

Table S1. Collection information for ants used for morphometric analysis, genetic analysis, and in aggression trials.

Nest	Latitude	Longitude	Habitat	Analysis
Nest 1	40.7744654	-73.970999	Park	Morphometric
Nest 2	40.7717158	-73.9824663	Traffic island	Morphometric
Nest 3	40.7678998	-73.9859566	Sidewalk	Morphometric
Nest 4	40.7718433	-73.9814381	Sidewalk	Genetic
Nest 5	40.7927890	-73.9694476	Sidewalk	Aggression trials
Nest 6	40.7999581	-73.9642716	Sidewalk	Aggression trials
Nest 7	40.8009868	-73.9672203	Sidewalk	Aggression trials
Nest 8	40.7931706	-73.9671757	Sidewalk	Aggression trials
Nest 9	40.7900594	-73.9744603	Sidewalk	Aggression trials
Nest 10	40.8020570	-73.9672616	Sidewalk	Aggression trials
Nest 11	40.8015137	-73.9584291	Sidewalk	Aggression trials
Nest 12	40.8093281	-73.9632178	Sidewalk	Aggression trials
Nest 13	40.8109707	-73.961991	Sidewalk	Aggression trials
Nest 14	40.8037577	-73.9676445	Sidewalk	Aggression trials
Nest 15	40.7756680	-73.9826015	Sidewalk	Aggression trials
Nest 16	40.806777	-73.966809	Sidewalk	Aggression trials
Nest 17	40.79772	-73.967591	Sidewalk	Aggression trials
Nest 18	40.79656	-73.967811	Sidewalk	Aggression trials
Nest 19	40.8072406	-73.9658926	Sidewalk	Aggression trials
Nest 20	40.794674	-73.962362	Sidewalk	Aggression trials
Nest 21	40.79766	-73.960159	Sidewalk	Aggression trials
Nest 22	40.798977	-73.962439	Sidewalk	Aggression trials

Table S2. Specimen type material, label information, and depository location for ants used in NUMOBAT analysis and New York City voucher specimens. Additional details regarding NUMOBAT specimens can be found in Seifert 2020.

Species	Type Material	Label Information	Depository Location
<i>L. emarginatus</i>	Neotype worker	3 neotype workers labeled: “FRA: Frankreich-06, Prov. Savoie, 12 km E Belley, im Rhonetal, 250 mH, 14.04.1996, 133 Leg. A. Schulz, K. Vock”	Senckenberg Museum für Naturkunde, Görlitz, Germany (SMN)
<i>L. illyricus</i>	Lectotype worker Paralectotype workers	Lectotype worker labeled: “Mt. Petka Dubrovnik YUGOSLAVIA V-1928 S.Zimmerman”, “type series Lasius alienus illyricus Zimmermann” (upperside 2nd label), “unlabelled type Le Tenrant 7.90”(underside 2nd label), “M.C.Z. CoType 30116”, “LECTOTYPE desig. by E.O.Wilson”, “Jan-Jun.2001 MCZ Image Database” Paralectotype workers: “Mt. Petka Dubrovnik YUGOSLAVIA V-1928 S.Zimmerman”, “Lasius alienus illyricus Zimmermann COTYPE”, “M.C.Z. CoType 30116”	Museum of Comparative Zoology, Cambridge, MA, USA (MCZ)
<i>L. maltaeus</i>	Holotype worker Paratype workers	Holotype and 5 paratype workers labeled: “MALTA: 35.93°N, 14.35°E Ghajn Tuffieha, 40 m S.P. Schembri 1989.0503” 3 paratype workers labelled: “MALTA: 3.859°N, 14.399°E Buskett, 185 m col. Collingwood 1983.11.30” 3 paratype workers labelled: “MALTA: 35.897°N, 14.461°E Birkirkara, 35 m June 1978, No 55213” 4 paratype workers labelled: “MALTA: 38.9157°N, 14.4980°E, Sliema, 15 m, base of promenade wall, P. Attewell 2019.06.06”	Senckenberg Museum für Naturkunde, Görlitz, Germany (SMN)
<i>L. tebessae</i>	Holotype worker Paratype workers	Holotype & 8 paratype workers labelled: “Algeria Tebessa 16.5. 1967, 950 m ex coll. Cagniant” 8 paratype workers labelled: “Algeria: 50 km S Alger, 17.6.1964, 1200 m ex coll. Cagniant”	Senckenberg Museum für Naturkunde, Görlitz, Germany (SMN)
<i>L. emarginatus</i>	Field collected paratype specimens (NYC, USA)	4 paratype workers labelled: “Lasius emarginatus, USA, NY, New York Co., New York City, Broadway & 64 th W, 40.7718433, -73.9814381, 30 May 2022, S.M.Kennett”	Auburn University Museum of Natural History, Auburn, AL, USA