

Russia (Kuznetsov, 1929). *Lasius affinis* has been keyed and, in my opinion, correctly distinguished by the older authors including Mayr (1861), Bondroit (1918), Stitz (1939) and, more recently, Boven (1955), while André (1881), Forel (1915) and Emery (1916) considered that it was related more closely to *L. bicornis* Foerst. than to *L. umbratus*.

The queen from the Schenck collection labelled '*Lasius affinis* Schenck', although rather damaged, bears out the diagnostic features given by Schenck (1852) for *Formica affinis*. These features given in general terms above, their constancy in series from a wide geographical area, the detailed comparative measurements in tables I and II and the keys to all castes provided later in this paper constitute sufficient grounds to remove *Formica affinis* formally from synonymy under *Lasius umbratus* sensu Wilson (1955) and to reinstate it here in the sense used by most European authors as the distinct and independent species *Lasius* (*Chthonolasius*) *affinis* (Schenck).

TABLE I. *Lasius affinis*—Measurements.

Key:—G—longest gaster hair on anterior face of first tergite.

H—head width across eyes.

T—maximum width of hind tibia at mid-point.

(All measurements in mm.)

Country	Locality	G	H	T	
♂ ♀	Spain	Torla (Huesca)	0.130	1.307	0.161
			0.130	1.200	0.161
	Ordesa (Huesca)		0.123	1.190	0.162
			0.115	1.230	0.160
			0.138	1.230	0.164
			0.130	1.190	0.162
			0.130	1.190	0.162
	Pontevedra		0.114	1.136	0.161
		Mondariz	0.104	1.040	0.155
	Switzerland	Roccarano	0.138	1.196	0.165
	Germany	Nassau	0.147	1.195	0.165
			0.136	1.227	0.163
	Belgium	Méchelen	0.130	1.270	0.162
			0.123	1.230	0.162
	France	Fontainbleau	0.130	1.153	0.164
0.115			1.153	0.160	
0.138			1.196	0.164	
0.123			1.230	0.162	
0.130			1.196	0.162	
		0.123	1.230	0.161	
♀ ♀	Spain	Torla (Huesca)	0.165	1.630	0.230
	Belgium	Méchelen	0.177	1.730	0.235
	Switzerland	Orchy	0.131	1.730	0.235
	Germany	Nassau	0.178	1.691	0.237
♂ ♂	Spain	Ordesa (Huesca)	0.077	1.040	
			0.100	1.110	
			0.077	1.050	
	Belgium	Méchelen	0.085	1.080	0.120
			0.085	1.050	0.120
	Switzerland	Orchy	0.102	1.200	
			0.113	1.200	
			0.113	1.160	
	Germany	Nassau	0.102	1.200	