

#01

Natural History Monographs
of the Upper Silesian Museum

2022

LECH BOROWIEC
SEBASTIAN SALATA

*A monographic
review of ants
of Greece
(Hymenoptera:
Formicidae)*



Vol. 1.

Introduction and review
of all subfamilies except
the subfamily Myrmicinae.

Part 2: plates with color photos

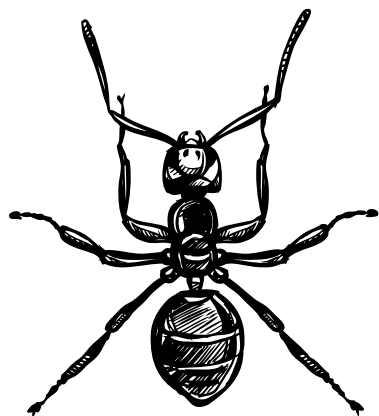
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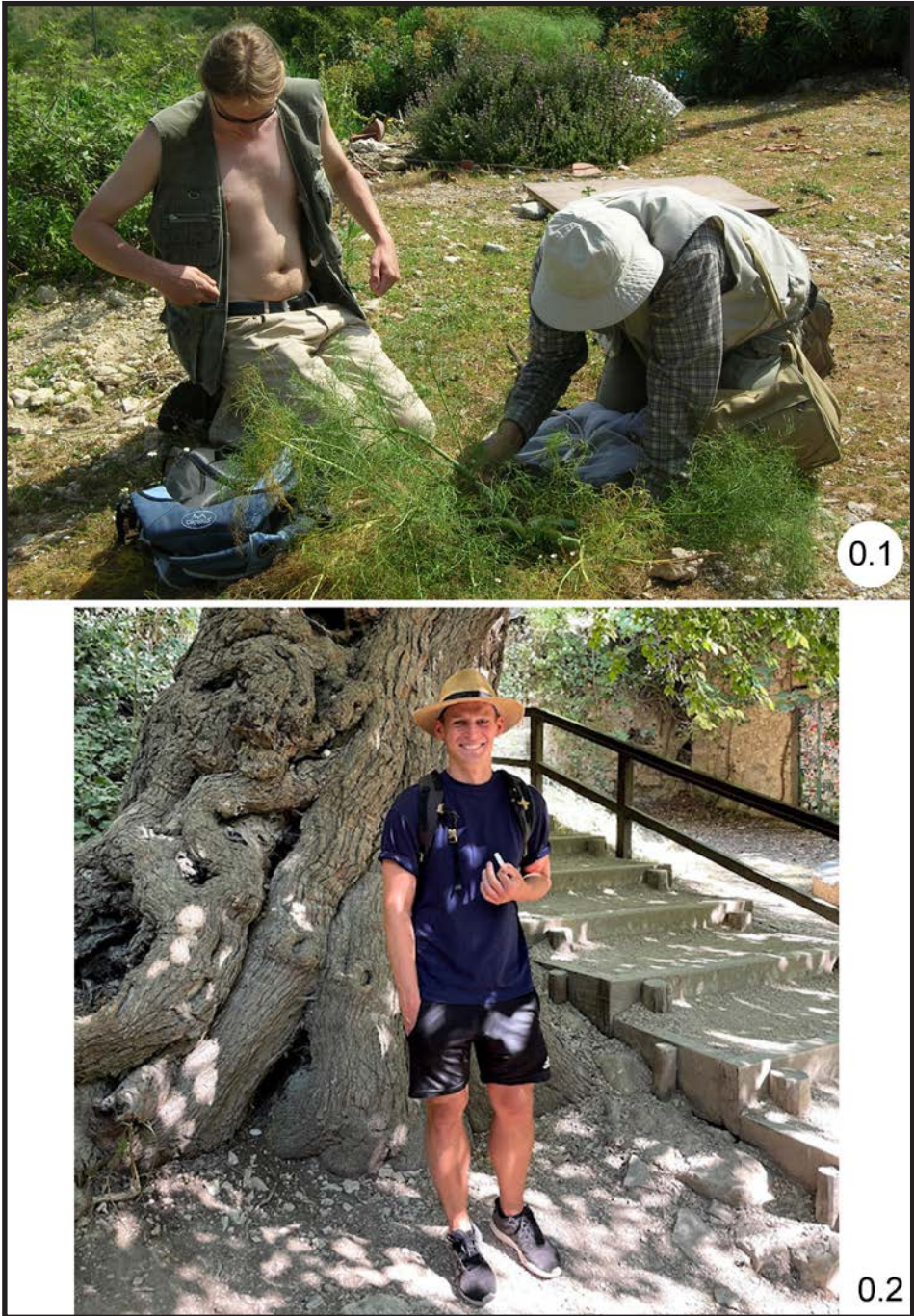


Fig. 0.1-2. Myrmecologists during field work: 1 – Marek L. Borowiec (son, left) and Lech Borowiec (father, right) during the first collecting trip to Greece, Crete in 2007 which inspired the senior author to study Greek ants, 2 – Sebastian Salata, junior author of this monograph, former PhD student and currently colleague and associate in many of the senior author's myrmecological projects (1 – photographed by Jolanta Świętojańska)

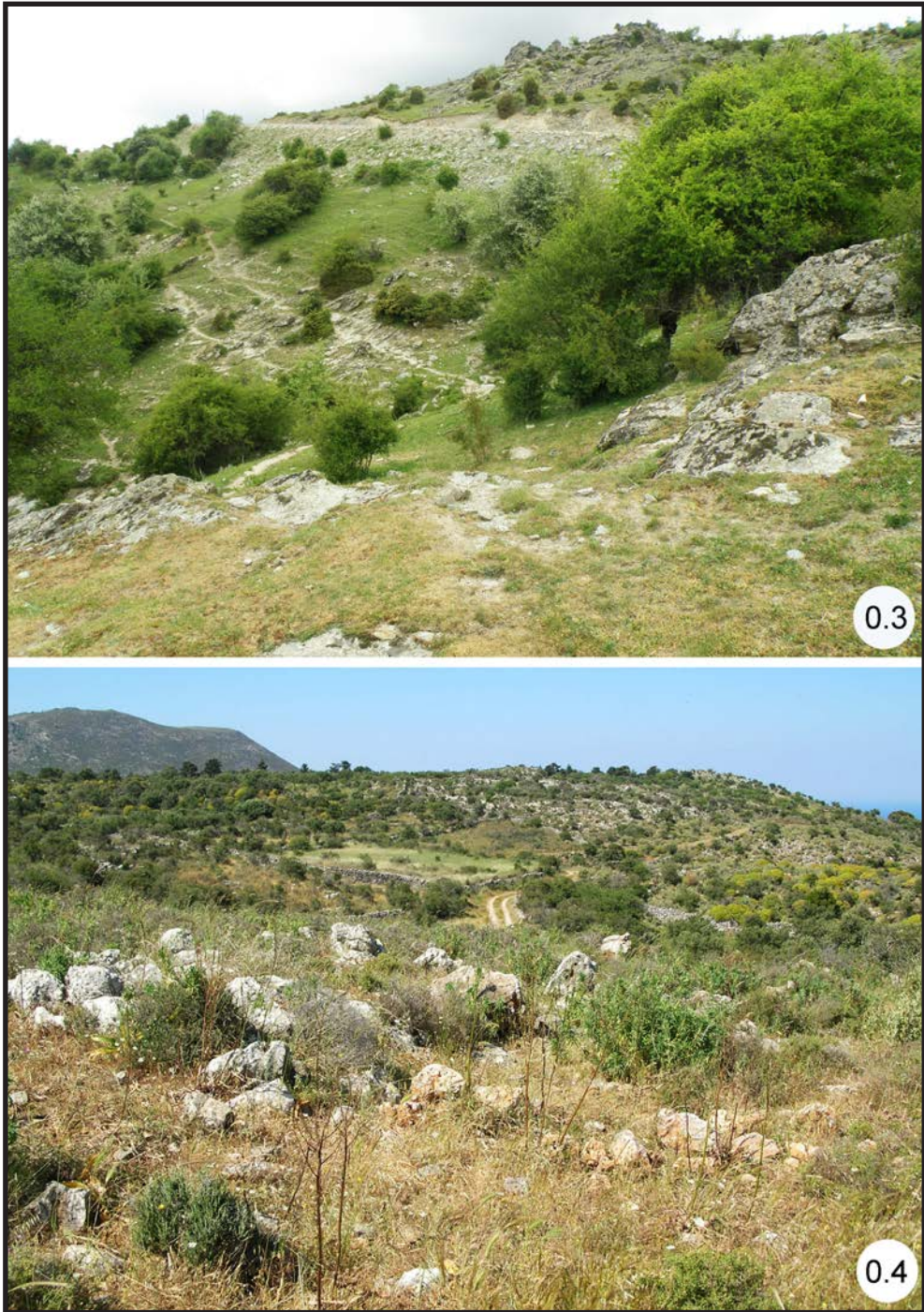


Fig. 0.3-4. Typical open and semi open habitats in Greece: 3 – pastures with shrubs and stones in Thessaly, 4 – mountain pastures in Crete (photographed by Jolanta Świętojańska)

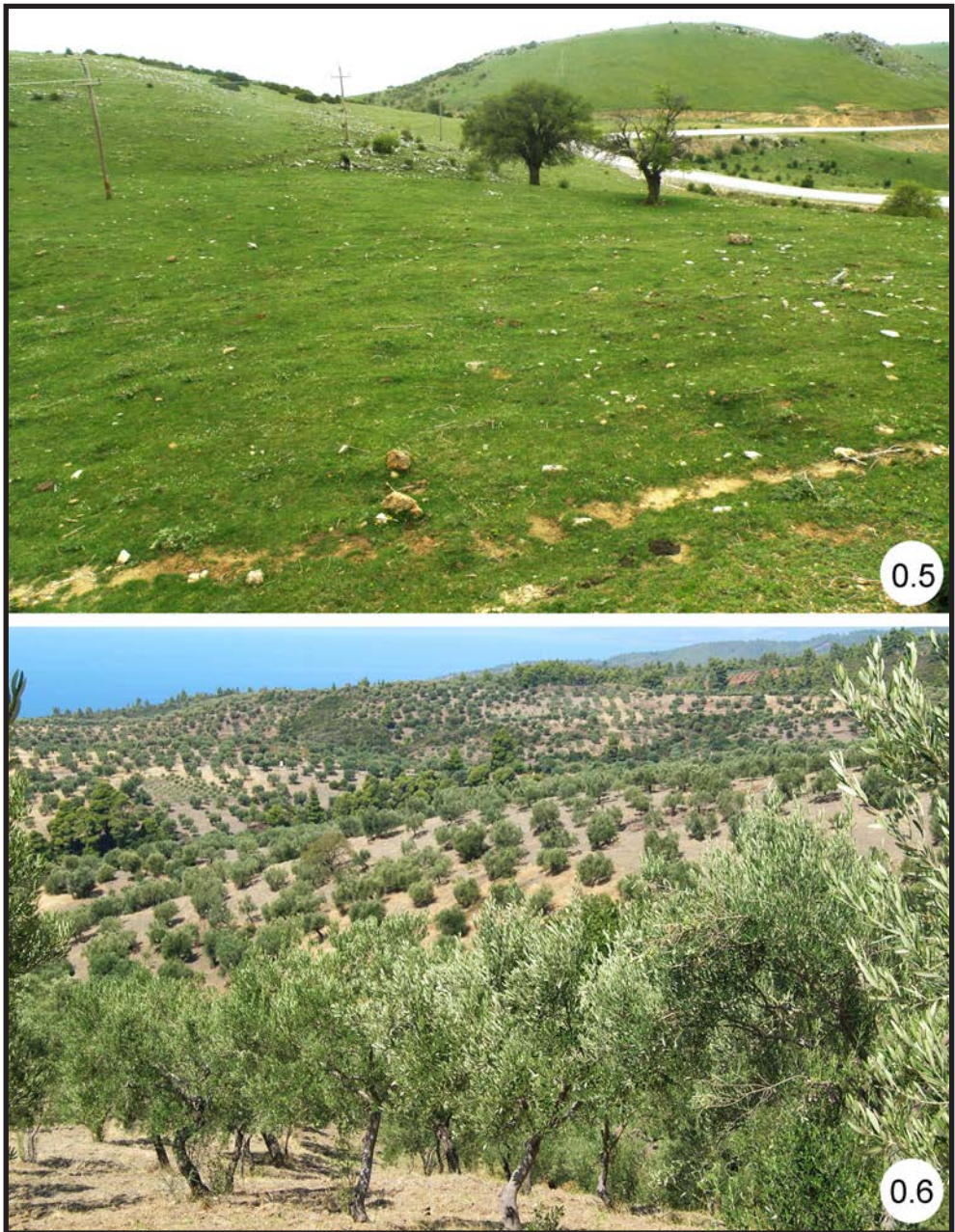


Fig. 0.5-6. Common agriculture habitats in Greece: 5 – extensive pasture in Halkidiki, 6 – extensive olive plantation in Halkidiki (photographed by Jolanta Świątojańska)

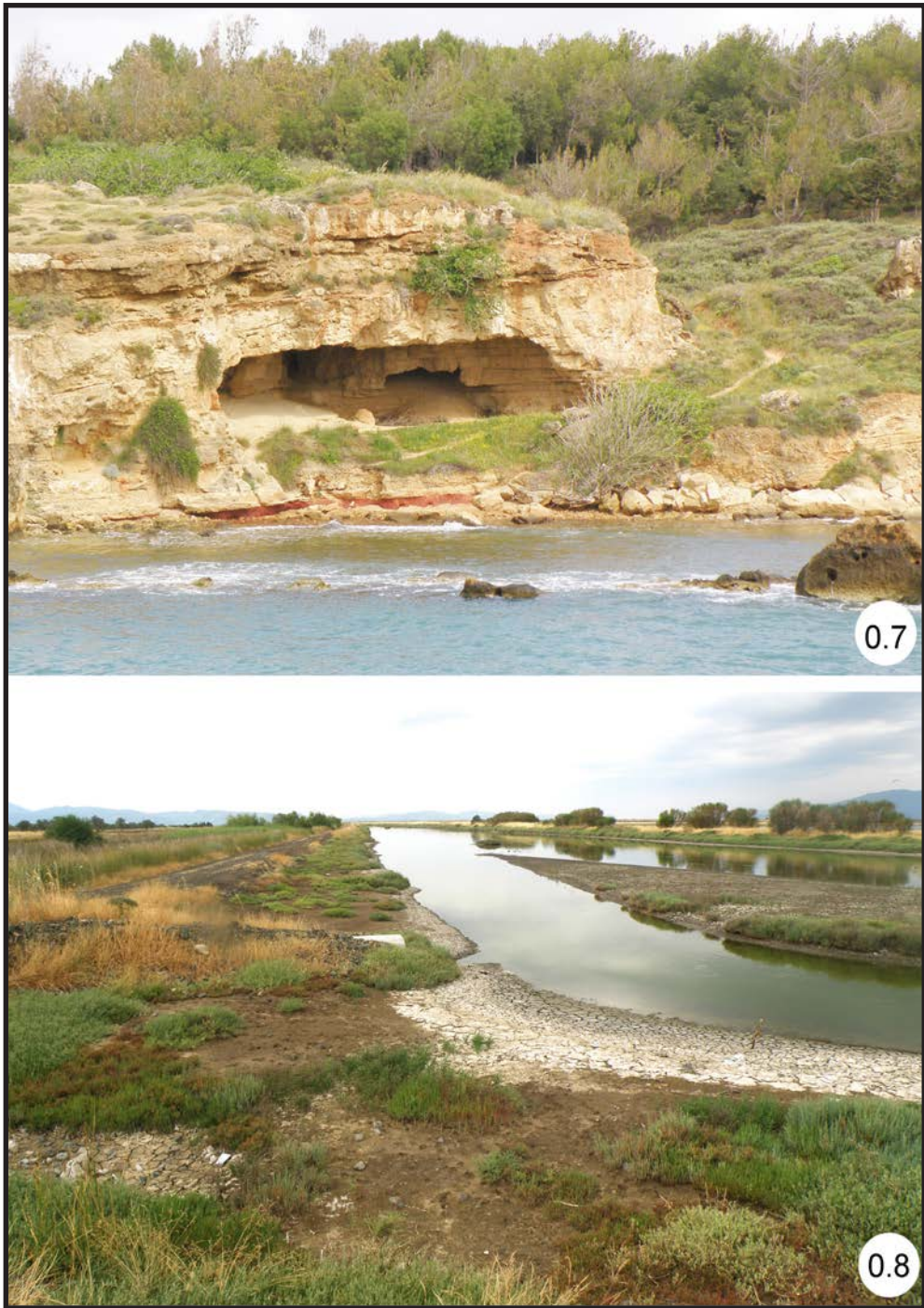


Fig. 0.7-8. Habitats close to seashore: 7 – cliffs in Thessaly, 8 – salines in Lesbos (photographed by Jolanta Świętojańska)

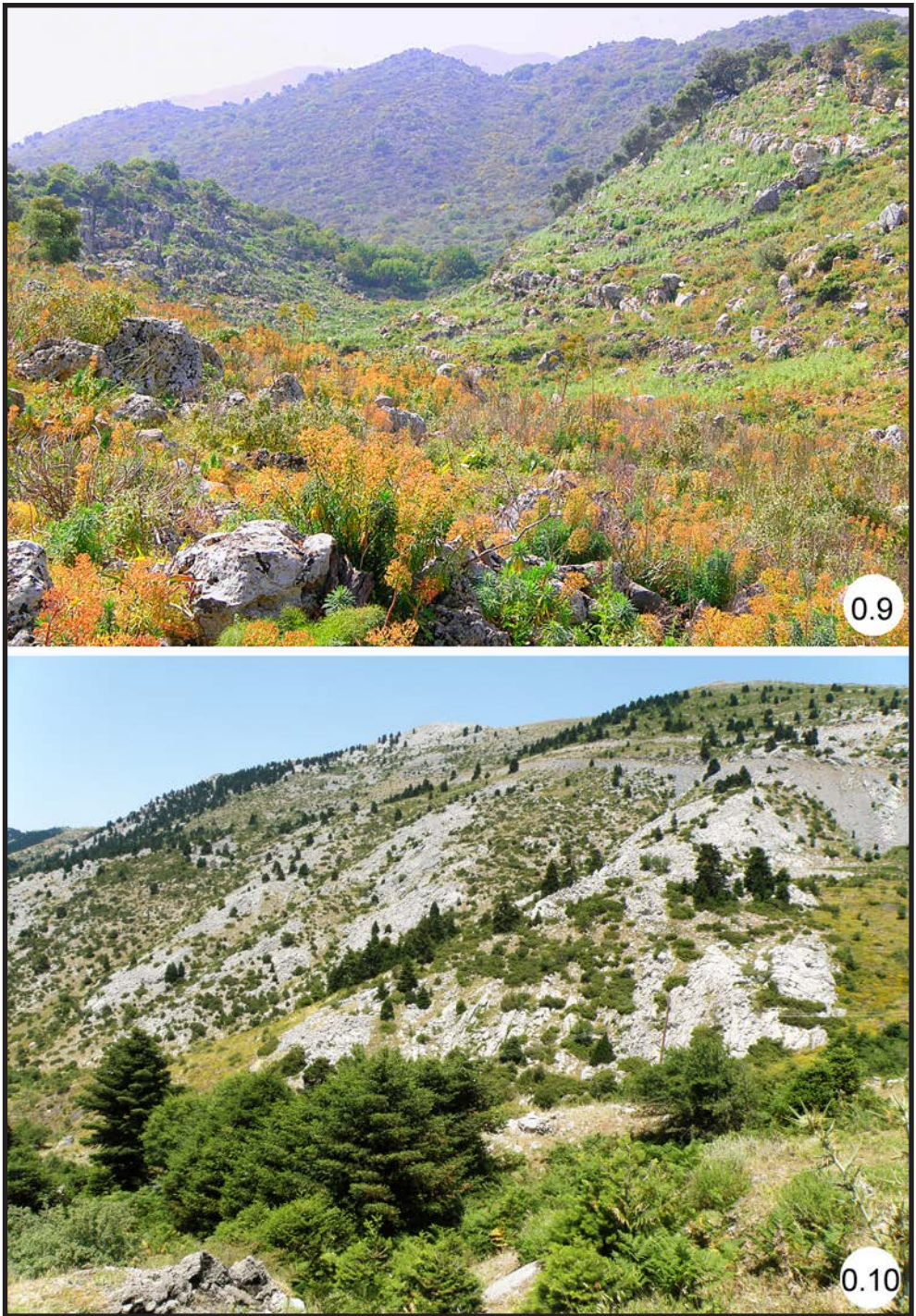


Fig. 0.9-10. Degraded mountain habitats: 9 – deforested mountain gorge in Crete, 10 – deforested mountain area in Euboea (photographed by Jolanta Świętojańska)



Fig. 0.11-12. Alpine habitats: 11 – Omalos Plateau in Crete, 12 – mountain pastures with shrubs on southern slope of Olympus Massif (photographed by Jolanta Świętojańska)



