plant, major & minor workers
	M Seiri 08	30.vi.2014	35.49°N 51.25°E, 2100 m	Jamshidieh	hand collected, on soil, minor workers
	M Ghatei 02	18.viii.2014	37.23°N 49.39°E, 11 m	Khomam, Guilan	hand collected, park, on ground, 1040h, 1
<i>Camponotus (Tanaemyrmex) fellah</i>	F Heidary 03	5.ii.2013	27.37°N 52.59°E, 401 m	Torman	hand collected, desert, soil, major workers, 3
	F Safariyan 04	4.ii.2014	36.10902°N 47.55669°E, 1533 m	Bijar Protected area	pitfall trap, wayside, major, 1

	F Safariyan 06	5.ii.2014	35.28427°N 46.98922°E, 1480 m	Zagros	pitfall trap; among leaf litter, media & minor workers, 2
	E Aram 03	28.vii.2012	37.20°N 48.17°E, 1175 m	Kamardaraq	hand collected, mountain under rock, major worker, 2
	E Aram 04.02	10.x.2012	37.22°N 48.16°E, 1540 m	Dayukandi	hand collected, village riverside, major worker, 2
	E Aram 07	19.viii.2012	37.25°N 48.16°E, 1250 m	Kazaj (Darraz)	hand collected, mountain on tree, major worker, 2
	E Aram 23	17.v.2012	37.22°N 48.16°E, 1540 m	Dayukandi	hand collected, forest on soil, major worker, 2
<i>Camponotus (Tanaemyrmex) ruzskyellus</i>	M Seiri 12b			Tehran area	minor workers
	E Aram 02	9.v.2012	37.20°N 48.17°E, 1175 m	Kamardaraq	hand collected, mountain under rock, minor worker, 1
<i>Camponotus (Tanaemyrmex) sanctus</i>	R Torabi 05	28.vi.2014	29.64108°N 52.49971°E, 1601 m	Azadi Park, Shiraz	hand collected, park, on wall, 2145 h, major worker, 2
	R Afshari 06	15.vii.2014	31.04°N 51.56°E, 2249 m	Bideh, Semirom, Isfahan	hand collected, mountain, on ground, 1240h, 1
	F Borjali 02	15.iv.2014	35°4844°N 51°1033°E, 1850 m	Alborz	hand collected, montane, on ground, 1545h, major worker, 1
<i>Camponotus (Tanaemyrmex) turkestanicus</i>	F Heidary 02.2	27.vi.2013	27.17°N 53.25°E, 405 m	Lavarekhasht	hand collected, soil in garden, minor worker, 2
<i>Camponotus (Tanaemyrmex) xerxes</i>	F Safariyan 05	4.ii.2014	36.10902°N 47.55669°E, 1533 m	Bijar Protected area	pitfall trap, wayside, major & media, 2

	F Heidary 02.1	27.vi.2013	27.17°N 53.25°E, 405 m	Lavarekhasht	hand collected, soil in garden, minor worker, 1
	R Torabi 01	27.vi.2014	29.71700°N 52.44383°E, 1703 m	Beheshti, Shiraz	hand collected, ground in field, 1201 h, major worker, 1
	M Seiri 10			Tehran area	major & minor workers
	M Seiri 11			Tehran area	minor workers
	M Seiri 12a			Tehran area	minor worker
	R Afshari 05	20.viii.2014	31.25°N 51.33°E, 2493 m	Semirom, Isfahan	hand collected, city, on wall, 1500h, 1
	F Borjali 36	15.iv.2014	35°4844°N 51°1033°E, 1850 m	Alborz	hand collected, montane, on ground, 1500h, major worker, 1
	F Borjali 38	15.iv.2014	35°4844°N 51°1033°E, 1850 m	Alborz	hand collected, montane, on ground, 1530h, minor worker, 1
	E Aram 04.01	10.x.2012	37.22°N 48.16°E, 1540 m	Dayukandi	hand collected, village riverside, major worker, 1
	E Aram 06	21.vii.2012	37.20°N 48.17°E, 1175 m	Kamardaraq	hand collected, mountain on soil, major worker, 2
	E Aram 09	15.iv.2012	37.20°N 48.17°E, 1175 m	Kamardaraq	hand collected, village under rock, major worker, 2
<i>Cardiocondyla elegans</i>	M Ghatei 38	4.vi.2015	37.98°N 49.24°E, 58 m	Shaft, Guilan	hand collected, garden, on ground, 1300h, 1
	M Ghatei 37	16.v.2015	37.13°N 49.58°E, 9 m	Lahijan, Guilan	hand collected, park, on ground, 0520h, 1 queen
<i>Cardiocondyla persiana</i>	R Torabi 26	30.vi.2014	29.74697°N 52.63733°E, 1733 m	Enghelab Park, Shiraz	hand collected, forest, under tree, 1235 h, 2

<i>Cardiocondyla sahlbergi</i>	F Safariyan 18	4.ii.2014	35.14755°N 47.78202°E, 1900 m	Sarab Lake	pitfall trap; edge of grassland, 1 queen
<i>Cardiocondyla stambuloffii</i>	F Borjali 21	28.iv.2014	37°1676 N 49°5608 E, 9 m	Astaneh-ye Ashrafiyeh	hand collected, city, on plant, 1020h, 1
	F Borjali 22	1.v.2014	36°7000 N 50°30008 E, -10 m	Rodsar	hand collected, forest, on soil, 1130h, 1
<i>Cardiocondyla ulianini</i>	F Safariyan 17	3.iv.2014	35.14755°N 47.78202°E, 1900 m	Sarab Lake	pitfall trap, edge of grassland, 1
	F Safariyan 22	2.iv.2014	35.45476°N 46.96285°E, 1500 m	Vahdat Dam	pitfall trap, mountainside, 1
<i>Cataglyphis albicans armenus</i>	F Heidary 08	3.v.2014	27.18°N 53.70°E, 411 m	Lamerd	ice cream bait, desert, major & minor workers, 3
<i>Cataglyphis alibabae</i>	R Torabi 08	07.v.2014	29.63871°N 52.54560°E, 1603 m	Baba Kouhi, Shiraz	hand collected, field, under stone, 1515 h, 2
<i>Cataglyphis bellicosus</i>	F Safariyan 02	5.ii.2014	35.45486°N 46.96278°E, 2550 m	Abider Park	pitfall trap, amongst plants, 1
	F Heidary 04	27.vi.2014	27.34°N 53.50°E, 456 m	Chahkowr	cake bait, desert, major workers, 2
	G Abolfathi 06	13.vii.2014	33.879457°N 48.766079°E, 1645 m	Khomeini Square, Borujerd	hand collected, city, major worker, 1

