

1992 there were at least 30 cases of human allergic reaction and two deaths due to anaphylactic shock following stings from *P. senmaarensis* (Dib *et al.*, 1992). This species also raids bee hives and destroys honey bees (Whitcombe, 1982).

Myrmicinae

Cardiocondyla spp.

Distribution. *Cardiocondyla emeryi* Forel, 1881, *C. nuda* (Mayr, 1866) and *C. wroughtonii* (Forel, 1881) are well known tramp species which have been recorded in other parts of the Arabian Peninsula (Collingwood & van Harten, 1994; Collingwood & Agosti, 1996). In UAE *C. emeryi* was only collected from Ruwais.

Biology and ecology. Little is known about the biology of *Cardiocondyla* spp. They are tiny, unobtrusive ants with a body length ranging from 1.5–2.5 mm. These ants have little direct impact on the environment; however, they may compete with three similar Arabian endemics: *C. shuckardi* Forel, 1881, *C. gallagheri* Collingwood & Agosti, 1996 and *C. yemene* Collingwood & Agosti, 1996.

Table 1. *Collecting sites of ants in the United Arab Emirates*

Location	Longitude	Latitude	Habitat type	Date visited	Collector
Abu Dhabi	24°30'N	54°21'E	Park	7 Mar 1995	CAC
	24°29'N	54°19'E	Park	Feb 1995	VJS
Al Ain	24°14'N	55°41'E	Garden	2 Mar 1995	CAC
	24°15'N	55°48'E	Oasis	15 Mar 1995	CAC
	24°13'N	55°42'E	Town house	26 Feb 1995	VJS
	24°13'N	55°42'E	Urban area	6 Mar 1995	VJS
	24°13'N	55°40'E	Urban area	17 Mar 1995	CAC
	24°12'N	55°41'E	Zoological garden	2 Mar 1995	CAC
Al Mudam	24°56'N	55°48'E	Desert margin	29 Mar 1991	CG
Baynunah	24°21'N	52°19'E	Sandy desert	8 Mar 1995	CAC
Dubai	25°15'N	55°16'E	Garden	15 Apr 1991	CG
Jumeira	25°13'N	55°15'E	Garden	10 Feb 1996	VJS
Djebel Haffette	24°02'N	55°47'E	Rocky outcrop	4 Mar 1995	CAC
Hatta	24°49'N	55°09'E	Stony desert	12 Mar 1995	CAC
Khor Kalba	25°07'N	56°13'E	Coastal mangrove	30 Mar 1991	CG
Ras Ghanada	24°49'N	54°46'E	Coastal village	May 1993	BJT
	24°49'N	54°46'E	Coastal village	10 Mar 1995	CAC
Ras al Khaimah	25°47'N	56°00'E	Urban area	30 Mar 1991	CG
Remah	24°10'N	54°18'E	Hotel garden	10 Mar 1995	CAC
Ruwais	24°02'N	52°43'E	Desert margin	8 Mar 1995	CAC
	24°02'N	52°42'E	Town house	27 Feb 1995	CAC
	24°02'N	52°42'E	Town house	10 Mar 1995	DA
Sweihan	24°31'N	55°16'E	Park	13 Mar 1995	CAC
	24°24'N	52°19'E	Desert margin	1 Mar 1995	CAC

BJT=Barbara J. Tigar; CAC=Cedric A. Collingwood; CG=Christian Gross; DA=Donat Agosti; VJS=Vojin J. Slijivic.