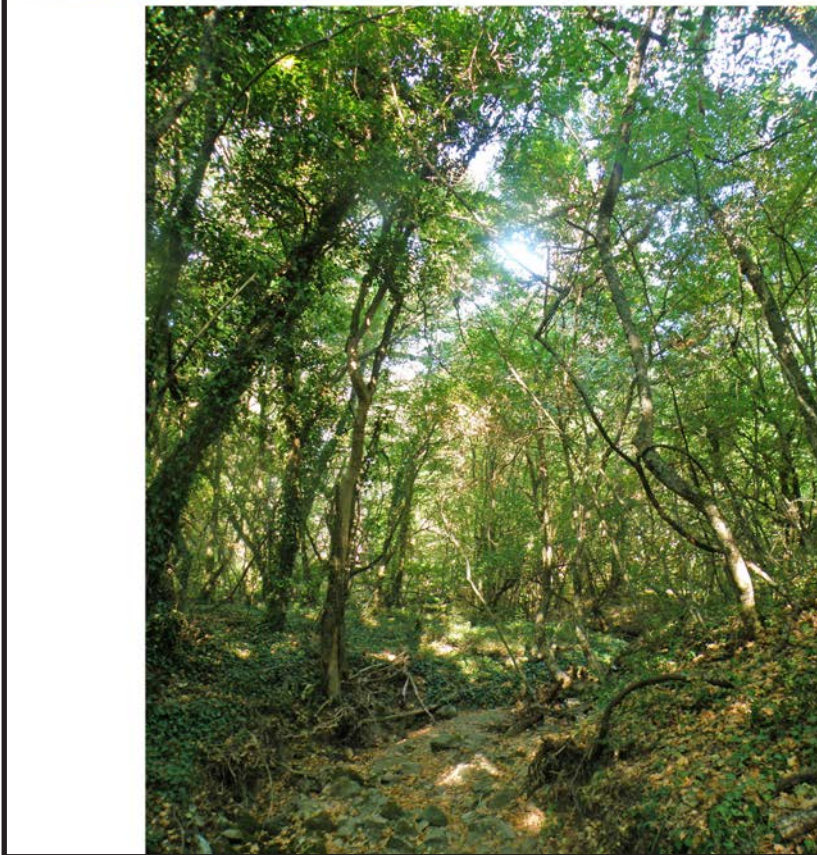
Fig. 0.13-14. Semi open habitats in mid mountains: 13 – dry meadow in Peloponnese and bushes, 14 – dry meadow and mediterranean bushes in Thrace (photographed by Jolanta Świątojańska)



Fig. 0.15-16. Small cultivated plantations in a natural landscape: 15 – Olive plantation in Zakynthos, 16 – Fig plantation in the Peloponnese (photographed by Jolanta Świętojańska)

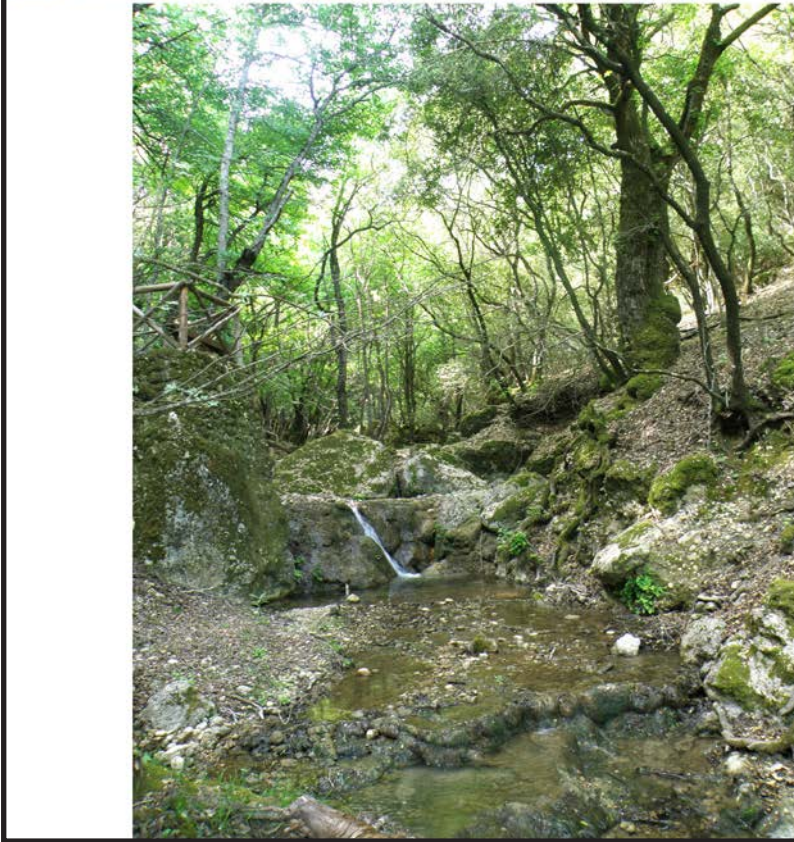


0.17



0.18

Fig. 0.17-18. Mediterranean bush and deciduous forest: 17 – dry deciduous shrubs in Zakynthos, 18 – small deciduous forest along stream (photographed by Jolanta Świętojańska)



0.19

0.20

Fig. 0.19-20. Luminous forests: 19 – dry pine forest with stones in Rhodes, 20 –humid deciduous forest in Butterfly Valley, Rhodes (photographed by Jolanta Świętojańska)

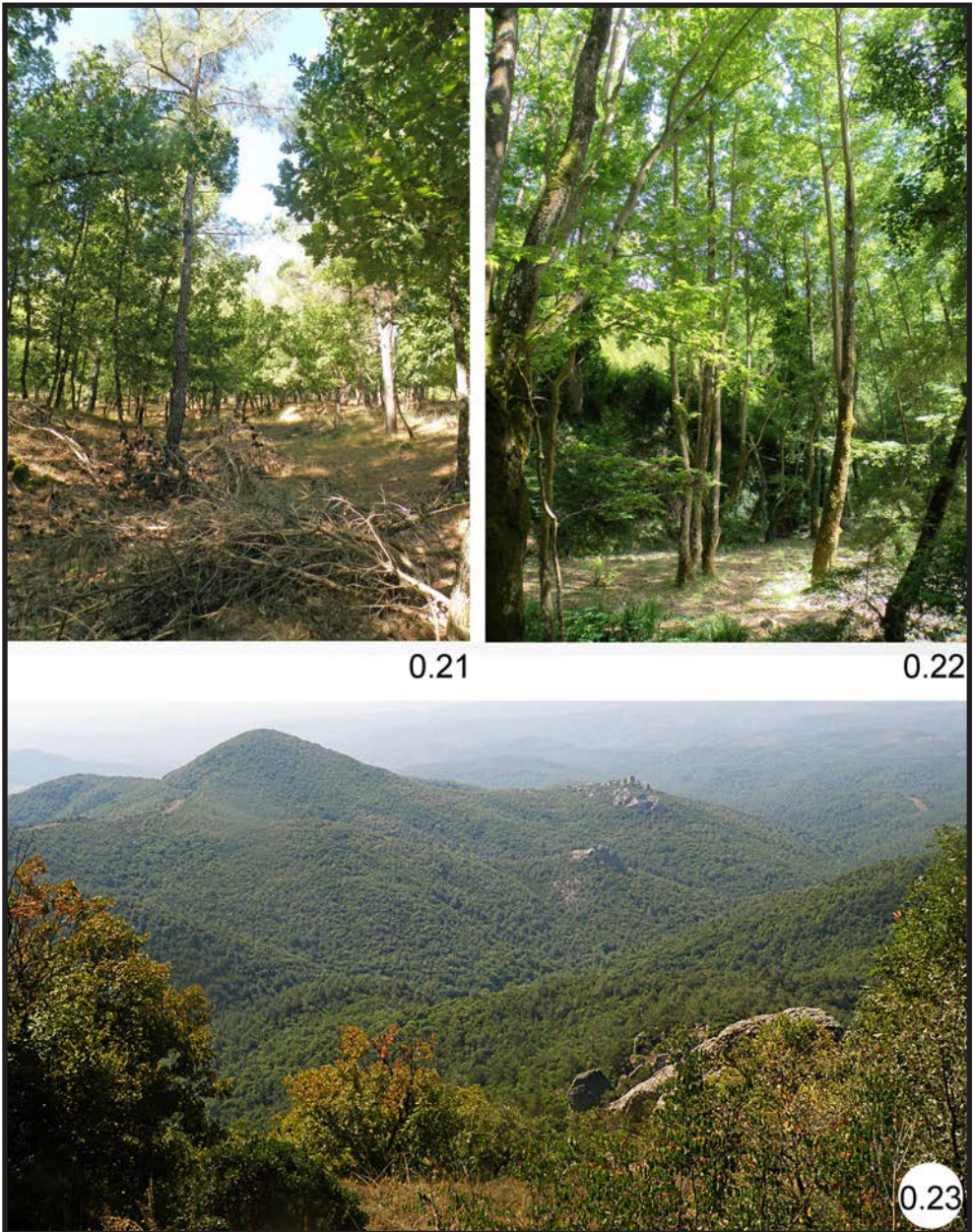


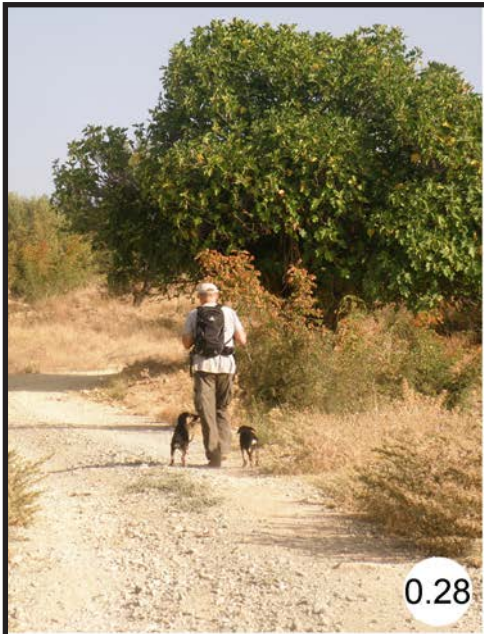
Fig. 0.21-23. Mixed and deciduous forests: 21 – secondary mixed forest in Thrace, 22 – plane forest in the Peloponnese, 23 - extensive oak forests in Thrace (photographed by Jolanta Świątojańska)



Fig. 0.24-25. Pine forests: 24 – pine forest on hills in Halkidiki, 25 – the pine forest of Samos recovering from fires (photographed by Jolanta Świętojańska)



Fig. 0.26-27. Alpine coniferous forests: 26 –fir forest in Thrace, 27 – fir forest in Euboea (photographed by Jolanta Świętojańska)



0.28



0.29



0.30

Fig. 0.28-30. In Greece, the local inhabitants always support and assist us during the field work: 28 – Sheepdog puppies willingly join the field work, 29 – freely feeding pigs willingly reveal the interior of ant nests, 30 - goats have a significant influence on the shaping of habitats in Greece; they are very curious and eagerly observe the work of myrmecologists in the field (photographed by Jolanta Świętojańska)



Fig. 1.1-2. *Leptanilla* sp_GR01: 1 – male, dorsal, 2 – male, lateral (photographed by Jolanta Świętojańska)



Fig. 1.3. *Leptanilla* sp_GR01 – male, head (photographed by Michael Branstetter, from www.antweb.org)



Fig. 2.1-2. *Leptanilla* sp_GR02: 1 – male, dorsal, 2 – male, lateral (photographed by Michael Branstetter, from www.antweb.org)



Fig. 2.3. *Leptanilla* sp_GR02 – male, head (photographed by Michael Branstetter, from www.antweb.org)



Fig. 3.1-2. *Leptanilla* sp_GR03: 1 – male, dorsal, 2 – male, lateral (photographed by Michael Branstetter, from www.antweb.org)



Fig. 3.3. *Leptanilla* sp_GR03 – male, head (photographed by Michael Branstetter, from www.antweb.org)

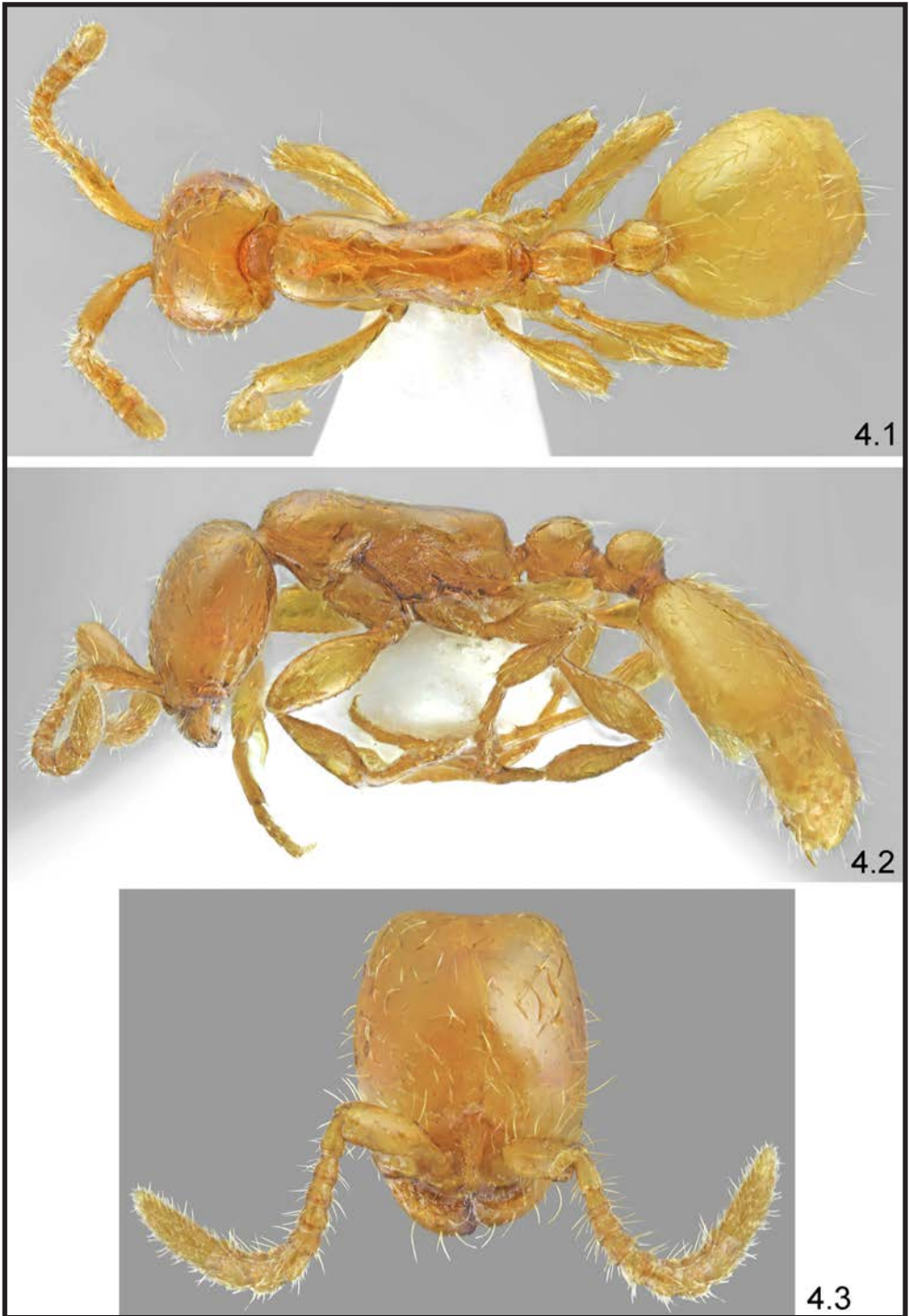


Fig. 4.1-3. *Aenictus rhodiensis* Menozzi: 1 – worker, dorsal, 2 – worker, lateral, 3 – worker, head (photographed by Lech Borowiec)



Fig. 5.1-2. *Proceratium algiricum* Forel: 1 – worker, dorsal, 2 – worker, lateral (photographed by Will Ericson, from www.antweb.org)



Fig. 5.3. *Proceratium algiricum* Forel – worker, head (photographed by Michael Branstetter, from www.antweb.org)

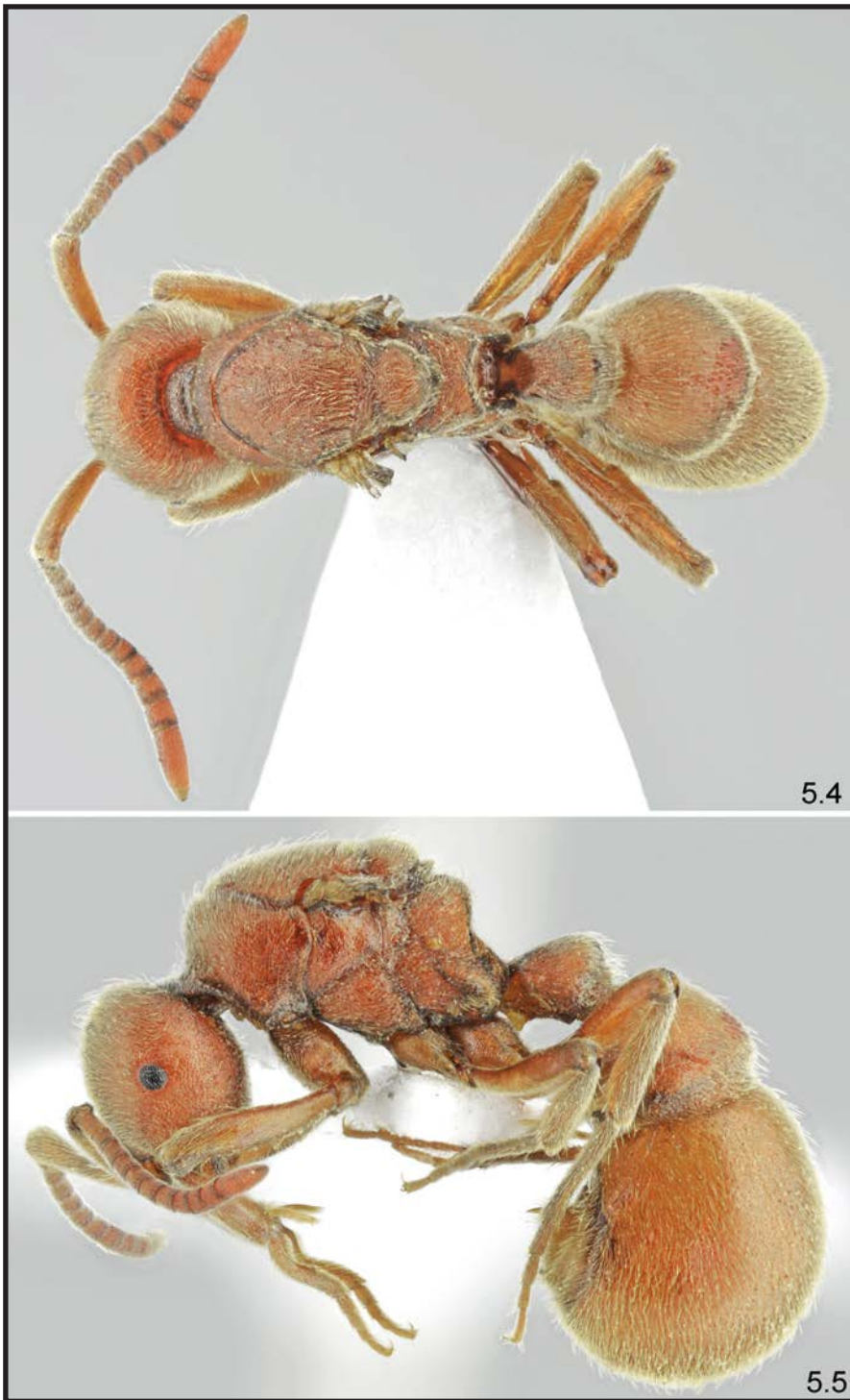


Fig. 5.4-5. *Proceratium algiricum* Forel: 4 – gyne, dorsal, 5 – gyne, lateral (photographed by Lech Borowiec)