	G Abolfathi 10	07.viii.2013	33.906059°N, 48.724687°E, 1642 m	Chogha Hill, Borujerd	hand collected, hillside, minor worker, 2
	F F Jazini 23	12.iv.2015	35.581235°N 51.391204°E, 1051 m	Behesht-Zahra Park, Tehran	hand collected on ground, major & minor, 2
	V H Kia 08	9.v.2014	34.39°N 50.86°E, 1442 m	Janat Abad, Qom	hand collected, village, on ground, 1442h, 1
	F Borjali 37	15.iv.2014	35°4844°N 51°1033°E, 1850 m	Alborz	hand collected, montane, on ground, 1530h, 1
	E Aram 19	6.v.2012	37.27°N 48.17°E, 918 m	Mazraeh	hand collected, mountain on soil, 2
<i>Cataglyphis cuneinodis ?</i>	F Safariyan 01	3.iv.2014	36.38921°N 48.21563°E, 1600 m	Ghajoor Bridge	pitfall trap, roadside, 1
<i>Cataglyphis emeryi</i>	V H Kia 11	14.v.2014	34.25°N 50.99°E, 1940 m	Veshnaveh, Qom	hand collected, village, on ground, 1207h, 1
<i>Cataglyphis foreli</i>	R Afshari 12	16.v.2015	31.42°N 51.48°E, 2527 m	Ghale Ghadam, Semirom, Isfahan	hand collected, field, on ground, 1529h, 1
<i>Cataglyphis frigidus</i>	E Aram 15	7.v.2012	37.35°N 48.14°E, 1140 m	Firuzabad	hand collected, city on tree, range of workers, 3
	E Aram 32	1.ix.2012	37.35°N 48.14°E, 1140 m	Firuzabad	hand collected, mountain on soil, 1 queen
<i>Cataglyphis frigidus persicus</i>	R Torabi 12	30.vi.2014	29.74703°N 52.63710°E, 1733 m	Enghelab Park, Shiraz	hand collected, forest, soil, 1212 h, major & minor workers, 2

<i>Cataglyphis kurdistanicus</i>	G Abolfathi 11	31.v.2013	33.904181°N 48.727929°E, 1581 m	Gazza Square, Borujerd	city, media or minor, 1
	R Afshari 14	11.viii.2014	31.38°N 51.60°E, 2291 m	Shah Ja'far, Semirom, Isfahan	hand collected, mountain, on ground, 0950h, 1
	E Aram 18	5.v.2012	37.22°N 48.19°E, 1447 m	Hashtjin	hand collected, city on soil, major & minor workers, 3
<i>Cataglyphis lividus</i>	F Safariyan 27	4.ii.2014	35.93108°N 47.72105°E, 1930 m	Seidan Village	pitfall trap, cemetery, 1
	V H Kia 10	9.v.2014	34.64°N 50.87°E, 925 m	Jamkarak, Qom	hand collected, village, on ground, 1100h, 1
	E Aram 14	1.vii.2012	37.10°N 48.38°E, 990 m	Jafarabad	hand collected, city on tree, major & minor workers, 2
<i>Cataglyphis lividus luteus</i>	M Seiri 02	05.x.2014	35.48°N 51.26°E, 2200-1680 m	Darake	hand collected, soil, 1
<i>Cataglyphis lividus viaticoides</i>	R Afshari 13	20.vii.2014	31.40°N 51.72°E, 2627 m	Vanak, Semirom, Isfahan	hand collected, plain, on ground, 0920h, 1
<i>Cataglyphis longipedem</i>	M Seiri 03	21.v.2014	35.45°N 51.49°E, 1987-1400 m	Khojir National Park	hand collected, on soil, major workers, 2
	F F Jazini 22	30.iv.2015	35.784531°N 51.495621°E, 1509 m	Lavisan Park, Tehran	Forest, hand collected on ground, major worker, 1
<i>Cataglyphis niger</i>	F Heidary 06	3.v.2014	27.30°N 53.15°E, 477 m	Khayrgou	hand collected, desert, soil, major & minor workers, 3
	F Heidary 07	3.v.2014	27.14°N 53.37°E, 393 m	Ashkenan	ice cream bait, desert, major & minor workers, 3
	V H Kia 09	14.v.2014	34,39°N 50.86°E, 1425 m	Kahak, Qom	hand collected, village, on ground, 1252 h, 1

	E Aram 20	19.viii.2012	37.21°N 48.27°E, 1485 m	Nowdeh	hand collected, mountain roadside, major & minor workers, 2
<i>Cataglyphis nodus</i>	G Abolfathi 07	07.viii.2013	33.906059°N 48.724687°E, 1642 m	Chogha Hill, Borujerd	hand collected, hillside, 2
	Z Mahmoodi 02	1.viii.2015	35.776102°N 51.272°E, 1445 m	Koohsar National Park	pitfall trap, minima worker, 1
	Z Mahmoodi 03	1.viii.2015	35.776102°N 51.272°E, 1445 m	Koohsar National Park	pitfall trap, major worker, 1
	Z Mahmoodi 04	1.viii.2015	35.776102°N 51.272°E, 1445 m	Koohsar National Park	pitfall trap, media worker, 1
	F Jazini 12	12.x.2015	35.784531°N 51.495621°E, 1509 m	Lavisan Park, Tehran	forest, hand collected on ground, major worker, 1
	V H Kia 07	5.ix.2014	34.8°N 51.18°E, 841 m	Kohe Sefid, Qom	hand collected, village, on ground, 1115h, 1
	E Aram 16	27.v.2012	37.20°N 48.17°E, 1175 m	Kamardaraq	hand collected, mountain on soil, range of workers, 3
<i>Cataglyphis rockingeri</i>	M Seiri 01	13.vi.2014	35.59°N, 51.37°E, 2458 m	Garambdar	hand collected, soil, 1
	E Aram 10	20.ix.2012	37.22°N, 48.19°E, 1447 m	Hashtjin	hand collected, forest on soil, major & minor, 3
	E Aram 11	5.vii.2012	37.27°N 48.17°E, 918 m	Mazraeh	hand collected, village farm, major & minor, 3
<i>Cataglyphis ruber</i>	E Aram 12	1.x.2012	37.23°N 48.17°E, 1510 m	Hafthekhaneh	hand collected, mountain on soil, 3
	E Aram 13	17.iv.2012	37.15°N 48.25°E, 700 m	Nemahil	hand collected, city garden, major & minor workers, 3