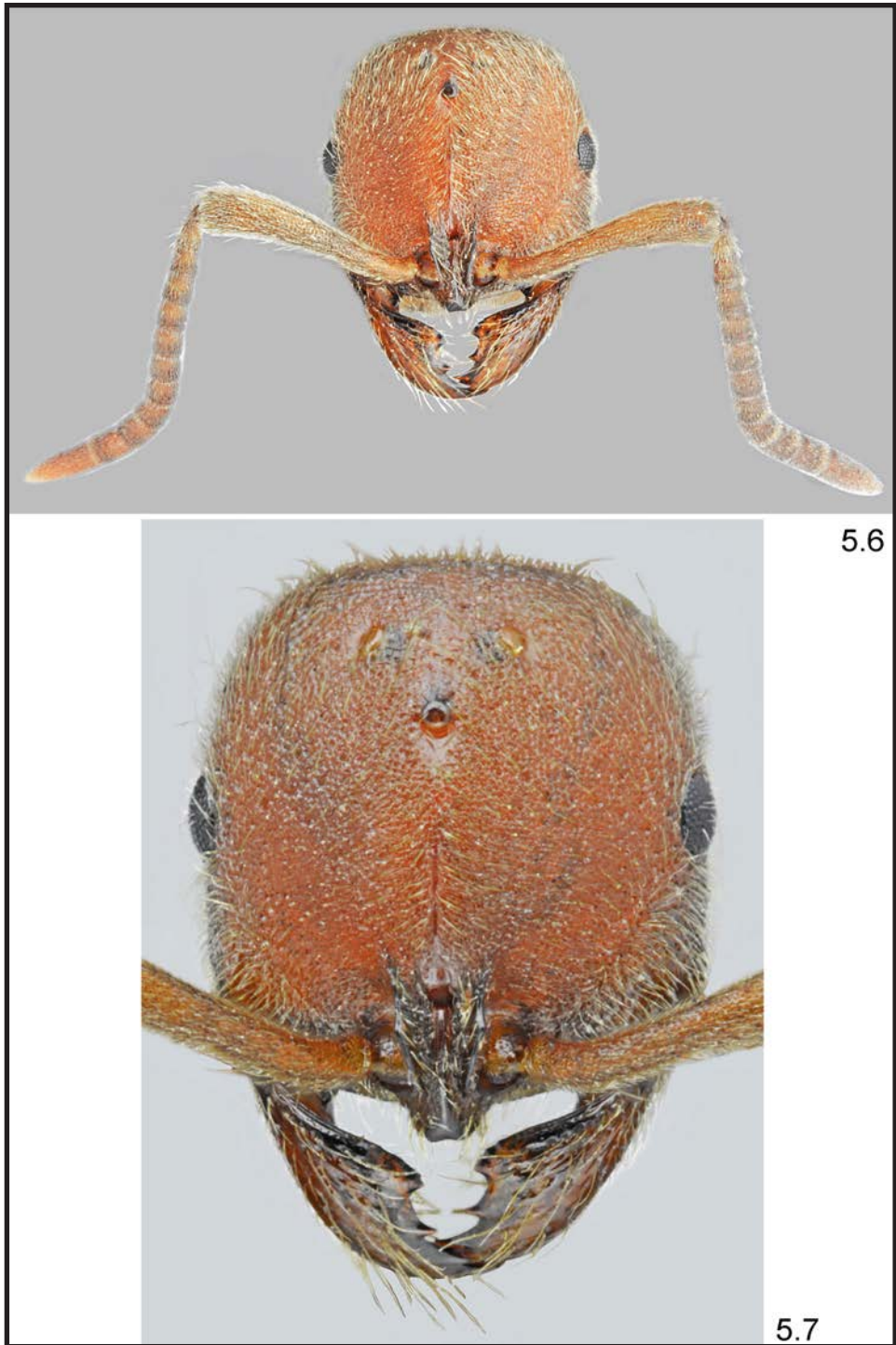


Fig. 5.6-7. *Proceratium algiricum* Forel: 6 – gyne, head and antennae, 7 – gyne, head (photographed by Lech Borowiec)



Fig. 6.1-2. *Proceratium melinum* (Roger): 1 – worker, dorsal, 2 – worker, lateral (photographed by Estella Ortega, from www.antweb.org)



Fig. 6.3. *Proceratium melinum* (Roger) – worker, head (photographed by Estella Ortega, from www.antweb.org)



Fig. 7.1-2. *Proceratium numidicum* Santschi: 1 – worker, dorsal, 2 – worker, lateral (photographed by Estella Ortega, from www.antweb.org)



Fig. 7.3. *Proceratium numidicum* Santschi – worker, head (photographed by Estella Ortega, from www.antweb.org)



Fig. 8.1-2. *Stigmatomma denticulatum* Roger: 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)

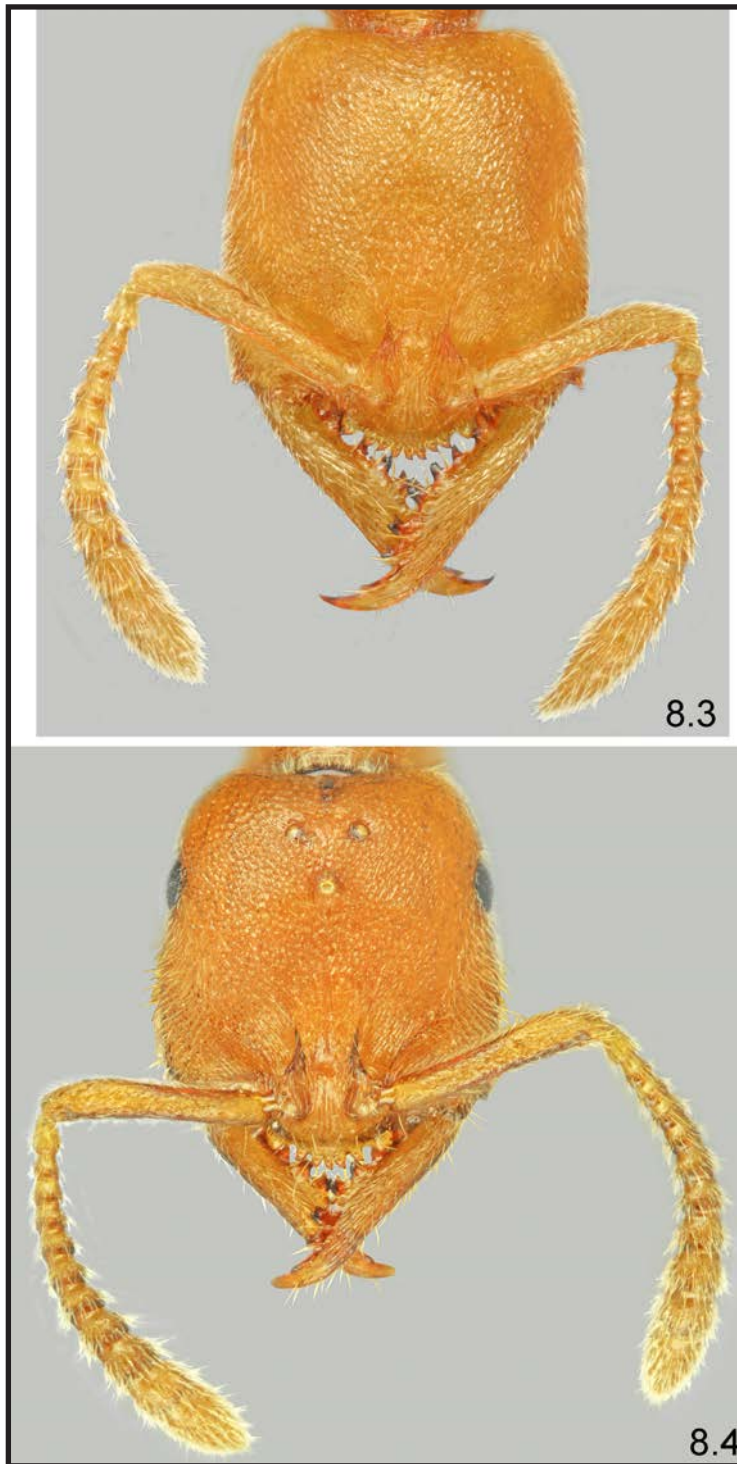


Fig. 8.3-4. *Stigmatomma denticulatum* Roger: 3 – worker, head, 4 – gyne, head (photographed by Lech Borowiec)



Fig. 8.5-6. *Stigmatomma denticulatum* Roger: 5 – gyne, dorsal, 6 – gyne, lateral (photographed by Lech Borowiec)



Fig. 8.7. *Stigmatomma denticulatum* Roger – male, lateral (photographed by Lech Borowiec)



Fig. 9.1-2. *Stigmatomma impressifrons* Emery: 1 – worker, dorsal, 2 – worker, lateral (photographed by April Nobile, from www.antweb.org)



Fig. 9.3. *Stigmatomma impressifrons* Emery – worker, head (photographed by April Nobile, from www.antweb.org)

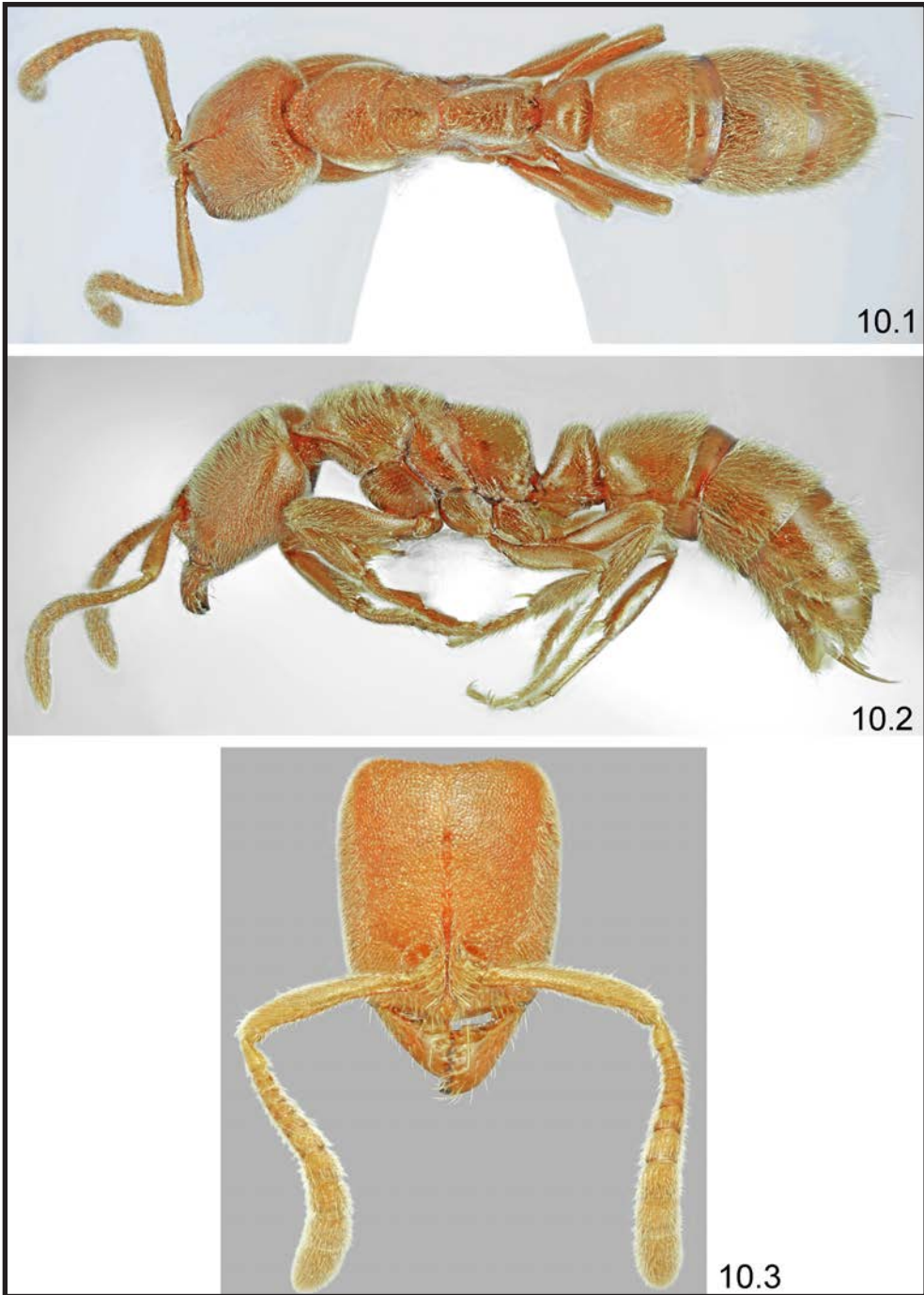


Fig. 10.1-3. *Cryptopone ochracea* (Mayr): 1 – worker, dorsal, 2 – worker, lateral, 3 – worker, head (photographed by Lech Borowiec)



Fig. 11.1-2. *Hypoponera eduardi* (Forel): 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)



Fig. 11.3. *Hypoponera eduardi* (Forel) – worker, head (photographed by Lech Borowiec)



Fig. 11.4-5. *Hypoponera eduardi* (Forel): 4 – gyne, dorsal, 5 – gyne, lateral (photographed by Lech Borowiec)

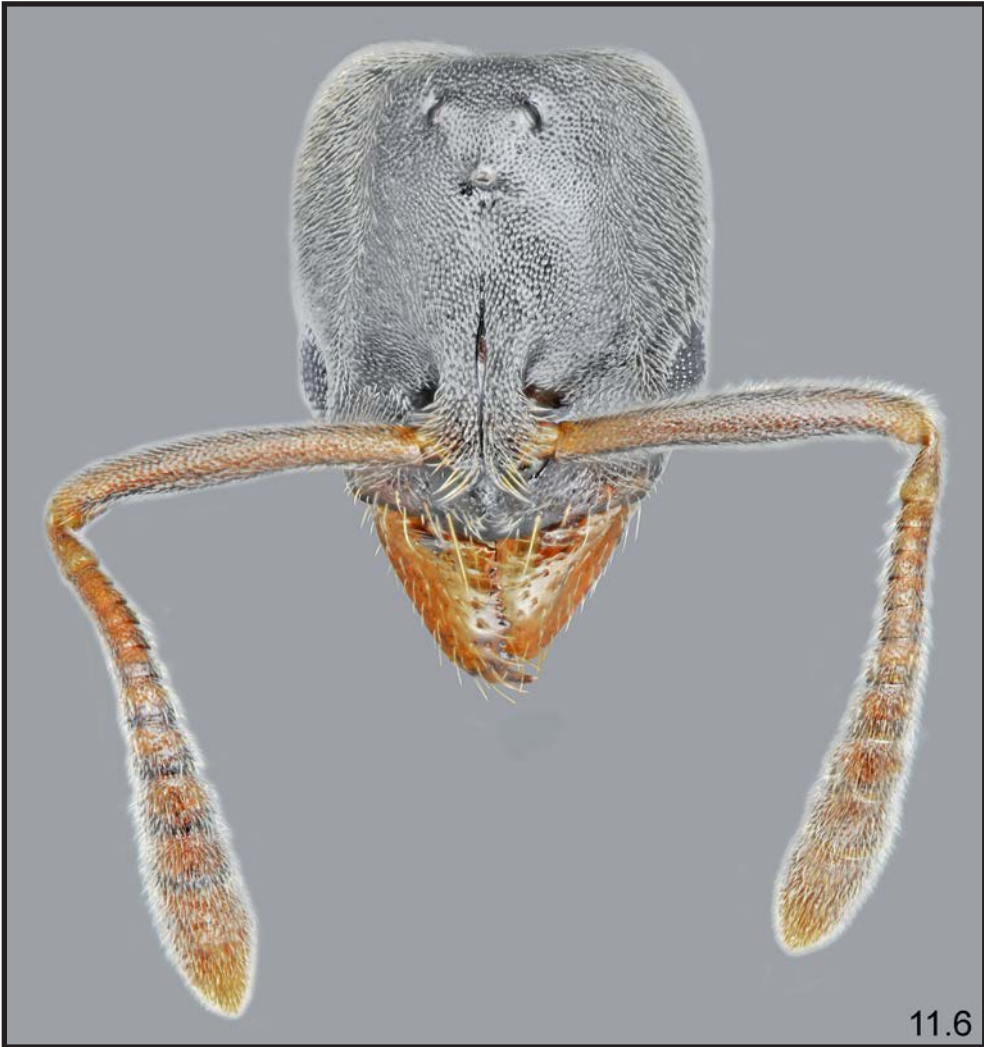


Fig. 11.6. *Hypoponera eduardi* (Forel) – gyne, head (photographed by Lech Borowiec)

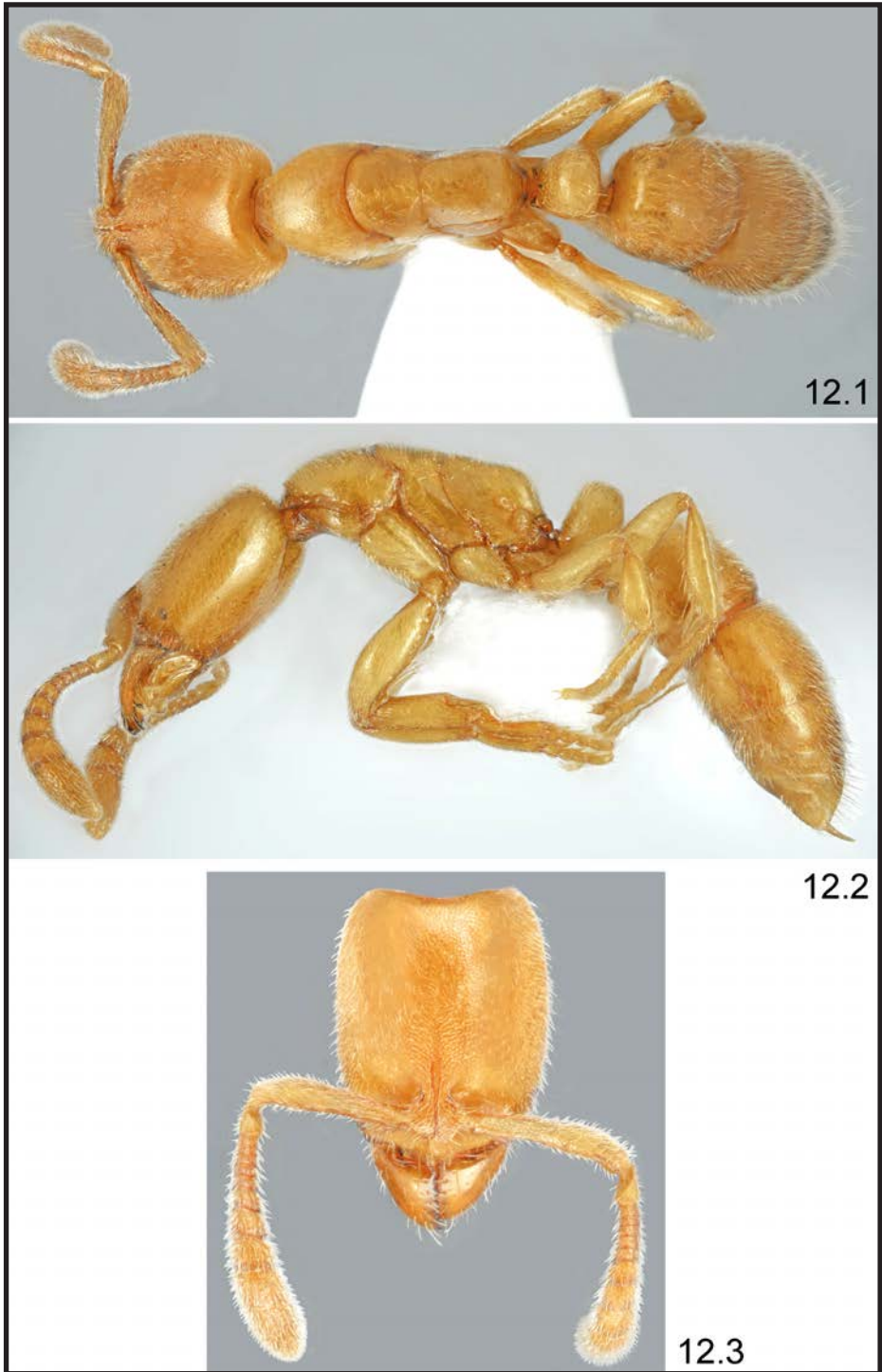


Fig. 12.1-3. *Hypoponera punctatissima* (Roger), pale form: 1 – worker, dorsal, 2 – worker, lateral, 3 – worker, head (photographed by Lech Borowiec)



Fig. 12.4-5. *Hypoponera punctatissima* (Roger), dark form: 4 – worker, dorsal, 5 – worker, lateral (photographed by Lech Borowiec)



Fig. 12.6. *Hypoponera punctatissima* (Roger), dark form – worker, head (photographed by Lech Borowiec)



Fig. 13.1-2. *Ponera coarctata* (Latreille): 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)

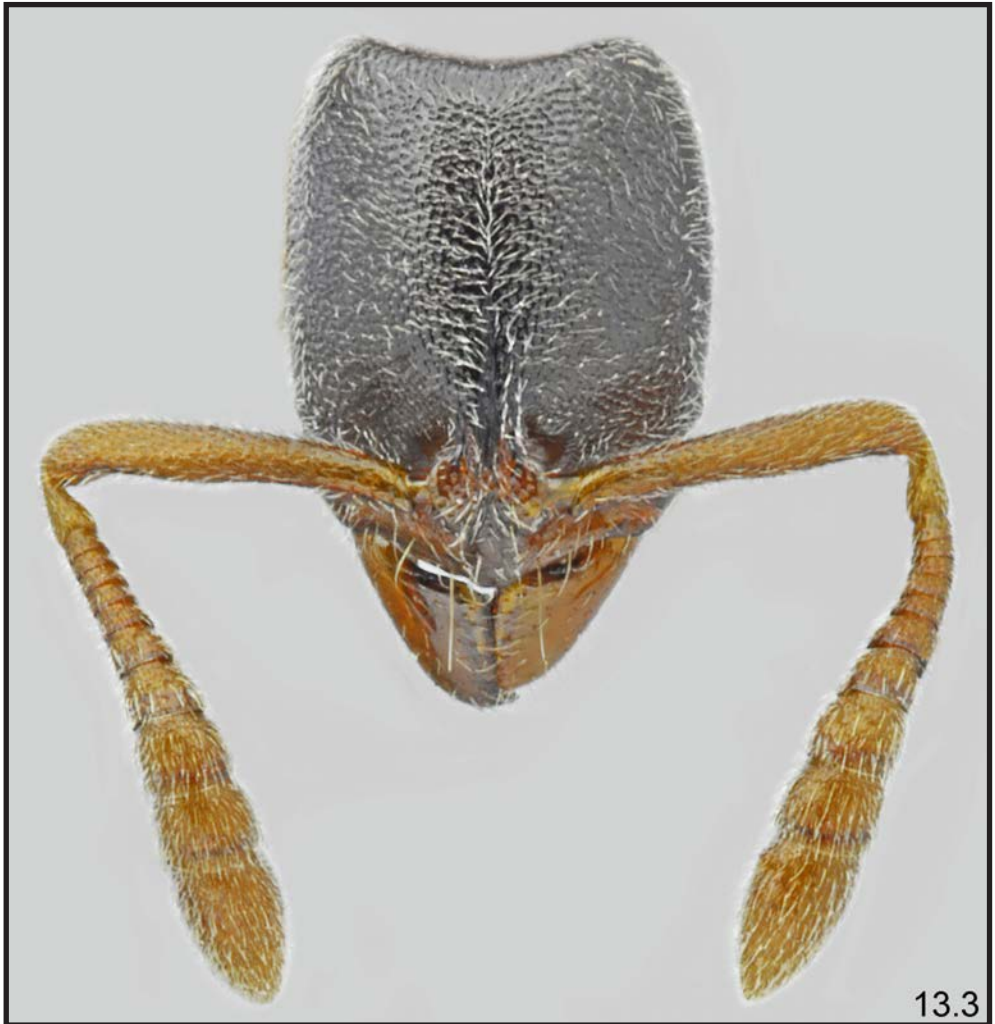


Fig. 13.3. *Ponera coarctata* (Latreille) – worker, head (photographed by Lech Borowiec)



Fig. 13.4-5. *Ponera coarctata* (Latreille): 4 – gyne, dorsal, 5 – gyne, lateral (photographed by Lech Borowiec)

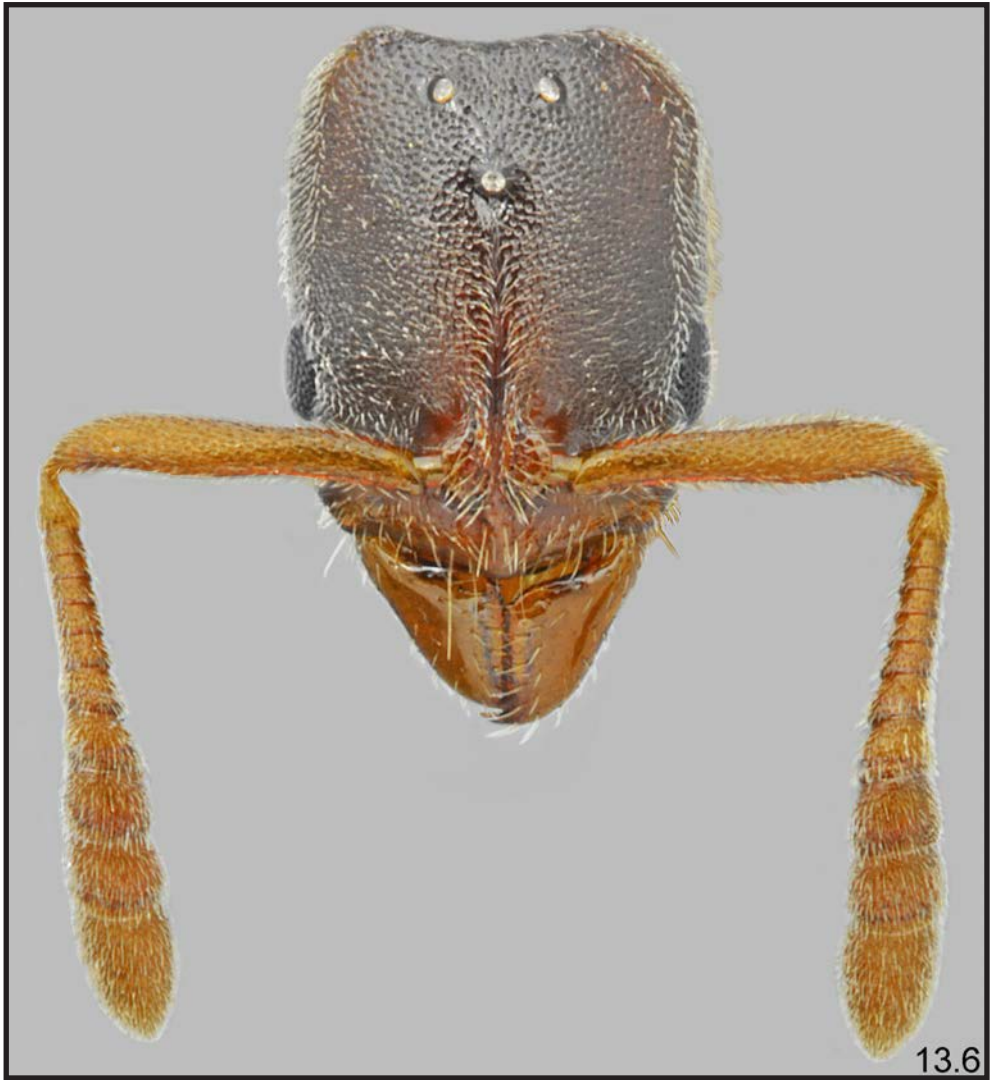


Fig. 13.6. *Ponera coarctata* (Latreille) – gyne, head (photographed by Lech Borowiec)



Fig. 13.7. *Ponera coarctata* (Latreille) – male, lateral (photographed by Lech Borowiec)



Fig. 14.1-2. *Ponera testacea* Emery: 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)

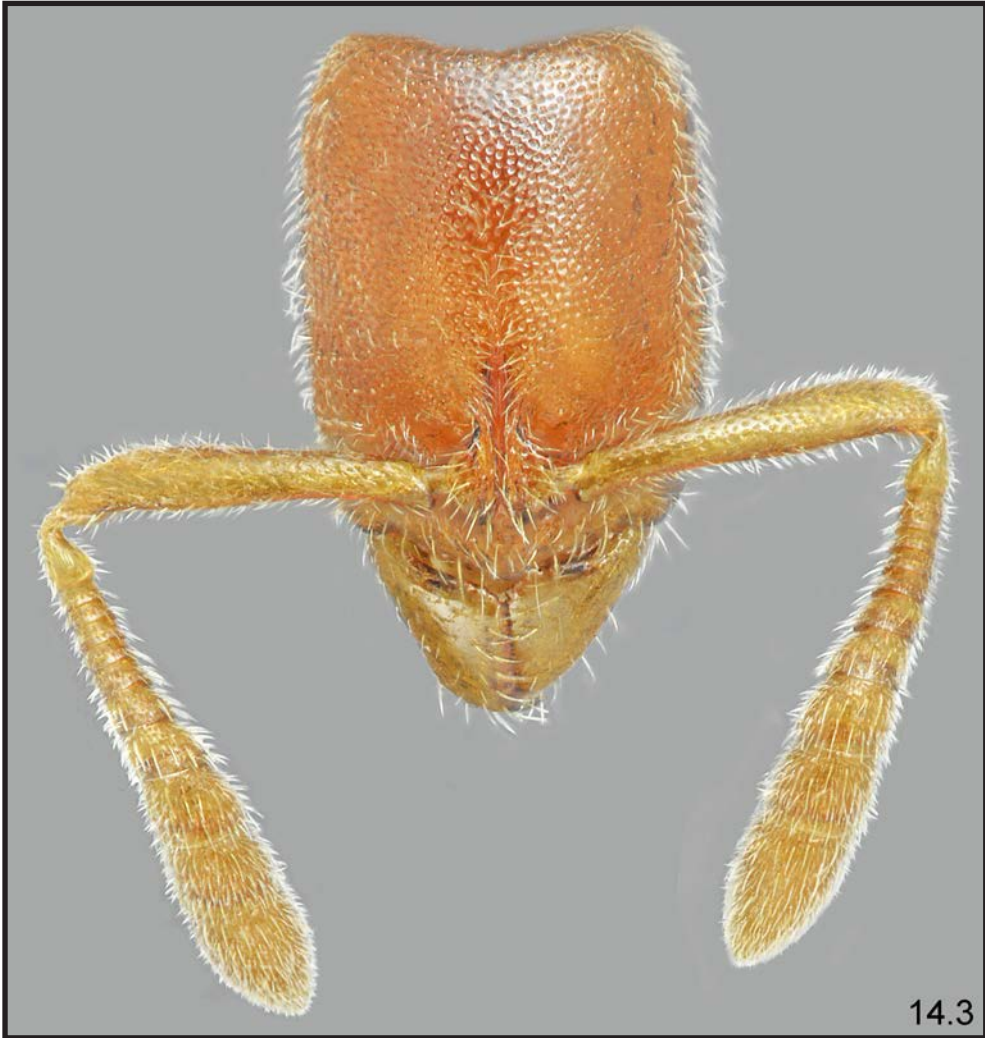


Fig. 14.3. *Ponera testacea* Emery – worker, head (photographed by Lech Borowiec)



Fig. 14.4. *Ponera testacea* Emery – male, lateral (photographed by Lech Borowiec)



Fig. 15.1-2. *Bothriomyrmex communista* Santschi: 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)



Fig. 15.3-4. *Bothriomyrmex communista* Santschi: 3 – worker, head, 4 – gyne, head (photographed by Lech Borowiec)



Fig. 15.5-6. *Bothriomyrmex communista* Santschi: 5 – gyne, dorsal, 6 – gyne, lateral (photographed by Lech Borowiec)



Fig. 15.7. *Bothriomyrmex communista* Santschi, male (photographed by Lech Borowiec)



Fig. 16.1-3. *Bothriomyrmex corsicus* Santschi: 1 – worker, dorsal, 2 – worker, lateral, 3 – worker, head (photographed by Lech Borowiec)



Fig. 17.1-2. *Dolichoderus quadripunctatus* (Linnaeus): 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)



Fig. 17.3-4. *Dolichoderus quadripunctatus* (Linnaeus): 3 – worker, head, 4 – gyne, head (photographed by Lech Borowiec)



Fig. 17.5-6. *Dolichoderus quadripunctatus* (Linnaeus): 5 – gyne, dorsal, 6 – gyne, lateral (photographed by Lech Borowiec)



Fig. 18.1-2. *Linepithema humile* (Mayr): 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)

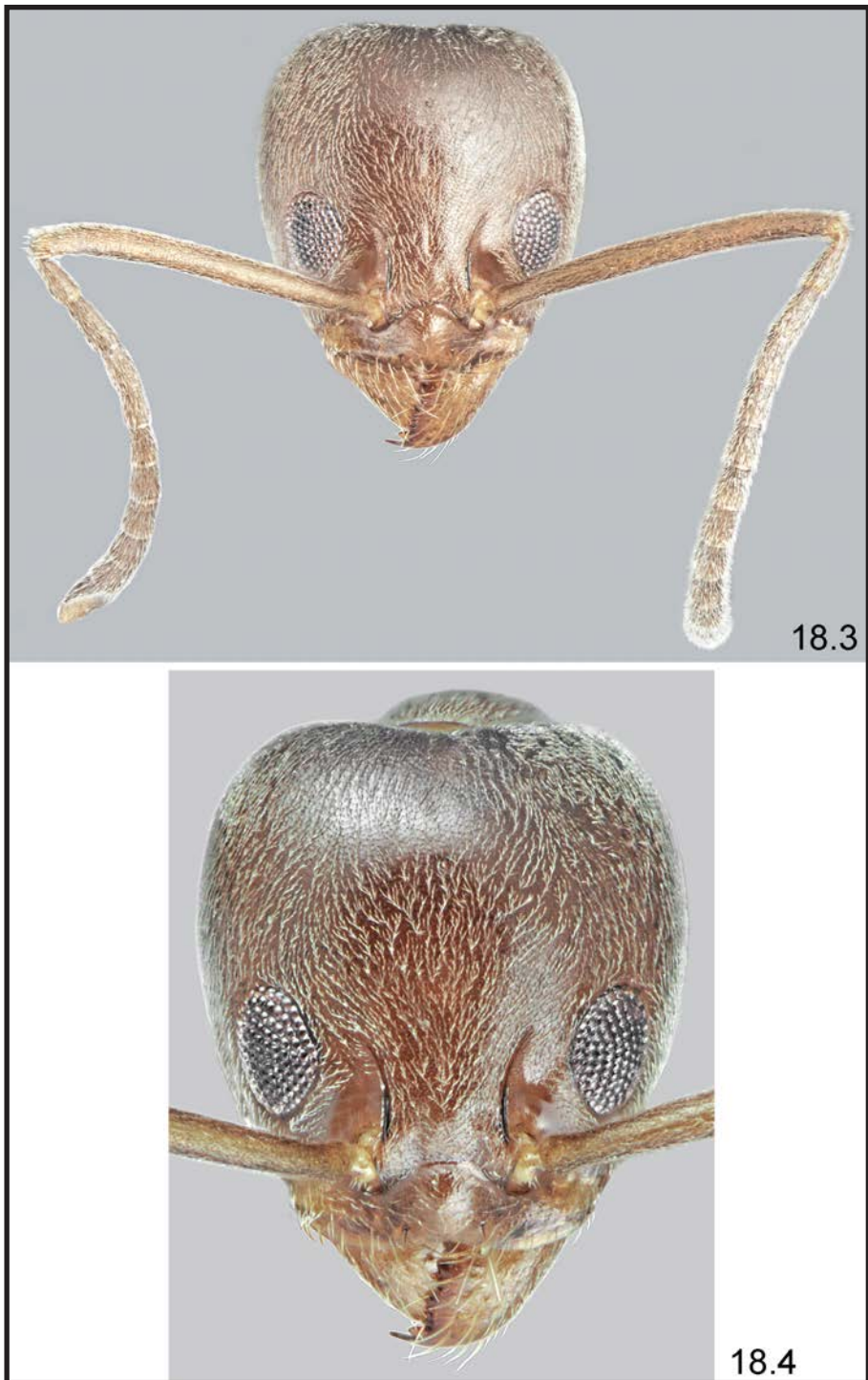


Fig. 18.3-4. *Linepithema humile* (Mayr): 3 – worker, head and antennae, 4 – worker, head (photographed by Lech Borowiec)



Fig. 18.5. *Linepithema humile* (Mayr) – male, lateral (photographed by Lech Borowiec)



Fig. 19.1-2. *Liometopum microcephalum* (Panzer): 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)

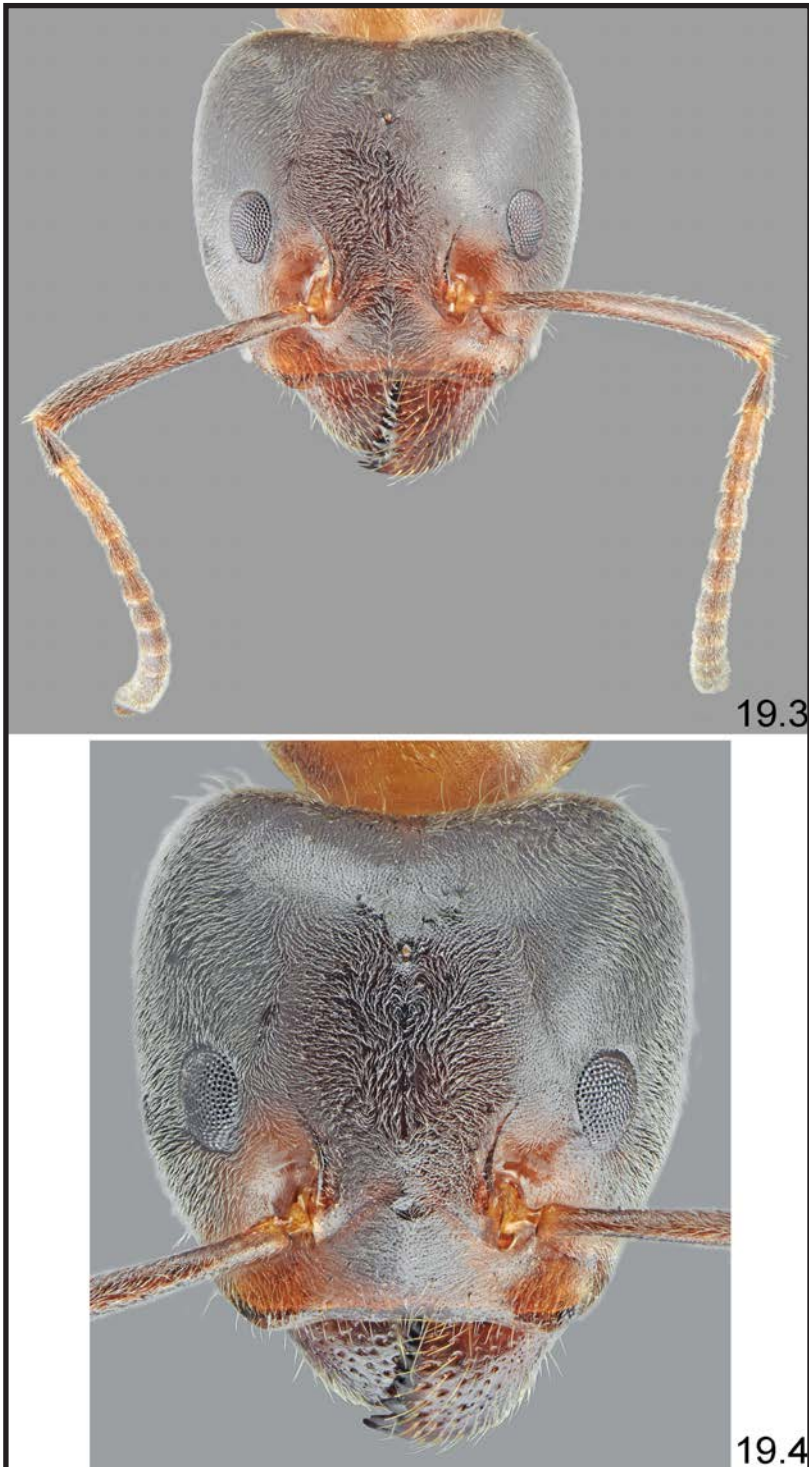


Fig. 19.3-4. *Liometopum microcephalum* (Panzer): 3 – worker, head and antennae, 4 – worker, head (photographed by Lech Borowiec)



Fig. 20.1-2. *Tapinoma cf. erraticum_BALC*: 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)



20.3



20.4

Fig. 20.3-4. *Tapinoma cf. erraticum*_BALC: 3 – worker, head, 4 – gyne, head (photographed by Lech Borowiec)



Fig. 20.5-6. *Tapinoma cf. erraticum*_BALC: 5 – gyne, dorsal, 6 – gyne, lateral (photographed by Lech Borowiec)

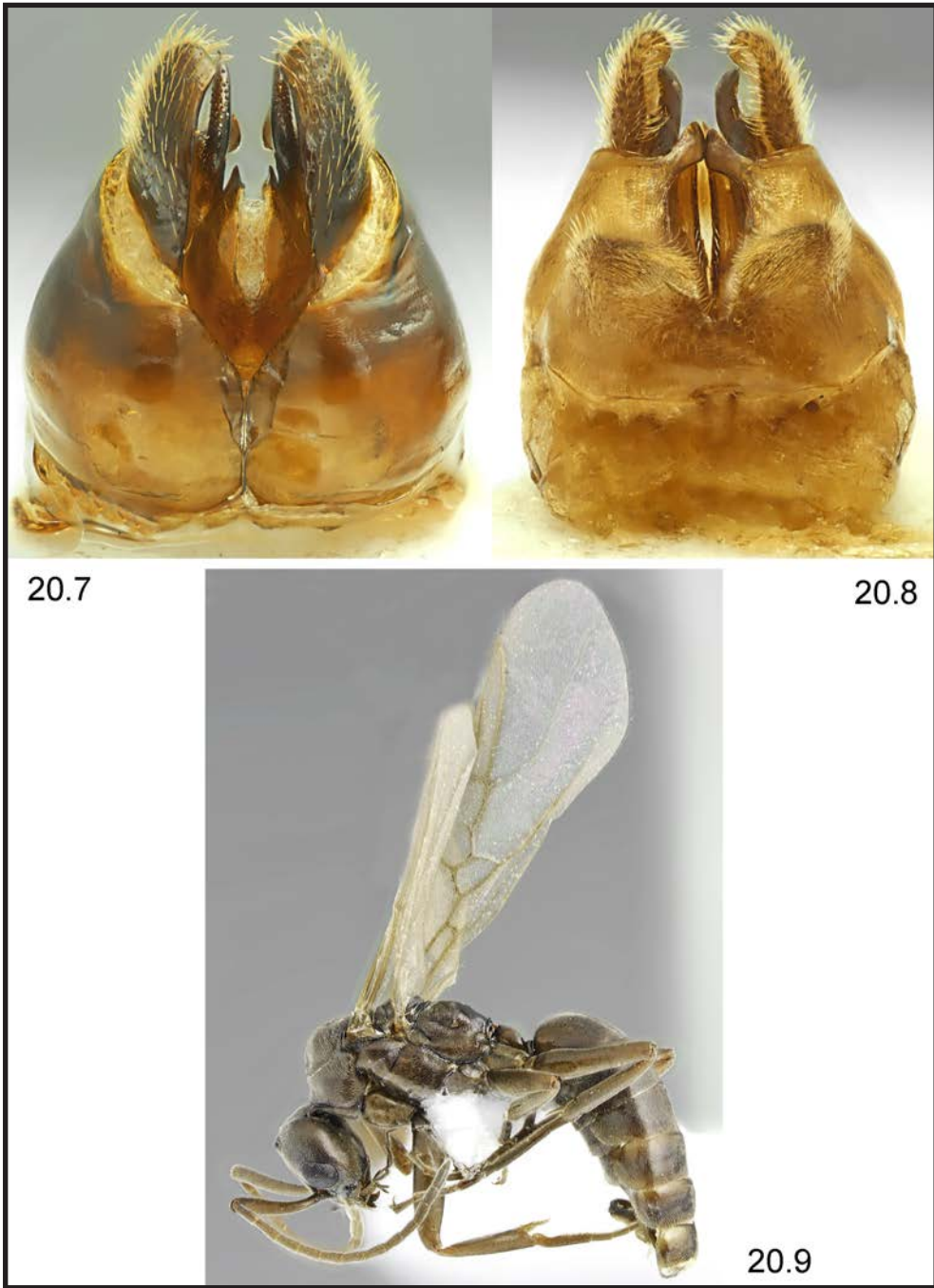


Fig. 20.7-9. *Tapinoma cf. erraticum_BALC*: 7 – male genitalia dorsal, 8 – male genitalia ventral, 9 – male, lateral (photographed by Lech Borowiec)