<i>Cataglyphis ruber agilis</i>	F Safariyan 03	4.ii.2014	35.78872°N 47.03828°E, 1800 m	Saral field	pitfall trap, wheat field, 2
	F Jazini 01	18.1.2015	35.762098°N 51.350948°E, 1481 m	Birds Park, Tehran	hand collected under garden rock, major & minor workers, 2
<i>Cataglyphis setipes</i>	G Abolfathi 09	05.viii.2013	33.924189°N 48.746051°E, 1655 m	Seyed Hasan Park, Borujerd	hand collected, park, major worker, 1
	E Aram 17	19.vii.2012	37.15°N 48.25°E, 700 m	Nemahil	hand collected, mountain on soil, major & media, 2
<i>Cataglyphis</i> sp = Mahmoodi 11	Z Mahmoodi 32	22.iv.2015	35.745215°N 51.214764°E, 1263 m	Shohadaye-Khalij-e-Fars Lake	pitfall trap, major worker, 1
<i>Cataglyphis</i> sp = Mahmoodi 11	Z Mahmoodi 31	1.viii.2015	35.767887°N 51.215951°E, 1465 m	Western Cascade	pitfall trap on mountain, major worker, 1
<i>Cataglyphis</i> sp. male	M Seiri 18	29.iv.2014	35.49°N 51.25°E		1 male
<i>Cataglyphis</i> sp. undet. Mahmoodi 11	Z Mahmoodi 11	1.viii.2015	35.767887°N 51.215951°E, 1465 m	Western Cascade	pitfall trap on mountain, media worker, 1
<i>Cataglyphis</i> species? male	F Safariyan 26	1.iv.2014	35.94820°N 47.55973°E, 1940 m	Salvat abad village	pitfall trap; near water, 1
<i>Cataglyphis turcomanica</i>	Z Mahmoodi 23	19.x.2015	35.749795°N 51.339501°E, 1438 m	Nahjol Balaghe Park	river valley, pitfall trap, very large major, 1
<i>Cataglyphis viaticoides</i>	F Heidary 05	7.vii.2013	27.14°N 53.37°E, 393 m	Ashkenan	cake bait, desert, major & minor workers, 2

	Z Mahmoodi 01	1.viii.2015	35.776102°N 51.272°E, 1445 m	Koohsar National Park	pitfall trap major worker, 1
	Z Mahmoodi 24	26.x.2015	35.719255°N 51.29331°E, 1253 m	Eram Park	pitfall trapm, major worker, 1
	F Jazini 24	29.vi.2015	35.762098°N 51.350948°E, 1481 m	Birds Park, Tehran	hand collected, garden on plant, 2
<i>Crematogaster (Cr.) ? new species</i>	F Safariyan 13	5.ii.2014	35.45486°N 46.96278°E, 2550 m	Abider Park	pitfall trap, amongst plants, 1
<i>Crematogaster (Cr.) afghanica</i>	M Seiri 24	29.iv.2014	35.49°N 51.25°E		1
<i>Crematogaster (Cr.) auberti</i>	F Safariyan 14	3.vii.2014	35.87756°N 47.58048°E, 1940 m	Bijar	pitfall trap; on the mountain, 2
<i>Crematogaster (Cr.) auberti</i>	R Afshari 43	16.vii.2014	31.38°N 51.60°E, 2291 m	Shah Ja'far, Semirom, Isfahan	hand collected, cemetery, on tree, 0950h. 1
<i>Crematogaster (Cr.) schmidtii</i>	E Aram 21	21.vii.2012	37.25°N 48.16°E, 1250 m	Kazaj (Darraz)	hand collected, forest on tree, 2
	M Ghatei 39	23.vi.2014	37.31°N 49.70°E, 64 m	Rezvanshahr, Guilan	hand collected. forest, on tree, 1340h, 1
	M Ghatei 40	16.viii.2014	37.10°N 49.41°E, 37 m	Sangar, Guilan	hand collected, garden, on tree, 1800h, 1
	V H Kia 41	6.viii.2014	34.64°N 50.88°E, 1253 m	Kokab Park, Qom	hand collected, park, on ground, 1653h, 1
	F Borjali 23	1.v.2014	37°1669 N 50°1536 E, 21 m	Langarud	hand collected, city, under tree, 1230h, 1

<i>Creinatogaster (Cr.) sorokini</i>	F Heidary 09	27.vi.2014	27.10°N 53.35°E, 445 m	Paghalat	hand collected, garden, on leaf, 4
	F Safariyan 15	1.iv.2014	35.87756°N 47.58048°E, 1940 m	Bijar	pitfall trap; on the mountain, 2
	F Safariyan 16	4.ii.2014	35.87756°N 47.58048°E, 1940 m	Bijar	pitfall trap; on the mountain, 1
<i>Creinatogaster (Cr.) subdentata</i>	R Afshari 42	17.v.2014	31.04°N 51.56°E, 2341 m	Sadegh Abad, Semirom, Isfahan	hand collected, field, on ground, 1330h, 1
	G Abolfathi 28	06.v.2014	33.895346°N 48.77313°E, 1562 m	Imam Huseyn Sq., Borujerd	hand collected, city, 2
	Z Mahmoodi 18	29.x.2015	35.71797°N 51.259254°E, 1263 m	Khargush Darreh Forest Park	hand collected on tree, 1
	Z Mahmoodi 27	29.x.2015	35.729938°N 51.208223°E, 1285 m	Chagar Forest Park	hand collected on soil, 1 queen
	F Jazini 02	30.iii.2015	35.708883°N 51.421739°E, 1209 m	Shahr Park, Tehran	hand collected on ground, 2
	F Jazini 05	27.v.2015	35.708883°N 51.421739°E, 1209 m	Shahr Park, Tehran	hand collected on plant, 3 queens
<i>Creinatogaster (Cr.)?</i> new sp cf Safariyan 13	R Torabi 27	28.vi.2014	29.63440°N 52.52599°E, 1570 m	Eram Garden, Shiraz	hand collected, garden, <i>Paulownia</i> tree, 1224 h, 2

<i>Dolichoderus quadripunctatus</i>	M Ghatei 01	14.viii.2014	37.31°N 49.70°E, 64 m	Rezvanshahr, Guilan	hand collected, forest, on tree, 1615h, 2
	F Borjali 01	3.ix.2014	37°16035 N 49°35142 E, 01 m	Rasht	hand collected, city, on ground, 1300h, 1
<i>Formica clara</i>	M Seiri 04		Tehran area		1
	M Seiri 05		Tehran area		1
	Z Mahmoodi 35	28.vii.2015	35.749503°N 51.354536°E, 1425 m	Pardisan Forest Park	hand collected, on soil, 1
	F Jazini 15	30.x.2015	35.650041°N 51.461151°E, 1126 m	Fada'ian Aslam Park, Tehran	hand collected on ground, 2
	F Jazini 27	4.xi.2015	35.758792°N 51.425615°E, 1418 m	Taleghani Park, Tehran	hand collected on ground, 1
	M Ghatei 16	16.v.2015	37.42°N 49.94°E, -23 m	Kiashahr, Guilan	hand collected, park, on ground, 1615h, 1
	R Afshari 18	16.vii.2014	31.20°N 51.72°E, 2301 m	Hana (Hannah), Semirom, Isfahan	hand collected, park, under tree, 1530h, 1
	F Borjali 06	17.vii.2014	37°2294 N 49°5842 E, 9 m	Lahijan	hand collected, paddy, on ground, 1530h, 1
	F Borjali 07	28.iv.2014	37°4194 N 49°9488 E, -20 m	Kiashahr	hand collected, city, on soil, 1230h, 1
<i>Formica cunicularia</i>	F Safariyan 09	5.ii.2014	35.14755°N 47.78202°E, 1900 m	Sarab Lake	pitfall trap; edge of grassland, 1
	Z Mahmoodi 05	1.v.2015	35.738115°N 51.382088°E, 1342 m	Goflogou Park	hand collected, on grass, 1

	Z Mahmoodi 17	19.x.2015	35.749503°N 51.354536°E, 1425 m	Pardisan Forest Park	pitfall trap, 1
	Z Mahmoodi 36	28.vii.2015	35.749503°N 51.354536°E, 1425 m	Pardisan Forest Park	hand collected, on grass, 1
	F Jazini 03	27.iv.2015	35.779304°N 51.409978°E, 1527 m	Mellat Park, Tehran	hand collected, on ground, 1
	F Jazini 17	23.v.2015	35.758792°N 51.425615°E, 1418 m	Taleghani Park, Tehran	hand collected, on ground, 2
	F Jazini 28	10.vii.2015	35.779304°N 51.409978°E, 1527 m	Mellat Park, Tehran	hand collected, on wall, 1
	M Ghatei 15	16.v.2015	37.47°N 47.46°E, -23 m	Anzali, Guilan	hand collected, near beach, on ground, 1800h, 1
	F Borjali 04	30.iv.2014	37°9593 N 49°5260 E, 47 m	Siahkhal	hand collected, montane, on ground, 1600h, 1
	F Borjali 05	17.vii.2014	37°2294 N 50°2539 E, -25 m	Chaf & Chamkala	hand collected, beach, on ground, 1700h, 1
	E Aram 22	11.ix.2012	37.22°N 48.19°E, 1447 m	Hashtjin	hand collected, garden on tree, 2
<i>Formica rufibarbis</i>	V H Kia 17	14.v.2014	34.70°N 50.01°E, 1982 m	Tafresh, Markasi	hand collected, park, on ground, 0939h, 1
<i>Lasius alienus</i>	F Jazini 26	20.iv.2015	35.794434°N 51.439007°E, 1549 m	Qeytariyeh Park, Tehran	hand collected on ground, 3

<i>Lasius flavescens</i> variant	M Ghatei 21	5.vi.2015	37.36°N 49.13°E, 52 m	Masal, Guilan	hand collected, forest, near river, 1400h, 1
<i>Lasius himalayanus</i>	Z Mahmoodi 29	19.x.2015	35.749795°N 51.339501°E, 1438 m	Nahjol Balaghe Park	river valley, hand collected on ground, 2 queens
	F Jazini 29	22.xi.2015	35.708883°N 51.421739°E, 1209 m	Shahr Park, Tehran	hand collected on plant, 3
	V H Kia 23	14.v.2014	34.39°N 50.86°E, 1442 m	Kahak, Qom	hand collected, park, on ground, 0939 h, 1
	R Afshari 25	16.v.2014	31.40°N 51.49°E, 2627 m	Vanak, Semirom, Isfahan	hand collected, mountain, on ground, 1600h, 1
	F Borjali 09	18.vii.2014	37°0789 N 50°3953 E, -20 m	Kelachay	hand collected, city, street, on ground, 1315h, 1
<i>Lasius lasioides</i>	Z Mahmoodi 06	4.viii.2015	35.719255°N 51.29331°E, 1253 m	Eram Park	brush collected, on soil, 1
	F Jazini 10	15.iv.2015	35.794434°N 51.439007°E, 1549 m	Qeytariyeh Park, Tehran	hand collected on ground, 3
	F Borjali 08	18.vii.2014	36°9736 N 50°5700 E, 216 m	Chaboksar	hand collected, forest, on soil, 1800h, 1
<i>Lasius neglectus</i>	M Ghatei 19	17.v.2015	37.16°N 49.35°E, 1 m	Rasht, Guilan	hand collected, park, on plant, 1600h, 1
<i>Lasius turcicus</i>	R Torabi 18	08.v.2014	29.63575°N 52.52363°E, 1599 m	Eram Garden, Shiraz	hand collected, garden, willow tree, 1318 h, 1
	M Ghatei 20	22.vi.2014	37.13°N 49.19°E, 34 m	Fuman, Guilan	hand collected, park, on <i>Platanus</i> tree, 1125h, 1

	M Ghatei 22	14.v.2015	37.16°N 49.25°E, 14 m	Shaft, Guilan	hand collected, village, on tree, 1830h, 1
	M Ghatei 34	24.vi.2015	37.16°N 49.35°E, 1 m	Rasht, Guilan	hand collected, park, on <i>Alnus</i> sp. tree, 1020h, 1
	F Borjali 10	28.iv.2014	37°4724 N 49°4587 E, -22 m	Anzali	hand collected, city, on tree, 1030h, 1
	F Borjali 11	16.vii.2014	37°1676 N 49°4924 E, 2 m	Chuchesfahan	hand collected, city, on soil, 1215h, 1
	F Borjali 12	16.vii.2014	37°1676 N 49°4924 E, 2 m	Chuchesfahan	hand collected, city, on soil, 1220h, 1
<i>Lepisiota bipartita</i>	Z Mahmoodi 19	19.x.2015	35.749795°N 51.339501°E, 1438 m	Nahjol Balaghe Park	brush collected on soil, river valley, 1
<i>Lepisiota dolabellae</i>	F Borjali 13	5.ix.2014	37°9593 N 49°5260 E, 47 m	Siahkhal	hand collected, montane, on soil, 1500h, 1
	G Abolfathi 13	01.ix.2013	33.914197°N 48.77419°E, 1681 m	Dar al Salam, Borujerd	Cemetery, 2
	M Seiri 06			Tehran area	1
	Z Mahmoodi 07	1.v.2015	35.738115°N 51.382088°E, 1342 m	Goflogou Park	brush collected, on soil, 1
	Z Mahmoodi 34	7.viii.2015	35.729938°N 51.208223°, 1285 m	Chagar Forest Park	brush collected, on ground, 1
	F Jazini 06	10.viii.2015	35.758792°N 51.425615°E, 1418 m	Taleghani Park, Tehran	hand collected on ground, 1