Fig. 21.1-2. *Tapinoma erraticum* (Latreille): 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)



Fig. 21.3-4. *Tapinoma erraticum* (Latreille): 3 – worker, head and antennae, 4 – worker, head (photographed by Lech Borowiec)

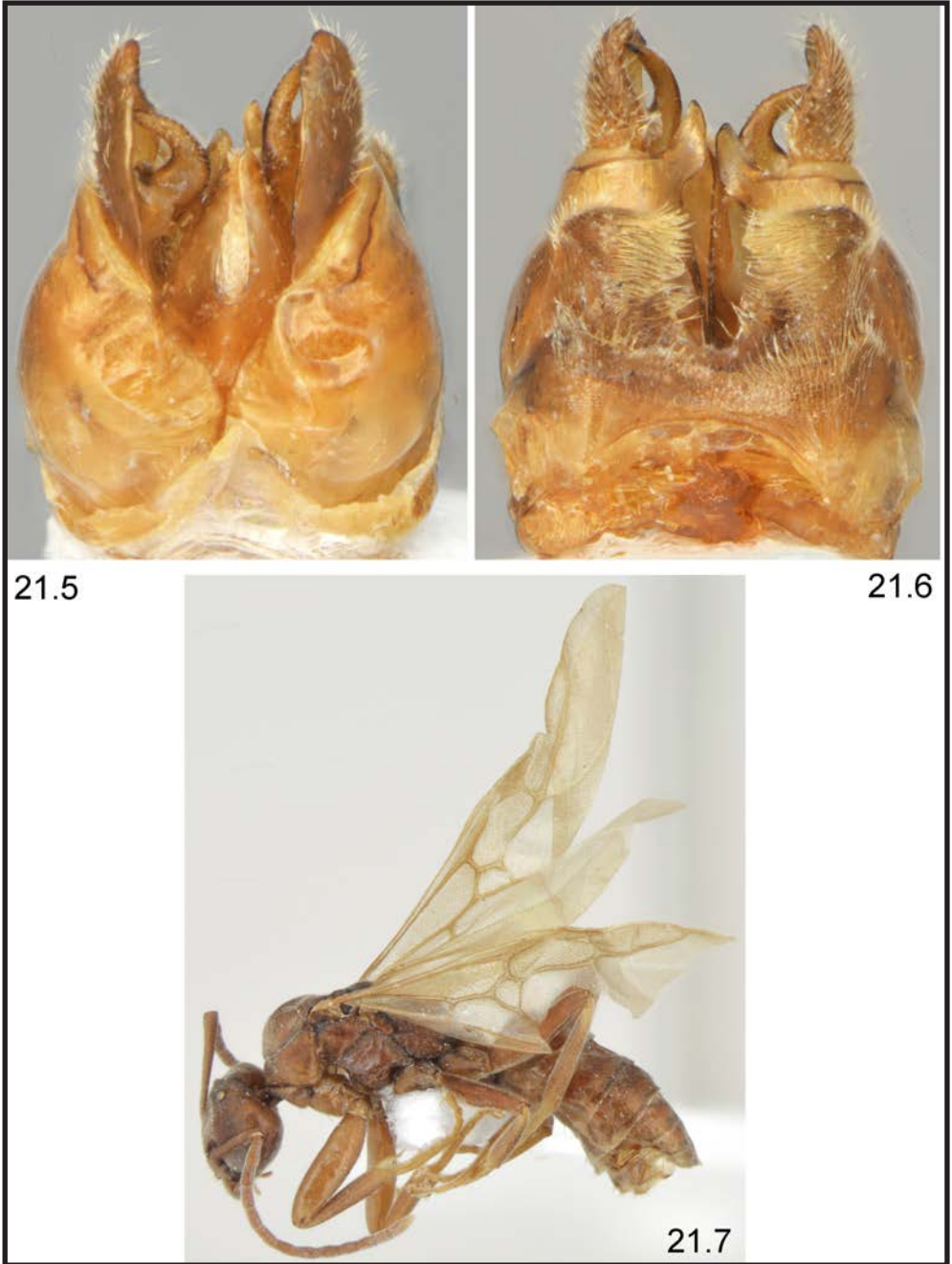


Fig. 21.5-7. *Tapinoma erraticum* (Latreille): 5 – male genitalia dorsal, 6 – male genitalia ventral, 7 – male, lateral (photographed by Lech Borowiec)



Fig. 22.1-2. *Tapinoma festae* Emery: 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)



Fig. 22.3-4. *Tapinoma festae* Emery: 3 – worker, head, 4 – gyne, head (photographed by Lech Borowiec)



Fig. 22.5-6. *Tapinoma festae* Emery: 5 – gyne, dorsal, 6 – gyne, lateral (photographed by Lech Borowiec)



Fig. 22.7-9. *Tapinoma festae* Emery: 7 – male genitalia dorsal, 8 – male genitalia ventral, 9 – male, lateral (photographed by Lech Borowiec)



Fig. 23.1-2. *Tapinoma magnum* Mayr: 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)

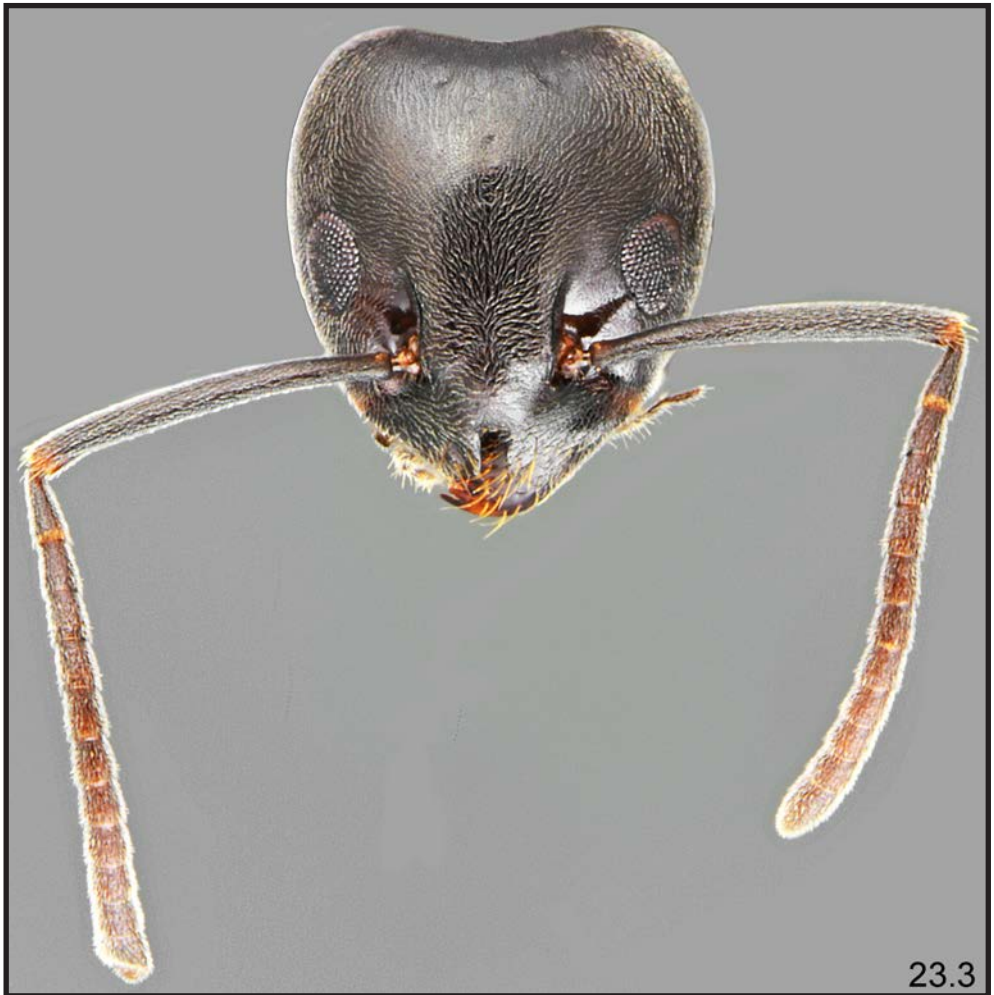


Fig. 23.3. *Tapinoma magnum* May – worker, head (photographed by Lech Borowiec)

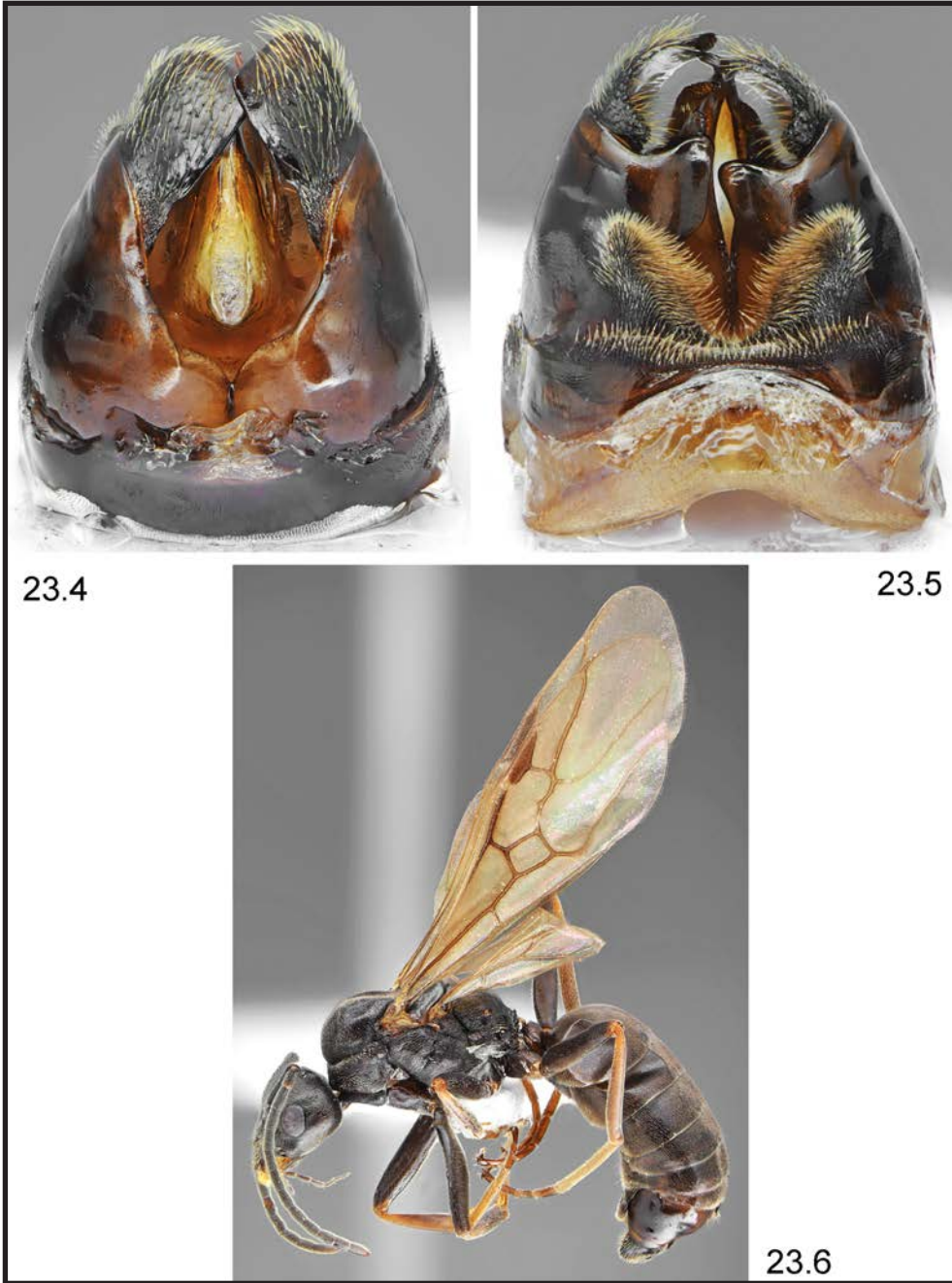


Fig. 23.4-6. *Tapinoma magnum* Mayr: 4 – male genitalia dorsal, 5 – male genitalia ventral, 6 – male, lateral (photographed by Lech Borowiec)



Fig. 24.1-2. *Tapinoma simrothi* Krausse: 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)

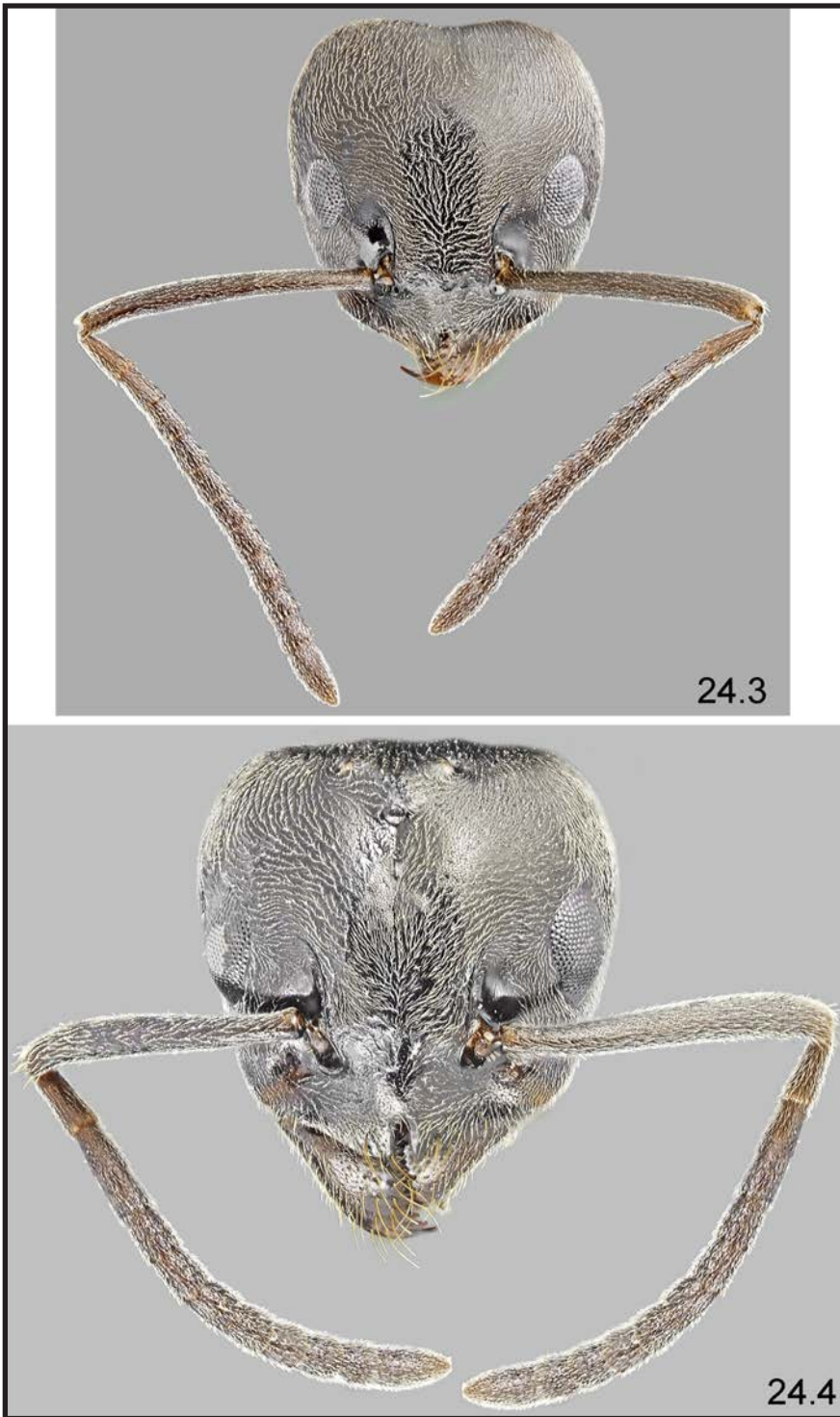


Fig. 24.3-4. *Tapinoma simrothi* Krausse: 3 – worker, head, 4 – gyne, head (photographed by Lech Borowiec)



Fig. 24.5-6. *Tapinoma simrothi* Krausse: 5 – gyne, dorsal, 6 – gyne, lateral (photographed by Lech Borowiec)

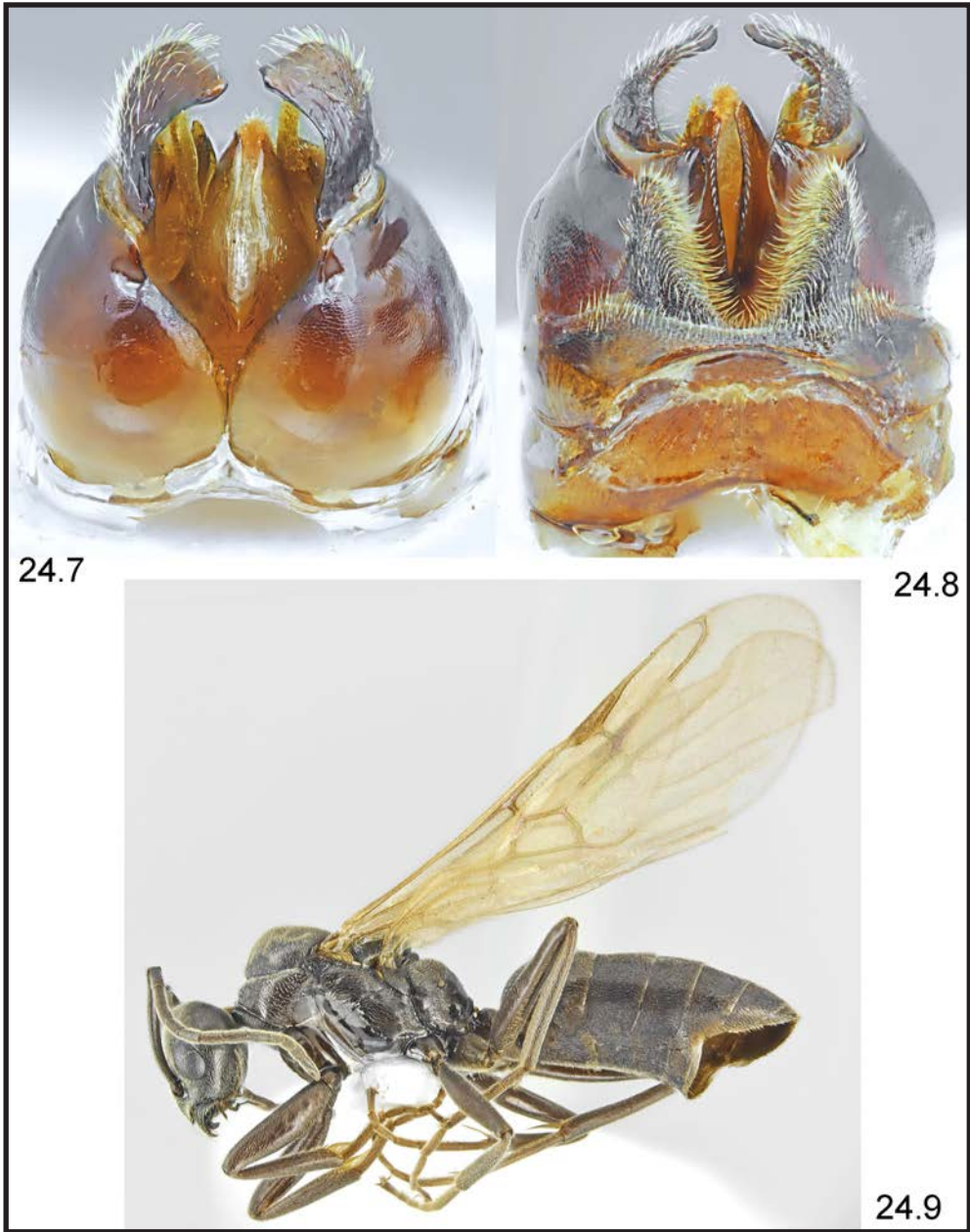


Fig. 24.7-9. *Tapinoma simrothi* Krausse: 7 – male genitalia dorsal, 8 – male genitalia ventral, 9 – male, lateral (photographed by Lech Borowiec)



Fig. 25.1-2. *Tapinoma subboreale* Seifert: 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)

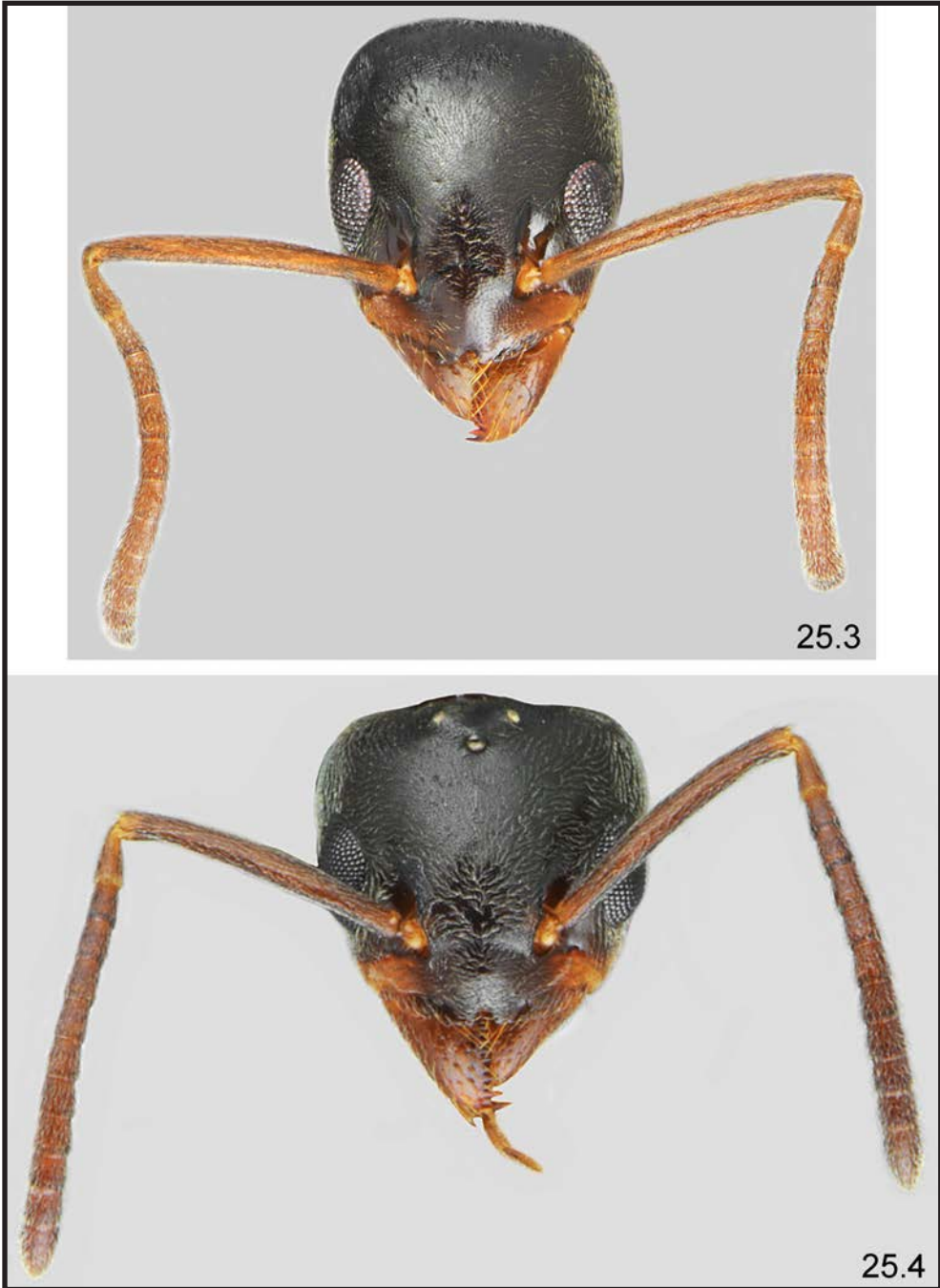


Fig. 25.3-4. *Tapinoma subboreale* Seifert: 3 – worker, head, 4 – gyne, head (photographed by Lech Borowiec)



Fig. 25.5-6. *Tapinoma subboreale* Seifert: 5 – gyne, dorsal, 6 – gyne, lateral (photographed by Lech Borowiec)

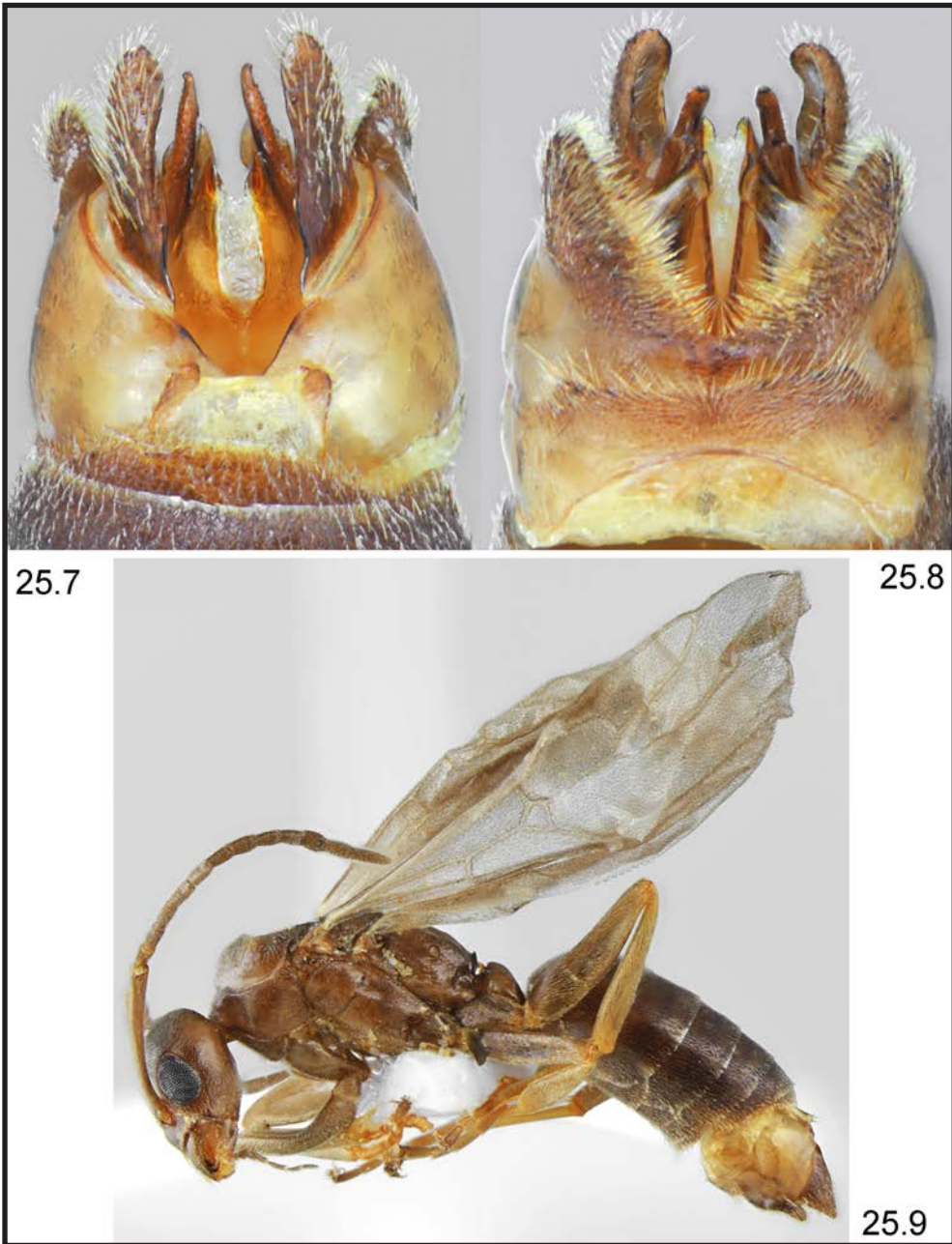


Fig. 25.7-9. *Tapinoma subboreale* Seifert: 7 – male genitalia dorsal, 8 – male genitalia ventral, 9 – male, lateral (photographed by Lech Borowiec)



Fig. 26.1-2. *Acropyga palearctica* Krausse: 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)



Fig. 26.3-4. *Acropyga paleartica* Krausse: 3 – worker, head, 4 – gyne, head (photographed by Lech Borowiec)



Fig. 26.5-6. *Acropyga palearctica* Krausse: 5 – gyne, dorsal, 6 – gyne, lateral (photographed by Lech Borowiec)



Fig. 27.1-2. *Anoplolepis gracilipes* (Smith): 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)

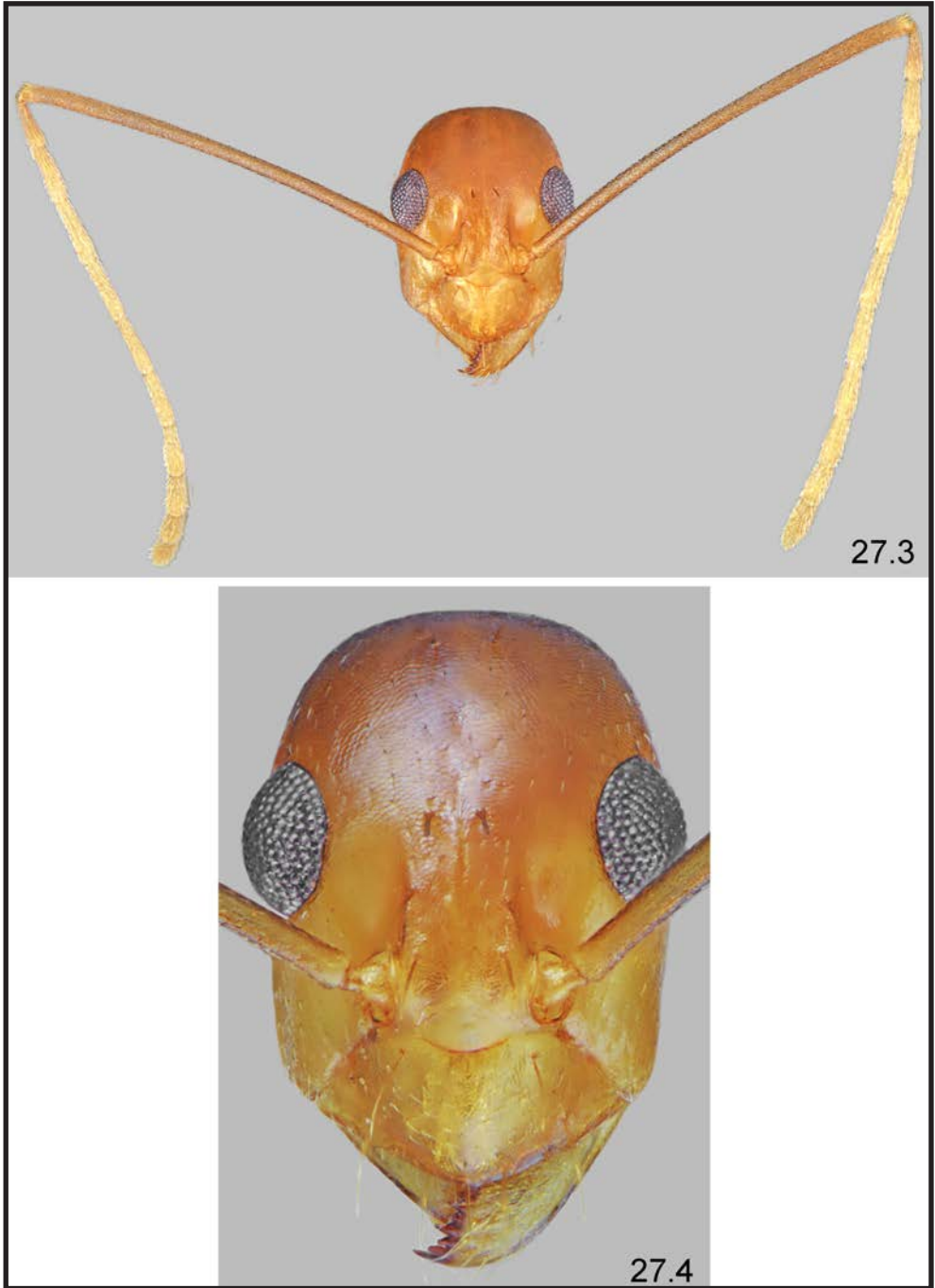


Fig. 27.3-4. *Anoplolepis gracilipes* (Smith): 3 – worker, head and antennae, 4 – worker, head (photographed by Lech Borowiec)



Fig. 28.1-2. *Camponotus herculeanus* (Linnaeus): 1 – minor worker, dorsal, 2 – minor worker, lateral (photographed by Lech Borowiec)

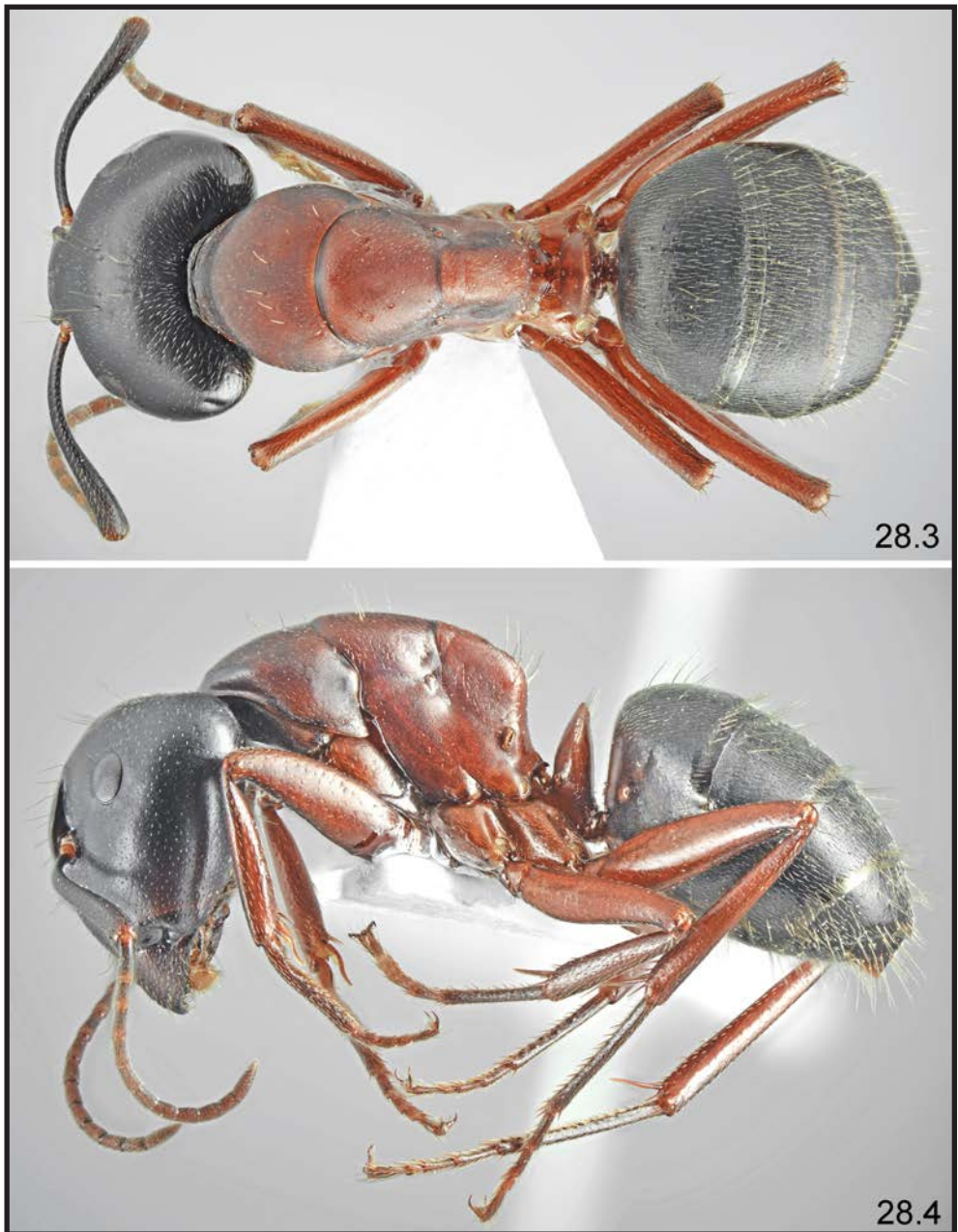


Fig. 28.3-4. *Camponotus herculeanus* (Linnaeus): 3 – major worker, dorsal, 4 – major worker, lateral (photographed by Lech Borowiec)

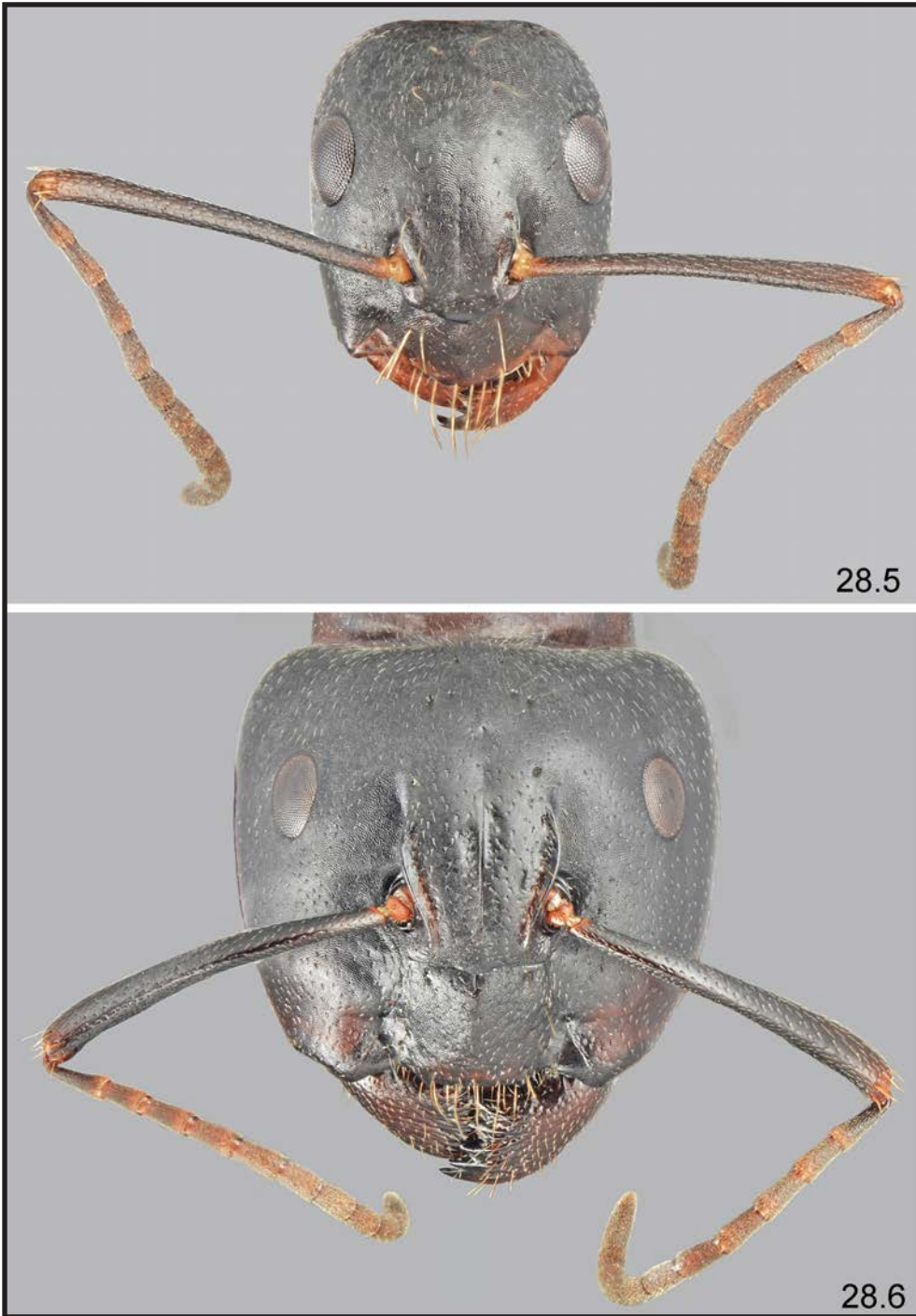


Fig. 28.5-6. *Camponotus herculeanus* (Linnaeus): 5 – minor worker, head, 6 – major worker, head (photographed by Lech Borowiec)