	F Jazini 14	30.iii.2015	35.708883°N 51.421739°E, 1209 m	Shahr Park, Tehran	hand collected under stone, 2
<i>Lepisiota dolabellae</i>	E Aram 24	26.ix.2012	37.21°N 48.27°E, 1485 m	Nowdeh	hand collected, mountain on soil, 2
<i>Lepisiota integrisquama</i>	F Heidary 01	27.vi.2014	27.30°N 53.15°E, 477 m	Khayrgou	hand collected, roadside, on leaf ,2
	R Torabi 16	07.v.2014	29.63874°N 52.54573°E, 1608 m	Baba Kouhi, Shiraz	hand collected, field, rock, 1521h, 2
	R Torabi 17	28.x.2014	29.61826°N 52.57528°E, 1550 m	Sadieh Mound, Shiraz	hand collected, hill, rock, 1113h, 2
<i>Lepisiota karawaievi</i>	R Afshari 28	15.vii.2014	31.04°N 51.56°E, 2249 m	Bideh, Semirom, Isfahan	hand collected, mountain, on ground, 1620h, 1
<i>Lepisiota litoralis</i>	R Afshari 29	15.vii.2014	31.57°N 51.53°E, 2334 m	Mehr Gerd, Semirom, Isfahan	hand collected, mountain, garden, 1155h, 1
<i>Lepisiota semenovi</i>	R Torabi 15	30.vi.2014	29.74721°N 52.63700°E, 1733 m	Enghelab Park, Shiraz	hand collected, forest, under stone, 1200 h, 3
	V H Kia 27	1.viii.2014	34.25°N 50.99°E, 1996 m	Veshnaveh, Qom	hand collected, village, on ground, 1230h, 1
<i>Lepisiota spinisquama</i>	F Safariyan 11	4.ii.2014	35.45476°N 46.96285°E, 1500 m	Vahdat Dam	pitfall trap, mountainside, 1
<i>Lepisiota surchanica</i>	R Torabi 14	04.v.2014	29.71691°N 52.44377°E, 1699 m	Beheshti, Shiraz	hand collected, field, soil, 1133h, 2

	Z Mahmoodi 33	15.x.2015	35.767887°N 51.215951°E, 1465 m	Western Cascade	hand collected, mountain soil, 3
	F Jazini 21	23.ix.2015	35.69229°N 51.470224°E, 1187 m	Pirouzi Park, Tehran	hand collected on ground, 1
<i>Messor alexandri</i>	Z Mahmoodi 26	29.x.2015	35.729938°N 51.208223°, 1285 m	Chagar Forest Park	hand collected on soil, 1
<i>Messor ceresis</i>	F Jazini 04	5.ix.2015	35.581235°N 51.391204°E, 1051 m	Behesht-Zahra Park, Tehran	hand collected on ground, 1
	V H Kia 49	9.v.2014	34.64°N 50.88°E, 958 m	Kokab, Qom	hand collected, park, under stone, 1653h, 1
	F Borjali 26	28.iv.2014	37°4724 N 49°4587 E, -22 m	Anzali	hand collected, city, soil, 0815h, 1
<i>Messor concolor</i>	G Abolfathi 30	06.ix.2013	33.8571216°N 48.785225°E, 1533 m	Dorahi, Borujerd	hand collected, city, major & media workers, 2
	G Abolfathi 29	26.iv.2013	33.909175°N 48.7712006°E, 1587 m	Goldasht Garden, Borujerd	hand collected, city, major & media workers, 2
	M Seiri 20			Tehran area	media workers, 1
	M Seiri 21			Tehran area	media workers, 1
	Z Mahmoodi 37	29.x.2015	35.729938°N 51.208223°, 1285 m	Chagar Forest Park	hand collected on ground, large media workers, 2

	F Jazini 08	22.v.2015	35.784531°N 51.495621°E, 1509 m	Lavisan Park, Tehran	forest, hand collected on ground, major & mediaworker, 2
	F Jazini 30	9.vii.2015	35.758792°N 51.425615°E, 1418 m	Taleghani Park, Tehran	hand collected under stone, media worker, 2
	F Jazini 31	6.vi.2015	35.81285°N 51.451429°E, 1631 m	Niavaran Park, Tehran	hand collected on soil, headless media, 1
	V H Kia 48	9.v.2014	34.64°N 50.88°E, 993 m	Alavi Park, Qom	hand collected, park, on tree, 1855h, 1
	R Afshari 52	14.v.2014	31.06°N 51.59°E, 2066 m	Komeh, Semirom, Isfahan	hand collected, park, on ground, 1655h, 1
<i>Messor dentatus</i>	F Heidary 11	5.x.2013	27.38°N 52.29°E, 447 m	Sayyedhashemi	hand collected, near farm, on soil, media and minor workers, 3
	E Aram 27	25.vii.2012	37.15°N 48.25°E, 700 m	Nemahil	hand collected, village farm, major & minima workers, 6
<i>Messor denticulatus</i>	R Afshari 51	15.v.2014	31.57°N, 51.53°E, 2334 m	Mehr Gerd, Semirom, Isfahan	hand collected, mountain, garden, 1700h, 1
<i>Messor ebeninus</i>	Z Mahmoodi 20	16.x.2015	35.747177°N 51.267556°E, 1304 m	Javan-Mardan-e- Park	river valley, under stones, hand collected, 1 queen
	Z Mahmoodi 21	16.x.2015	35.747177°N 51.267556°E, 1304 m	Javan-Mardan-e- Park	river valley, under stones, hand collected, 1 male
	E Aram 28	13.v.2012	37.22°N 48.19°E, 1447 m	Hastjin	hand collected, mountain on soil, major & minor workers, 4
<i>Messor ebeninus</i> male?	E Aram 31	11.vii.2012	37.15°N 48.25°E, 700 m	Nemahil	hand collected, forest on tree, 1

<i>Messor hebraeus</i>	V H Kia 50	1.viii.2014	35.02°N 50.34°E, 1007 m	Khav, Qom	hand collected, park, on ground, 1142h, 1
<i>Messor melancholicus</i>	F Safariyan 24	5.ii.2014	35.78872°N 47.03828°E, 1800 m	Saral field	pitfall trap, road side, 1
	R Torabi 31	04.v.2014	29.71699°N 52.44384°E, 1699 m	Beheshti, Shiraz	hand collected, field, on tree, 1215 h, major worker, 1
	M Ghatei 47	14.v.2015	37.16°N 49.25°E, 14 m	Shaft, Guilan	hand collected, village farm, 1830h, 1
	F Borjali 25	15.iv.2014	35°4844°N 51°1033°E, 1850 m	Alborz	hand collected, montane, on ground, 1530h, 1
	M Ghatei 57	18.viii.2015	37.47°N 49.46°E, -22 m	Anzali, Guilan	hand collected, near beach, on ground, 1315h, 1
<i>Messor nahali</i>	R Torabi 34	29.x.2014	29.62587°N 52.55907°E, 1549 m	Hafezieh, Shiraz	hand collected, garden, soil, 12:49 h, major/media workers, 2
<i>Messor obscurior</i>	F Heidary 10	5.ii.2013	27.27°N 52.29°E, 401 m	Torman	hand collected, near farm; on soil, major & minor workers, 3
	G Abolfathi 35	26.vii.2013	33.894199°N 48.767033°E, 1562 m	Fial, Borujerd	hand collected, village, major worker, 2
	Z Mahmoodi 12	20.iv.2015	35.749503°N 51.354536°E, 1425 m	Pardisan Forest Park	pitfall trap, media worker, 1
	E Aram 26	30.v.2012	37.10°N 48.38°E, 990 m	Jafarabad	mountain on soil, major & minima workers, 8

<i>Messor rufotestaceus</i>	R Afshari 54	16.iv.2015	31.06°N 51.59°E, 2066 m	Komeh, Semirom, Isfahan	hand collected, park, near river, 1655h, 1
	R Torabi 36	06.v.2014	29.62245°N 52.582178°E, 1578 m	Sadieh, Shiraz	hand collected, garden, rock; 1415 h, major & minor, 2
<i>Messor</i> sp undet base of gaster striate	R Torabi 33	04.v.2014	29.71622°N 52.44372°E, 1699 m	Beheshti, Shiraz	hand collected, field, soil, 1145 h, prob. media worker, 1
<i>Messor</i> sp. poss. <i>ebeninus</i>	E Aram 01	4.vi.2012	37.21°N 48.27°E, 1485 m	Nowdeh	hand collected, village garden, 2 queens
<i>Messor</i> sp. undet = Torabi 33	R Afshari 53	16.v.2014	31.43°N 51.50°E, 2764 m	Davazdah Emam, Semirom, Isfahan	hand collected, rock on mountain, 1600h, 1
<i>Messor structor</i>	M Seiri 19			Tehran area	range of workers
	M Seiri 23			Tehran area	1 queen
	F Borjali 27	28.iv.2014	37°4724 N 49°4587 E, -22 m	Anzali	hand collected, city, soil, 1100h, 1
	F Borjali 30	28.iv.2014	37°4724 N 49°4587 E, -22 m	Anzali	hand collected, city park, soil, 0930h, 1
	E Aram 25	21.vii.2012	37.25°N 48.16°E, 1250 m	Kazaj (Darraz)	hand collected, mountain on soil, minima worker, 3
<i>Messor structor</i> possible male	F Borjali 44	28.iv.2014	37°4724 N 49°4587 E, -22 m	Anzali	hand collected, city park, soil, 0930h, 1 male
<i>Messor structor varrialei</i>	F Jazini 09	8.x.2015	35.794434°N 51.439007°E, 1549 m	Qeytariyeh Park, Tehran	hand collected on ground, minor workers, 2
	F Jazini 18	24.vii.2015	35.650041°N 51.461151°E, 1126 m	Fada'ian Aslam Park, Tehran	hand collected on ground, major worker, 2

<i>Messor syriacus</i>	F Safariyan 23	2.vii.2014	35.28256°N 47.90785°E, 1910 m	Babagorgor Village	pitfall trap, near sulphurous water, 1
	R Torabi 32	29.x.2014	29.62561°N 52.55893°E, 1549 m	Hafezieh, Shiraz	hand collected, garden, soil, 1237 h, media & minor workers, 2
	Z Mahmoodi 30	2.viii.2015	35.745215°N 51.214764°E, 1263 m	Shohadaye-Khalij-e-Fars Lake	pitfall trap, major worker, 1
<i>Messor testaceus</i>	F Borjali 24	28.iv.2014	37°16035 N 49°35142 E, 01 m	Rasht	hand collected, city, on ground, 1300h, 1
<i>Messor turcmenochoassanicus</i>	F Borjali 35	15.iv.2014	35°4844°N 51°1033°E, 1850 m	Alborz	hand collected, montane, on ground, 1515h; major worker, 1
	F Jazini 25	23.ix.2015	35.69229°N 51.470224°E, 1187 m	Pirouzi Park, Tehran	hand collected on ground, minor workers, 2
<i>Monomorium indicum</i>	F Heidary 12	07.vii.2013	27.38°N 52.59°E, 447 m	Paghalat	trapped on cake, roadside, 4
	Z Mahmoodi 14	1.viii.2015	35.776102°N 51.273°E, 1445 m	Khoosar, National Park	brush collected on soil, 1
	Z Mahmoodi 38	16.x.2015	35.776102°N 51.272°E, 1445 m	Koohsar National Park	Mountain, hand collected from inside a bone, 2
	M Ghatei 58	9.v.2014	34.61°N 51.02°E, 890 m	Ghanavat, Qom	hand collected, garden, on ground, 0814h, 1
<i>Monomorium kusnezowi</i>	R Torabi 37	06.v.2014	29.62578°N 52.55891°E, 1545 m	Hafezieh, Shiraz	hand collected, garden, wall, 1200h, 2