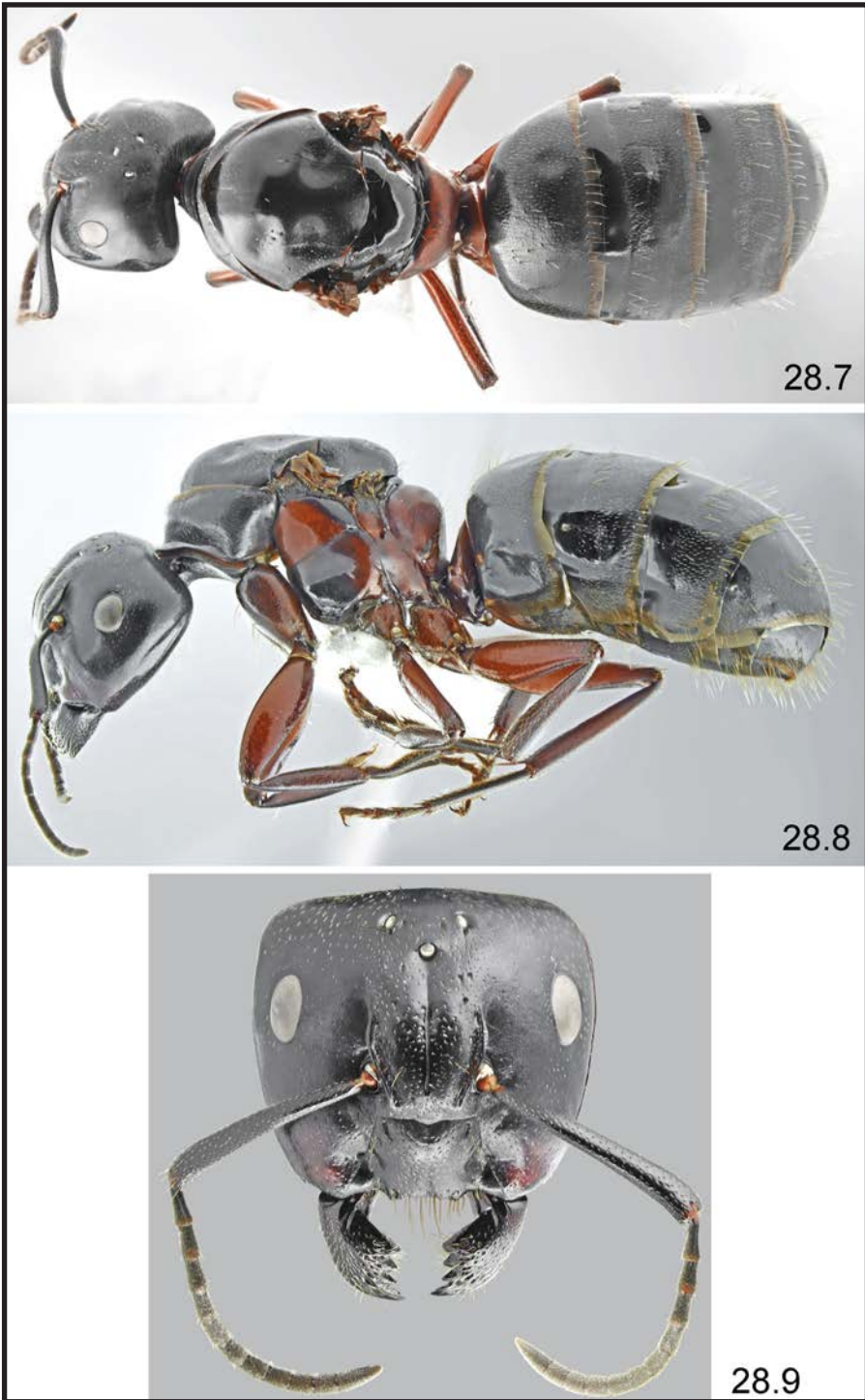


Fig. 28.7-9. *Camponotus herculeanus* (Linnaeus): 7 – gyne, dorsal, 8 – gyne, lateral, 9 – gyne, head (photographed by Lech Borowiec)



Fig. 29.1-2. *Camponotus ligniperda* (Latreille): 1 – minor worker, dorsal, 2 – minor worker, lateral (photographed by Lech Borowiec)



Fig. 29.3-4. *Camponotus ligniperda* (Latreille): 3 –major worker, dorsal, 4 – major worker, lateral (photographed by Lech Borowiec)



Fig. 29.5-6. *Camponotus ligniperda* (Latreille): 5 – minor worker, head, 6 – major worker, head (photographed by Lech Borowiec)

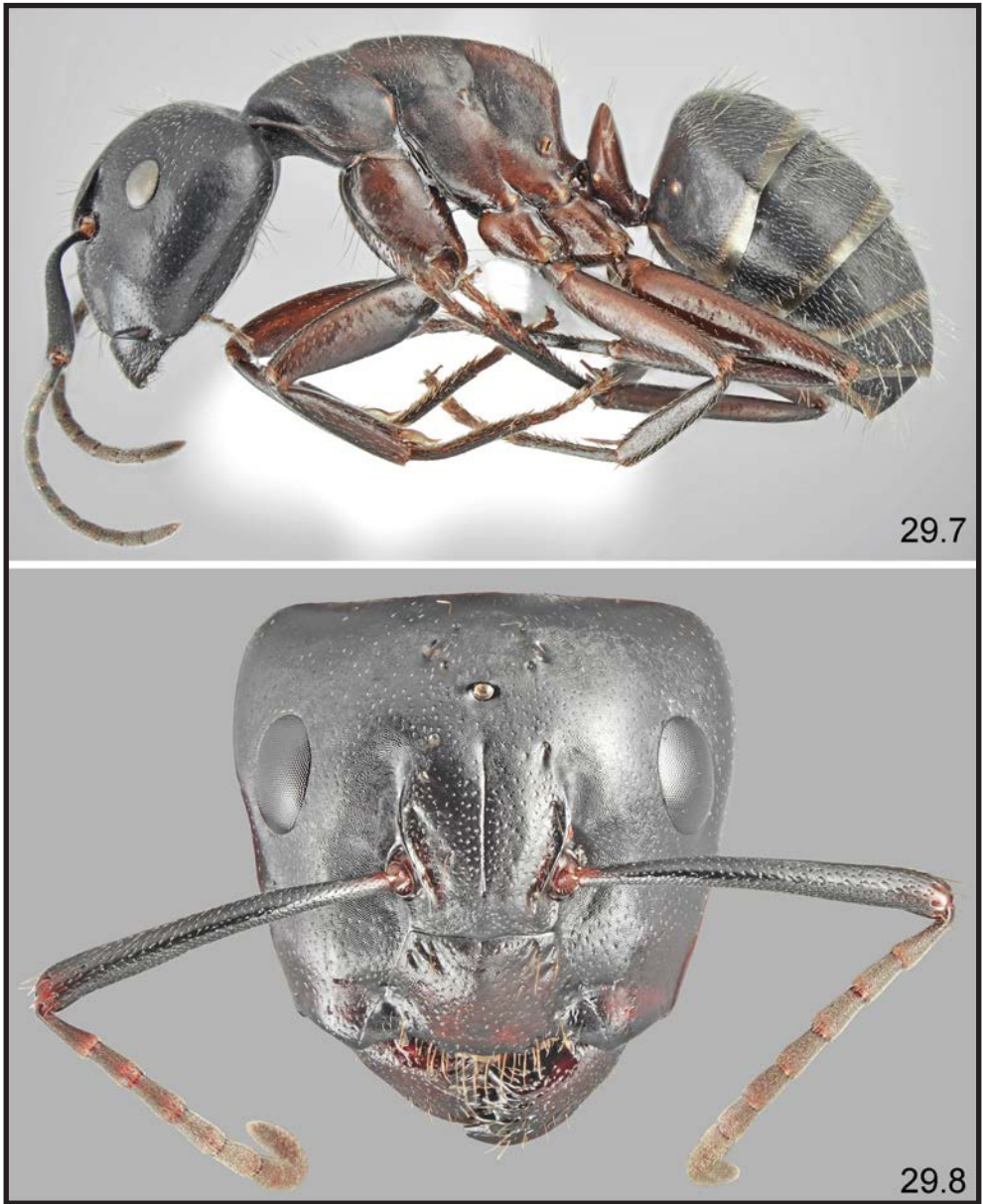


Fig. 29.7-8. *Camponotus ligniperda* (Latreille): 7 – dark worker, lateral, 8 – gyne, head (photographed by Lech Borowiec)



Fig. 29.9-10. *Camponotus ligniperda* (Latreille): 9 – gyne, dorsal, 10 – gyne, lateral (photographed by Lech Borowiec)



Fig. 30.1-2. *Camponotus vagus* (Scopoli): 1 – minor worker, dorsal, 2 – minor worker, lateral (photographed by Lech Borowiec)

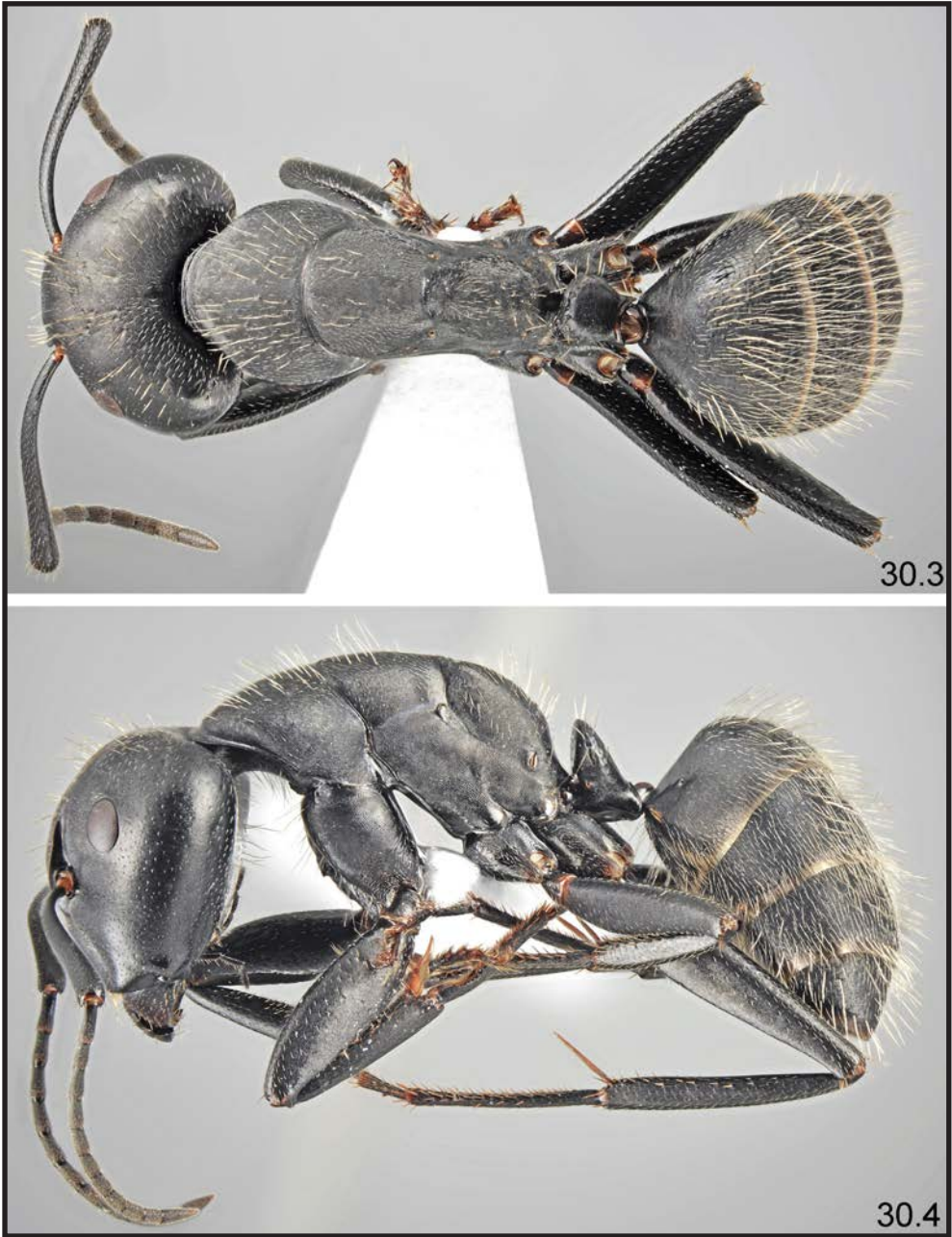


Fig. 30.3-4. *Camponotus vagus* (Scopoli): 3 –major worker, dorsal, 4 – major worker, lateral (photographed by Lech Borowiec)



Fig. 30.5-6. *Camponotus vagus* (Scopoli): 5 – minor worker, head, 6 – major worker, head (photographed by Lech Borowiec)



Fig. 30.7-8. *Camponotus vagus* (Scopoli): 7 – gyne, dorsal, 8 – gyne, lateral (photographed by Lech Borowiec)



Fig. 30.9-10. *Camponotus vagus* (Scopoli): 9 – gyne, head, 10 – male, lateral (photographed by Lech Borowiec)

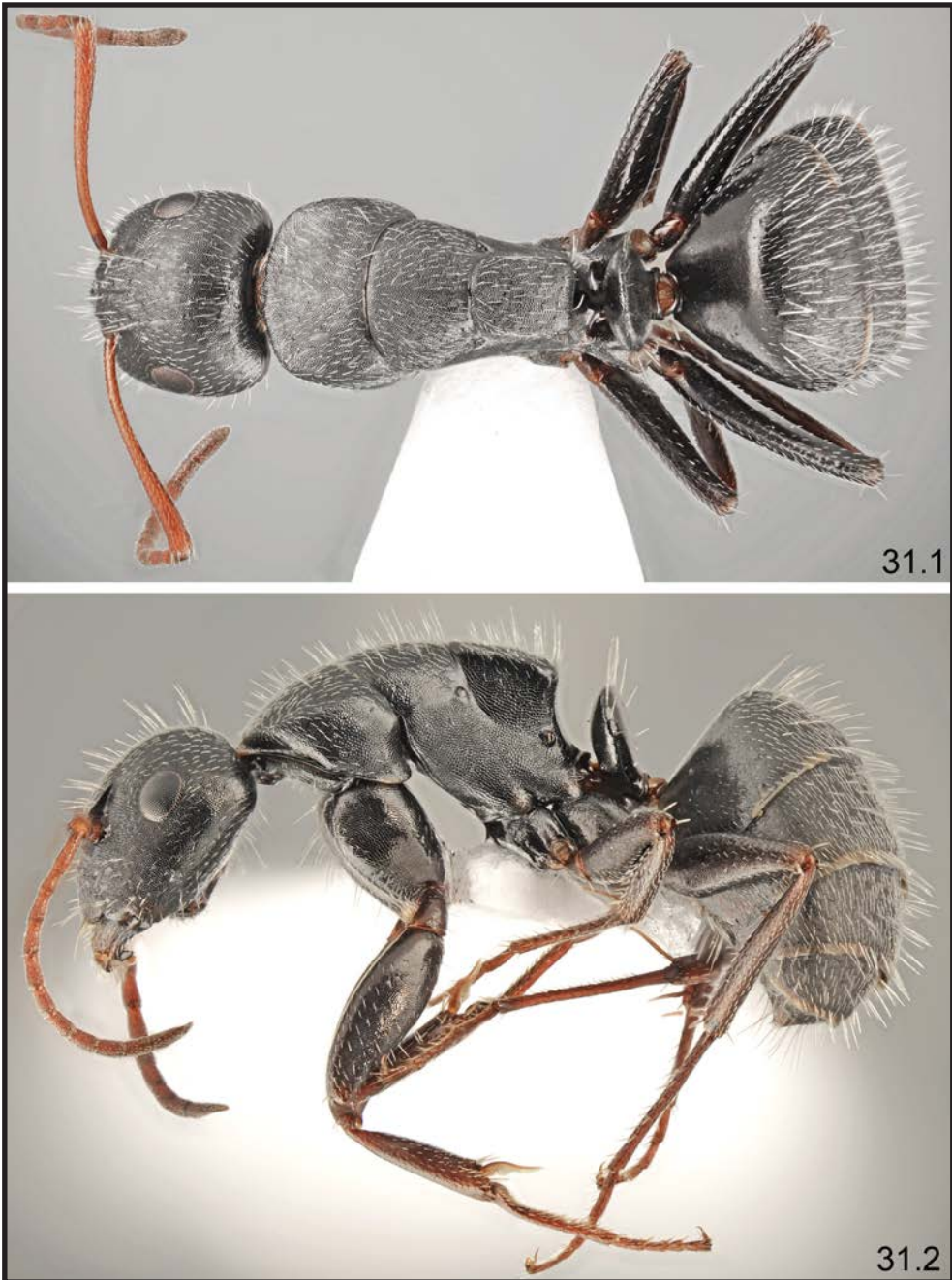


Fig. 31.1-2. *Camponotus aegaeus* Emery: 1 – minor worker, dorsal, 2 – minor worker, lateral (photographed by Lech Borowiec)

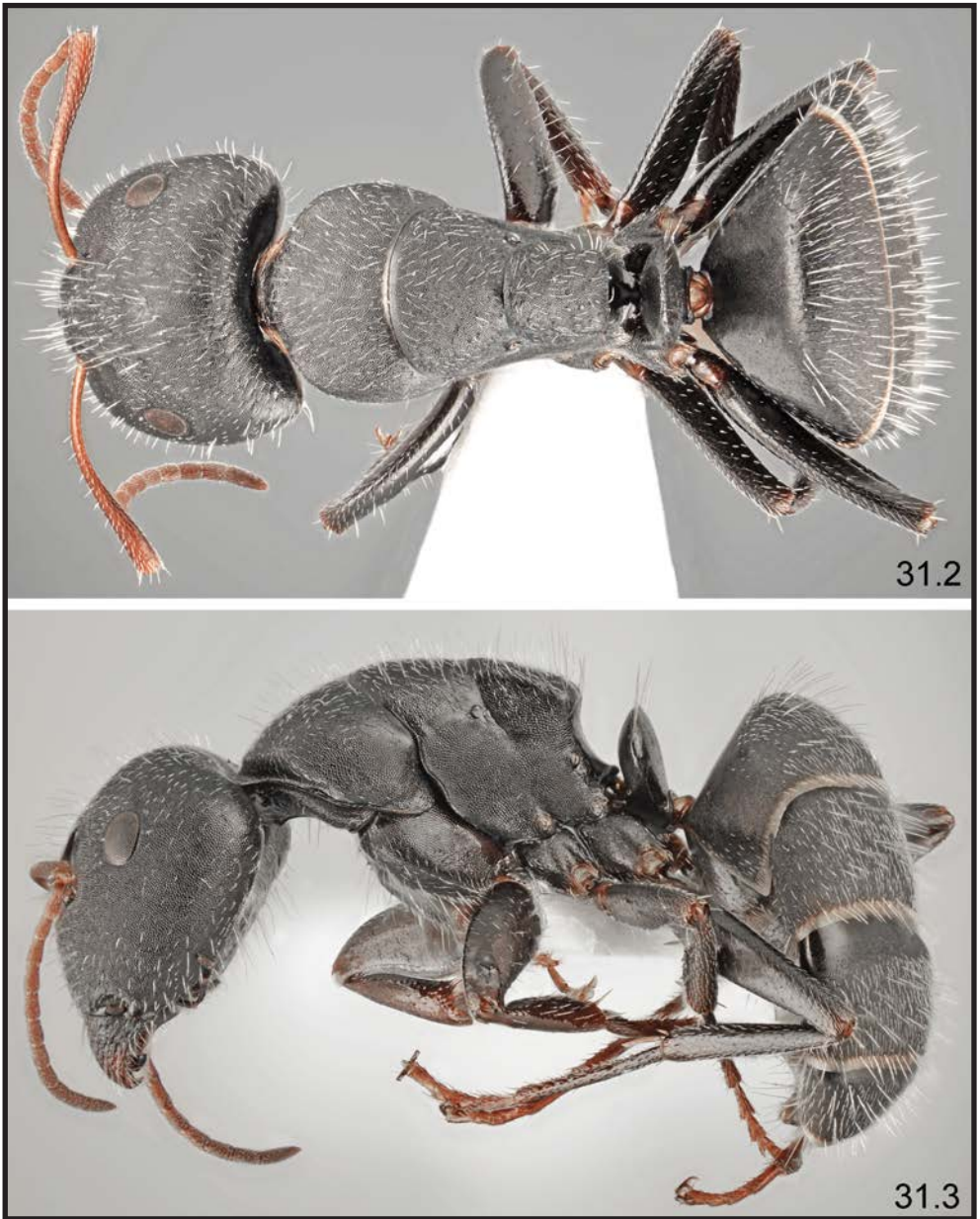


Fig. 31.3-4. *Camponotus aegaeus* Emery: 3 –major worker, dorsal, 4 – major worker, lateral (photographed by Lech Borowiec)



Fig. 31.5-6. *Camponotus aegaeus* Emery: 5 – minor worker, head, 6 – major worker, head (photographed by Lech Borowiec)



Fig. 31.7-8. *Camponotus aegaeus* Emery: 7 – gyne, dorsal, 8 – gyne, lateral (photographed by Lech Borowiec)



Fig. 32.1-2. *Camponotus aktaci* Karaman: 1 – minor worker, dorsal, 2 – minor worker, lateral (photographed by Lech Borowiec)



Fig. 32.3-4. *Camponotus aktaci* Karaman: 3 –major worker, dorsal, 4 – major worker, lateral (photographed by Lech Borowiec)



Fig. 32.5-6. *Camponotus aktaci* Karaman: 5 – minor worker, head, 6 – major worker, head (photographed by Lech Borowiec)



Fig. 33.1-2. *Camponotus anatolicus* Karaman & Aktaç: 1 – minor worker, dorsal, 2 – minor worker, lateral (photographed by Roland Schultz, from www.antweb.org)



Fig. 33.3-4. *Camponotus anatolicus* Karaman & Aktaç: 3 – medium worker, dorsal, 4 – medium worker, lateral (photographed by Lech Borowiec)



Fig. 33.5-6. *Camponotus anatolicus* Karaman & Aktaç: 5 – minor worker, head, 6 – major worker, head (6 – photographed by Roland Schultz, from www.antweb.org)



Fig. 33.7-8. *Camponotus anatolicus* Karaman & Aktaç: 7 – major worker, dorsal, 8 – major worker, lateral (photographed by Roland Schultz, from www.antweb.org)



Fig. 34.1-2. *Camponotus atricolor* Nylander: 1 – minor worker, dorsal, 2 – minor worker, lateral (photographed by Lech Borowiec)