<i>Monomorium salomonis</i>	E Aram 33	24.vi.2012	37.21°N 48.27°E, 1485 m	Nowdeh	hand collected, mountain on tree, 1
<i>Myrmica constricta</i>	M Ghatei 55	16.v.2015	37.36°N 49.13°E, 52 m	Masal, Guilan	hand collected, park, on ground, 1500h, 1
<i>Myrmica deplanata</i>	F Borjali 28	16.vii.2014	37°3747 N 49°7575 E, -28 m	Khoshk-e Bijar	hand collected, city, on willow tree, 1000h, 1
<i>Myrmica gallienii</i>	R Afshari 56	15.vii.2014	31.20°N 51.72°E, 2301 m	Hana (Hannah), Semirom, Isfahan	hand collected, park, under tree, 1130h, 1
	R Afshari 68	15.v.2014	31.44°N 51.03°E, 2341 m	Sadegh Abad, Semirom, Isfahan	hand collected, rock on mountain, 1500h, 1
	F Borjali 29	28.iv.2014	37°16035 N 49°35142 E, 01 m	Rasht	hand collected, city, on ground, 1600h, 1
	F Borjali 41	5.ix.2014	37°16035 N 49°35142 E, 01 m	Rasht	hand collected, city, on ground, 0800h, 1 queen
	E Aram 29	20.vi.2012	37.15°N 48.25°E, 700 m	Nemahil	hand collected, village farm, 4
	E Aram 31a	11.vii.2012	37.15°N 48.25°E, 700 m	Nemahil	hand collected, forest on tree, 1 queen
<i>Myrmica</i> sp	F Borjali 40	4.ix.2014	37°3661 N 49°8594 E, 47 m	Lasht-e Nesha	hand collected, park, on soil, 1400h, 1 male
Myrmicine male?	E Aram 31b	11.vii.2012	37.15°N 48.25°E, 700 m	Nemahil,	hand collected, forest on tree, 1 male
<i>Paratrechina jaegerskioeldi</i>	R Torabi 25	05.vii.2014	29.62551°N 52.55899°E, 1545 m	Hafezieh, Shiraz	hand collected, garden, under tree, 1254 h, 2
<i>Paratrechina vividula</i>	R Torabi 19	28.vi.2014	29.62972°N 52.52677°E, 1562 m	Azadi Park, Shiraz	hand collected, park, soil, 2026 h, major & minor workers, 2

	R Torabi 20	13.vi.2014	29.618265°N 52.575296°E, 1555 m	Baba Kouhi, Shiraz	hand collected, field, soil; 1322 h, major & minor workers, 2
	R Torabi 21	28.vi.2014	29.62972°N 52.52677°E, 1562 m	Azadi Park, Shiraz	hand collected, park, soil, 2012 h; 1 minor worker
	F Jazini 07	30.x.2015	35.650041°N 51.461151°E, 1126 m	Fada'ian Aslam Park, Tehran	hand collected on ground, 2
	V H Kia 24	14.v.2014	34.39°N 50.87°E, 1442 m	Kokab Park, Qom	hand collected, park, on ground, 1653h, 1
<i>Pheidole cicatricosa</i>	V H Kia 60	12.ix.2014	34.47°N 50.46°E, 1412 m	Salfchegan, Semirom, Isfahan	hand collected, park, on ground, 1240h, major worker, 1
<i>Pheidole fervens</i>	M Ghatei 59	16.v.2015	37.95°N 49.53°E, 47 m	Siahkhal, Guilan	hand collected, city, on ground, 1448h, major worker, 1
	V H Kia 26	16.v.2014	34.63°N 50.87°E, 1026 m	Koohe khezr, Qom	hand collected, mountain, on ground, 1750h, minor worker 1
<i>Pheidole latinoda</i>	F Heidary 14a	05.ii.2013	27.18°N 53.70°E, 411 m	Lamerd	trapped on cake, desert, major workers, 2
<i>Pheidole orientalis</i>	Z Mahmoodi 13	30.iv.2015	35.729938°N 51.208223°E, 1285 m	Chagar Forest Park	by hand on soil, major worker, 1
	Z Mahmoodi 16	6.viii.2015	35.729938°N 51.208223°, 1285 m	Chagar Forest Park,	brush collected on soil, minor worker, 1
	Z Mahmoodi 22	16.x.2015	35.729938°N 51.208223°, 1285 m	Chagar Forest Park	brush collected on soil, minor worker, 1

	F Jazini 19	6.x.2015	35.779304°N 51.409978°E, 1527 m	Mellat Park, Tehran	hand collected under rock, minor worker, 2
	E Aram 30	16.vii.2012	37.27°N 48.17°E, 918 m	Mazraeh	hand collected, village riverside, major workers, 3
<i>Pheidole pallidula</i>	F Heidary 14b	05.ii.2013	27.18°N 53.70°E, 411 m	Lamerd	trapped on cake, desert, major & minor workers, 4
	G Abolfathi 39	01.vi.2014	33.904181°N 48.727929°E, 1581 m	Gazza Square, Borujerd	City, minor workers, 2
	M Seiri 22			Tehran area	major workers, 2
<i>Pheidole providens</i>	G Abolfathi 38	31.vii.2014	33.894276°N 48.757303°E, 1567 m	Ghiam Sq., Borujerd	hand collected, city, 2 majors, 2 minors
<i>Pheidole providens</i>	R Afshari 61	17.viii.2014	31.25°N 51.33°E, 2493 m	Semirom, Isfahan	hand collected, city, on wall, 1327h, 1 major
	F Borjali 31	28.iv.2014	37°4724 N 49°4587 E, -22 m	Anzali	hand collected, city park, soil, 1030h, major & minor workers, 2
<i>Plagiolepis alluaudi</i>	R Torabi 22	28.vi.2014	29.62973°N 52.53664°E, 1562 m	Azadi Park, Shiraz	hand collected, park, soil, 2012h, 2
	R Afshari 32	13.viii.2014	31.40°N 51.49°E, 2627 m	Vanak, Semirom, Isfahan	hand collected, garden, on ground, 1615h, 1
<i>Plagiolepis ancycensis</i>	V H Kia 31	12.viii.2014	34.25°N 50.99°E, 1996 m	Dastjerd, Qom	hand collected, park, on tree, 1821h, 1
<i>Plagiolepis pygmaea</i>	R Torabi 23	28.vi.2014	29.62972°N 52.52677°E, 1562 m	Azadi Park, Shiraz	hand collected, park, soil, 2020h, 2

	R Torabi 24	08.v.2014	29.63515°N 52.52568°E, 1599 m	Eram Garden, Shiraz	hand collected, garden, soil, 1253h, 2
	Z Mahmoodi 09	2.v.2015	35.719255°N 51.29331°E, 1253 m	Eram Park	brush collected, on soil, 1
	Z Mahmoodi 28	1.v.2015	35.738115°N 51.382088°E, 1342 m	Goflogou Park	hand collected on soil, 1 queen
	R Afshari 33	13.vii.2015	31.42°N 51.48°E, 2527 m	Ghale Ghadam, Semiro, Isfahan	hand collected, field, on ground, 1420h, 1
	F Borjali 14	29.iv.2014	37°3661 N 49°8594 E, 47 m	Lasht-e Nesha	hand collected, park, on soil, 1530h, 1
	F Borjali 15	4.ix.2014	37°1676 N 49°4924 E, 2 m	Chuchefahan	hand collected, city, on soil, 1445h, 1
	F Borjali 16	17.vii.2014	37°2294 N 50°2539 E, -25 m	Chaf & Chamkala	hand collected, beach, on ground, 1600h, 1
<i>Plagiolepis schmitzii</i>	M Ghatei 30	16.v.2015	37.36°N 49.13°E, 52 m	Masal, Guilan	hand collected, forest, ground, 1400h, 1
	Z Mahmoodi 10	2.v.2015	35.719255°N 51.29331°E, 1253 m	Eram Park	brush collected, on soil, 1
<i>Plagiolepis taurica ?</i>	E Aram 05	26.v.2012	37.23°N 48.17°E, 1510 m	Haftekhaneh	hand collected, mountain farm, 1 queen & 1 male
<i>Plagiolepis taurica ?</i>	M Seiri 17			Tehran area	queen
<i>Polyrhachis lacteipennis</i>	F Heidary 15	27.vi.2014	27.34°N 53.50°E, 456 m	Chahkowr	hand collected, wet situation in garden, 2

<i>Proformica ferreri</i>	F Safariyan 10	4.ii.2014	35.93108°N 47.72105°E, 1930 m	Seidan Village	pitfall trap; cemetery, 1
<i>Proformica</i> sp. undet.	M Seiri 15			Tehran area	queens
<i>Solenopsis fugax</i>	F Borjali 39	5.ix.2014	37°2294 N 50°2539 E, -25 m	Chaf & Chamkala	hand collected, beach, on soil, 1315h, 1 queen
	F Borjali 42	5.ix.2014	37°2294 N 50°2539 E, -25 m	Chaf & Chamkala	hand collected, beach, on soil, 1300h. 1 queen
	F Borjali 43	4.ix.2014	37°1676 N 49°4924 E, 2 m	Chucheshfahan	hand collected, city, on soil, 1400h, 1 queen
<i>Strongylognathus christophi</i>	M Ghatei 62	4.vi.2015	37.98°N 49.24°E, 58 m	Shaft, Guilan	hand collected, village farm, 1340h, 1
	F Borjali 32	1.v.2014	37°4194 N 49°9489 E, -20 m	Kelachay	hand collected, forest, on soil, 1315h, 1
<i>Tapinoma erraticum</i>	F Safariyan 12	4.ii.2014	35.94820°N 47.55973°E	Salvat abad village	pitfall trap; near water, 1
	F Jazini 16	1.ix.2015	35.650041°N 51.461151°E, 1126 m	Fada'ian Aslam Park, Tehran	hand collected on ground, 2
	F Borjali 34	30.iv.2014	37°9593 N 49°5260 E, 47 m	Siahkhal	hand collected, montane, on ground, 0810h, 1
<i>Tapinoma karavaievi</i>	M Seiri 16			Tehran area	queen
	F Jazini 11	1.ix.2015	35.650041°N 51.461151°E, 1126 m	Fada'ian Aslam Park, Tehran	hand collected on ground, 4
<i>Tapinoma simrothi</i>	F Heidary 16	27.vi.2014	27.38°N 52.29°E, 447 m	Sayyedhashemi	hand collected, near farm; on tree, 3

	Z Mahmoodi 08	17.iv.2015	35.747177°N 51.267556°E, 1304 m	Javan-Mardan-e- Park	hand collected, river valley, on ground, 1
	E Aram 33	24.vi.2012	37.21°N 48.27°E, 1485 m	Nowdeh	hand collected, mountain on tree, 6
<i>Temnothorax nadigi</i>	M Ghatei 44	3.vi.2015	37.36°N 49.13°E, 59 m	Masal, Guilan	hand collected, forest, near river, 1500h, 1
<i>Tetramorium caespitum</i>	F Safariyan 19	2.vii.2014	35.14755°N 47.78202°E, 1900 m	Sarab Lake	pitfall trap; edge of grassland, 1
	M Ghatei 63	22.vi.2014	37.13°N 49.19°E, 37 m	Fuman, Guilan	hand collected, park, on ground, 1115h, 1
	R Afshari 66	17.v.2014	31.40°N 51.49°E, 2627 m	Vanak, Semirom, Isfahan	hand collected, city, cemetery, 1530h, 1
<i>Tetramorium caespitum flavidulum</i>	F Safariyan 20	5.ii.2014	36.10902°N 47.55669°E, 1533 m	Bijar Protected area	pitfall trap; wayside, 1
	M Ghatei 45	16.v.2015	37.31°N 49.70°E, 64 m	Rezvanshahr, Guilan	hand collected, forest, on tree, 1232h, 1
	M Ghatei 64	5.v.2015	37.10°N 49.42°E, 34 m	Sangar, Guilan	hand collected, city, on ground, 1540h, 1
<i>Tetramorium chefketi</i>	G Abolfathi 41	07.viii.2014	33.926632°N 48.741826°E, 1654 m	Andishe Town, Borujerd	city, 2
	F Jazini 13	11.ix.2015	35.81285°N 51.451429°E, 1631 m	Niavaran Park, Tehran	hand collected on plant, 2

	F Jazini 20	28.ix.2015	35.650041°N 51.461151°E, 1126 m	Fada'ian Aslam Park, Tehran	hand collected on ground, 3
	F Borjali 33	28.iv.2014	37°4724 N 49°4587 E, -22 m	Anzali	hand collected, city park, soil, 1200h, 1
<i>Tetramorium davidi</i>	R Torabi 40	31.x.2014	29.93551°N 52.88435°E, 1616 m	Persepolis, Shiraz	hand collected, landscape, wall, 1322h, 1
<i>Tetramorium indocile</i>	Z Mahmoodi 15	20.iv.2015	35.749795°N 51.339501°E, 1438 m	Nahjol Balaghe Park	brush collected on soil, river valley, 1
	R Afshari 46	25.iv.2015	31.06°N 51.59°E, 2066 m	Komeh, Semirom, Isfahan	hand collected, park, under stone, 1242h, 1
<i>Tetramorium</i> new species	R Afshari 67	17.v.2014	31.380°N 51.52°E, 2679 m	Bibi Seydan, Semirom, Isfahan	hand collected, field, on ground, 1309h, 1
<i>Tetramorium</i> new species	V H Kia 65	16.v.2014	34.64°N 50.88°E, 958 m	Kokab Park, Qom	hand collected, park, on ground, 1956h, 1
<i>Tetramorium striativentre</i>	F Safariyan 21	2.vii.2014	35.14755°N 47.78202°E, 1900 m	Sarab Lake	pitfall trap; edge of grassland, 1
<i>Trichomyrmex perplexus</i>	F Safariyan 25	2.iv.2014	35.45476°N 46.96285°E, 1500 m	Vahdat Dam	pitfall trap; mountainside, 1