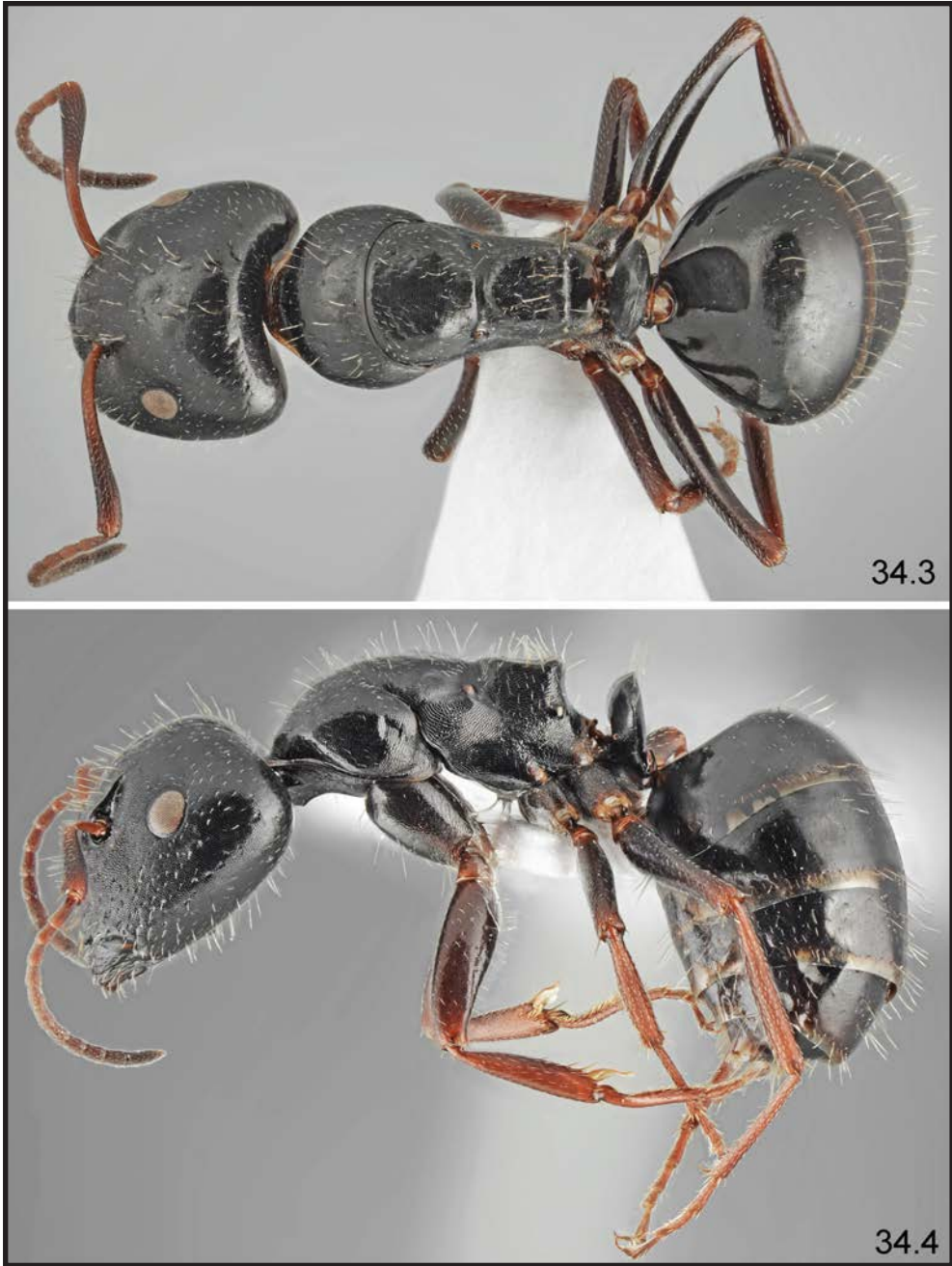


Fig. 34.3-4. *Camponotus atricolor* Nylander: 3 –major worker, dorsal, 4 – major worker, lateral (photographed by Lech Borowiec)



Fig. 34.5-6. *Camponotus atricolor* Nylander: 5 – minor worker, head, 6 – major worker, head (photographed by Lech Borowiec)



Fig. 35.1-2. *Camponotus boghossiani* Forel: 1 – minor worker, dorsal, 2 – minor worker, lateral (photographed by Lech Borowiec)



Fig. 35.3-4. *Camponotus boghossiani* Forel: 3 –major worker, dorsal, 4 – major worker, lateral (photographed by Lech Borowiec)



Fig. 35.5-6. *Camponotus boghossiani* Forel: 5 – minor worker, head, 6 – major worker, head (photographed by Lech Borowiec)



Fig. 35.7-8. *Camponotus boghossiani* Forel: 7 – gyne, dorsal, 8 – gyne, lateral (photographed by Lech Borowiec)



Fig. 35.9. *Camponotus boghossiani* Fore – gyne, head (photographed by Lech Borowiec)



Fig. 36.1-2. *Camponotus candiotes* Emery: 1 – minor worker, dorsal, 2 – minor worker, lateral (photographed by Lech Borowiec)

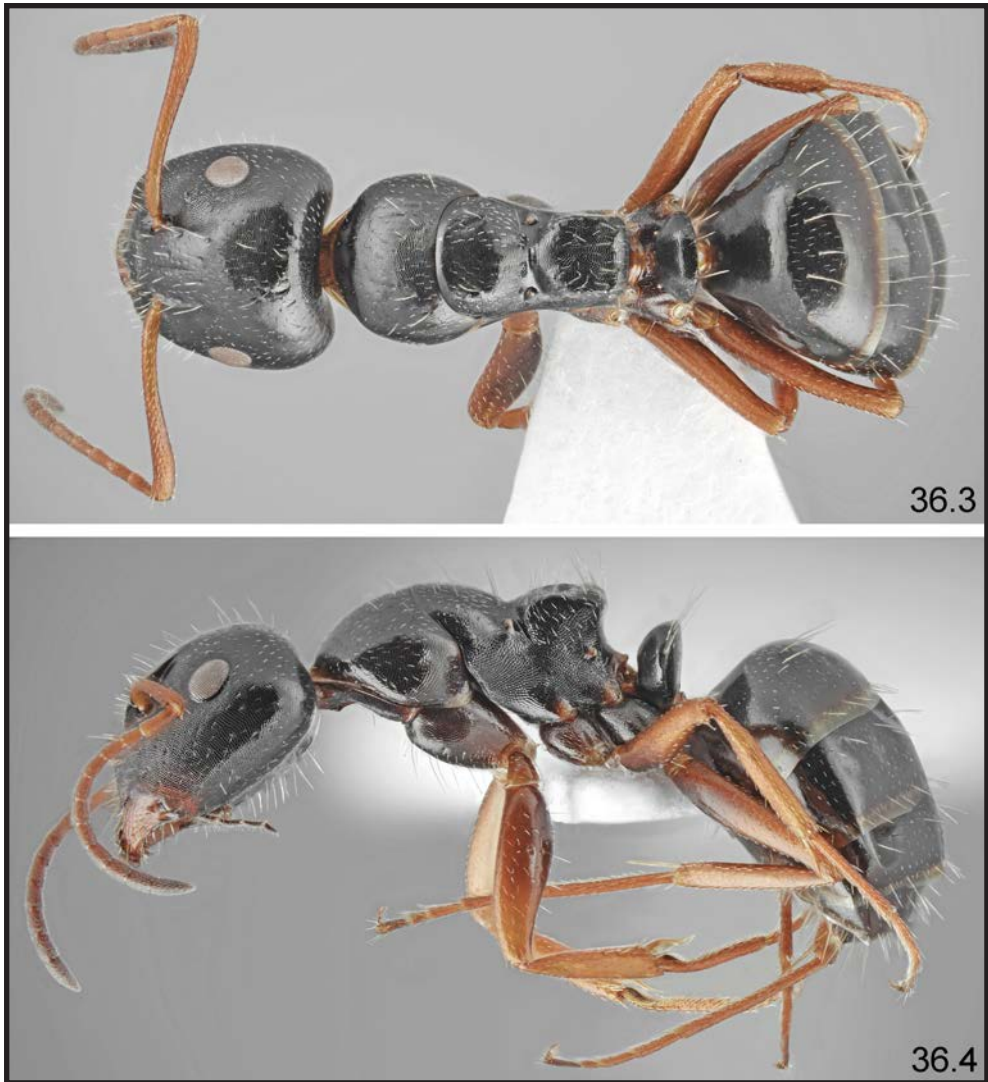


Fig. 36.3-4. *Camponotus candiotes* Emery: 3 –major worker, dorsal, 4 – major worker, lateral (photographed by Lech Borowiec)



Fig. 36.5-6. *Camponotus candiotes* Emery: 5 – minor worker, head, 6 – major worker, head (photographed by Lech Borowiec)



Fig. 36.7-8. *Camponotus candiotes* Emery: 7 – gyne, dorsal, 8 – gyne, lateral (photographed by Lech Borowiec)



Fig. 37.1-2. *Camponotus dalmaticus* (Nylander): 1 – minor worker, dorsal, 2 – minor worker, lateral (photographed by Lech Borowiec)



Fig. 37.3-4. *Camponotus dalmaticus* (Nylander): 3 –major worker, dorsal, 4 – major worker, lateral (photographed by Lech Borowiec)



Fig. 37.5-6. *Camponotus dalmaticus* (Nylander): 5 – the palest minor worker, 6 – the darkest major worker (photographed by Lech Borowiec)



Fig. 37.7-8. *Camponotus dalmaticus* (Nylander): 7 – minor worker, head, 8 – major worker, head (photographed by Lech Borowiec)



Fig. 37.9-10. *Camponotus dalmaticus* (Nylander): 9 – gyne, dorsal, 10 – gyne, lateral (photographed by Lech Borowiec)



Fig. 37.11-12. *Camponotus dalmaticus* (Nylander): 11 – gyne, head, 12 – male, lateral (photographed by Lech Borowiec)



Fig. 38.1-2. *Camponotus fallax* Nylander: 1 – minor worker, dorsal, 2 – minor worker, lateral (photographed by Lech Borowiec)

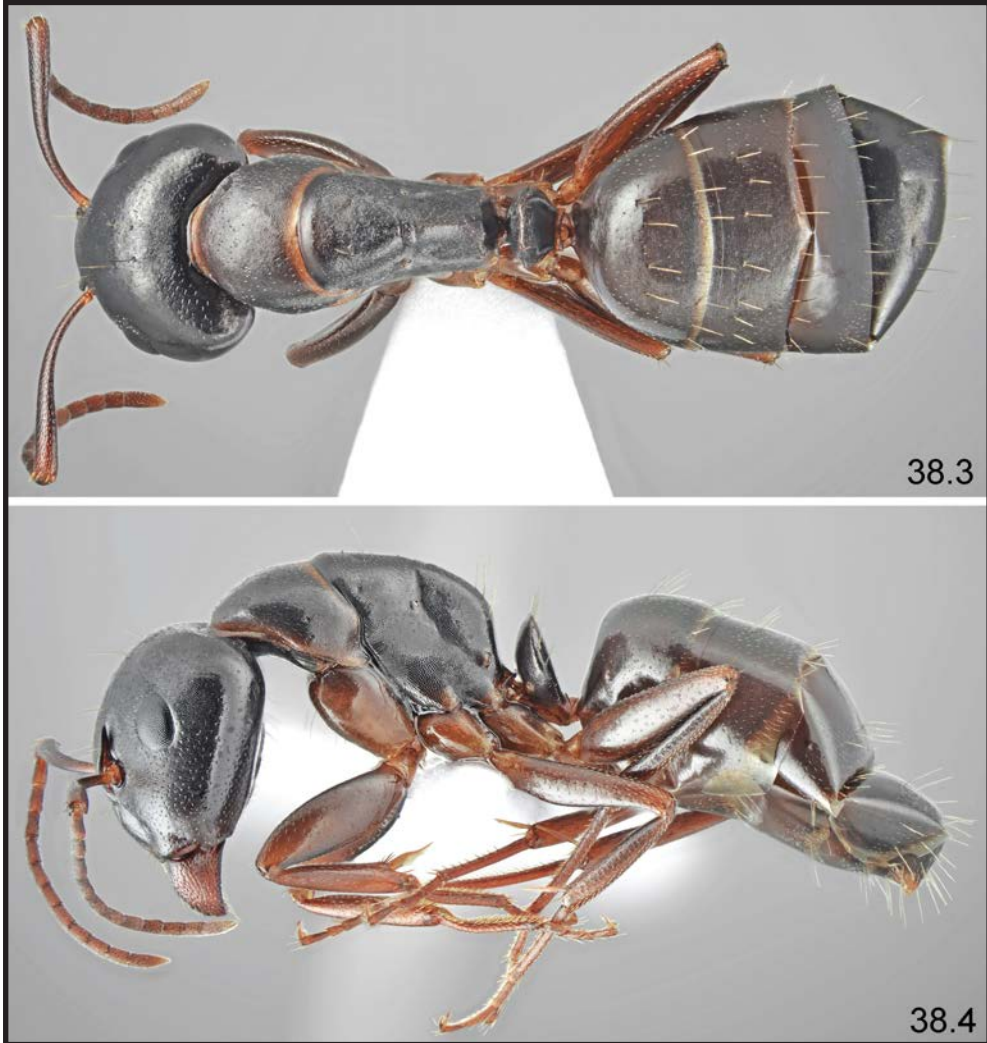


Fig. 38.3-4. *Camponotus fallax* Nylander: 3 –major worker, dorsal, 4 – major worker, lateral (photographed by Lech Borowiec)



Fig. 38.5-6. *Camponotus fallax* Nylander: 5 – minor worker, head, 6 – major worker, head (photographed by Lech Borowiec)

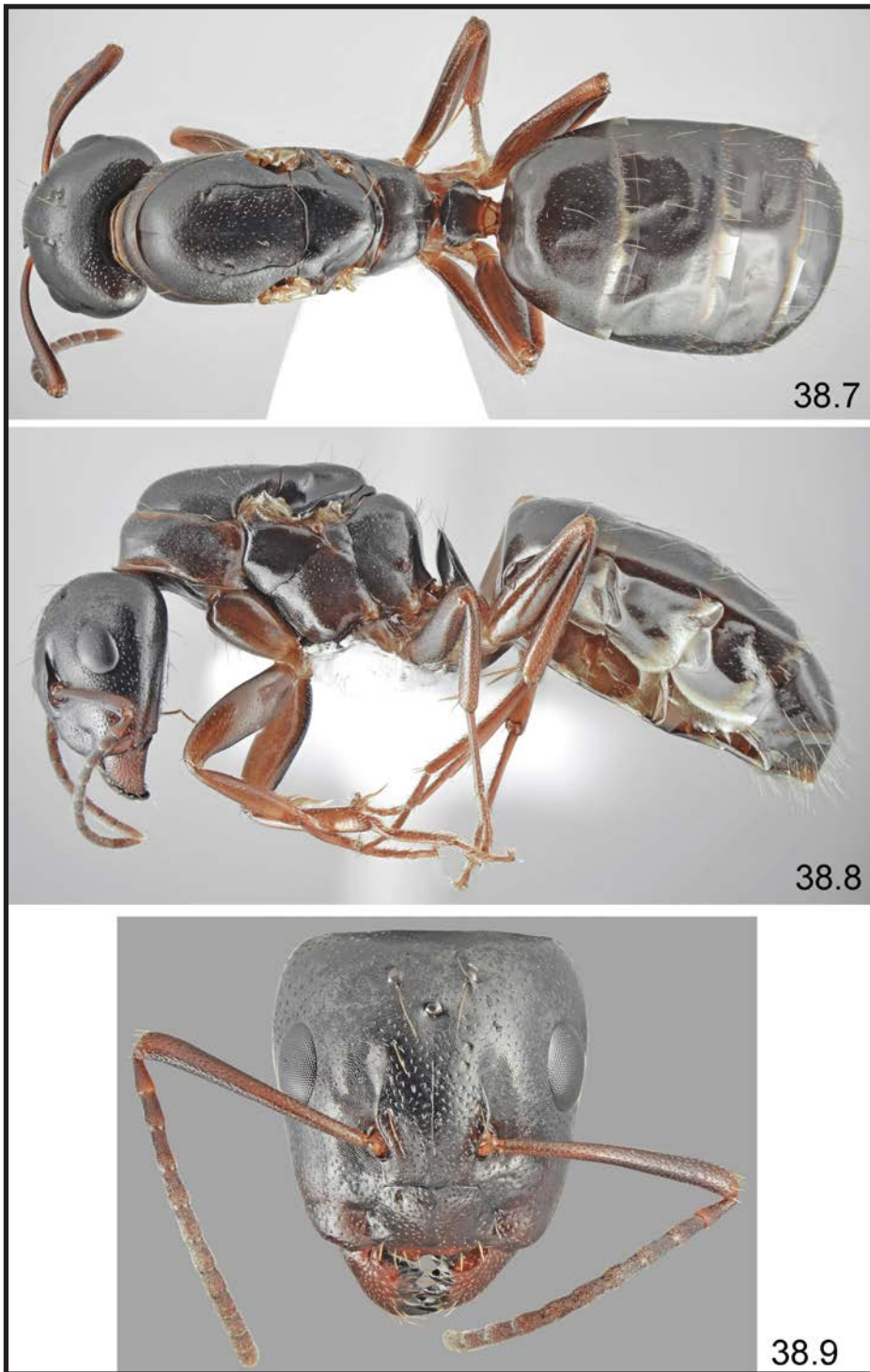


Fig. 38.7-9. *Camponotus fallax* Nylander: 7 – gyne, dorsal, 8 – gyne, lateral, 9 – gyne, head (photographed by Lech Borowiec)

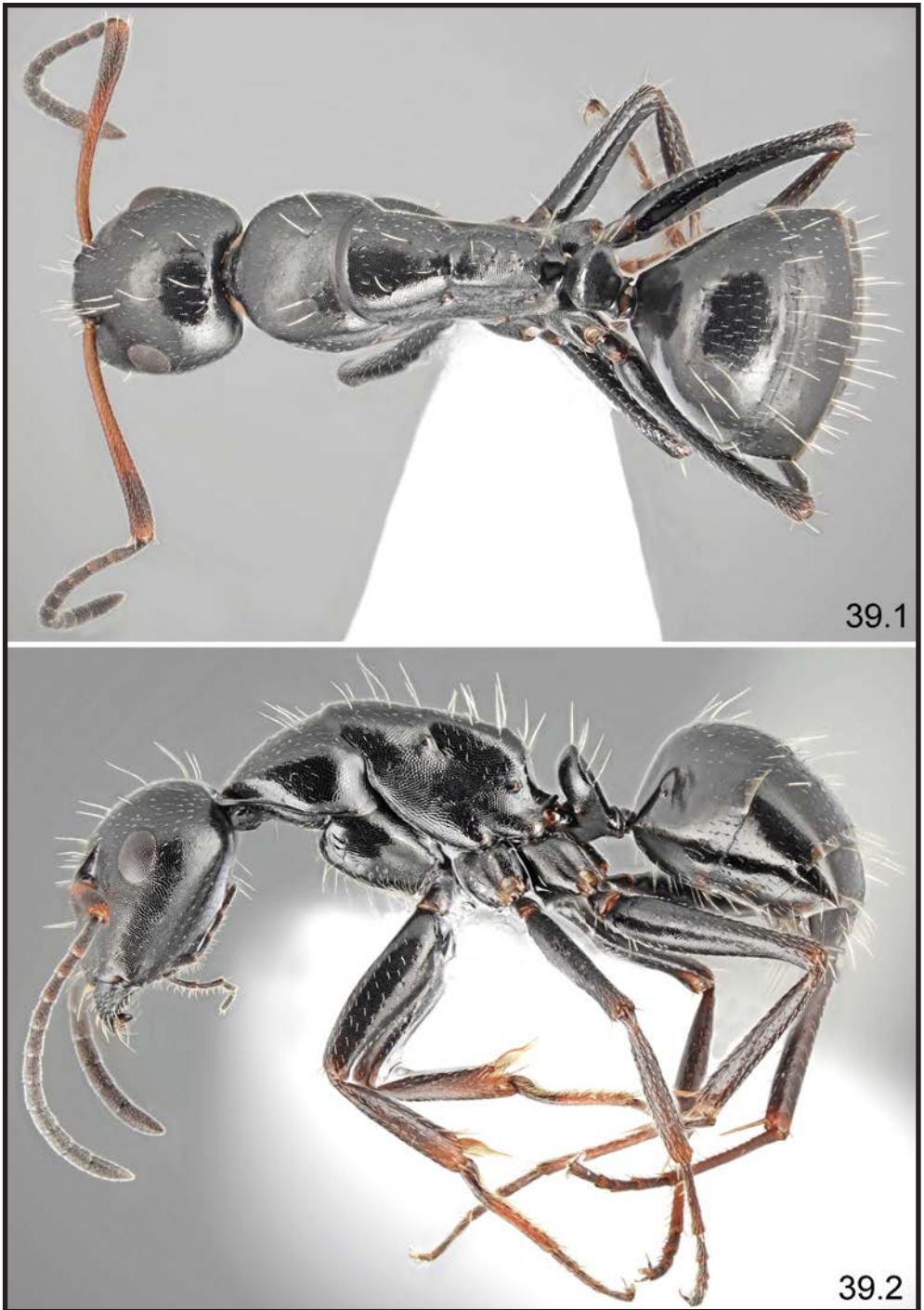


Fig. 39.1-2. *Camponotus gestroi gestroi* Emery: 1 – minor worker, dorsal, 2 – minor worker, lateral (photographed by Lech Borowiec)



Fig. 39.3-4. *Camponotus gestroi gestroi* Emery: 3 –major worker, dorsal, 4 – major worker, lateral (photographed by Lech Borowiec)



Fig. 39.5-6. *Camponotus gestroi gestroi* Emery: 5 – minor worker, head, 6 – major worker, head (photographed by Lech Borowiec)



Fig. 39.7-8. *Camponotus gestroi gestroi* Emery: 7 – gyne, dorsal, 8 – gyne, lateral (photographed by Lech Borowiec)



Fig. 40.1-2. *Camponotus gestroi creticus* Forel: 1 – minor worker, dorsal, 2 – minor worker, lateral (photographed by Lech Borowiec)

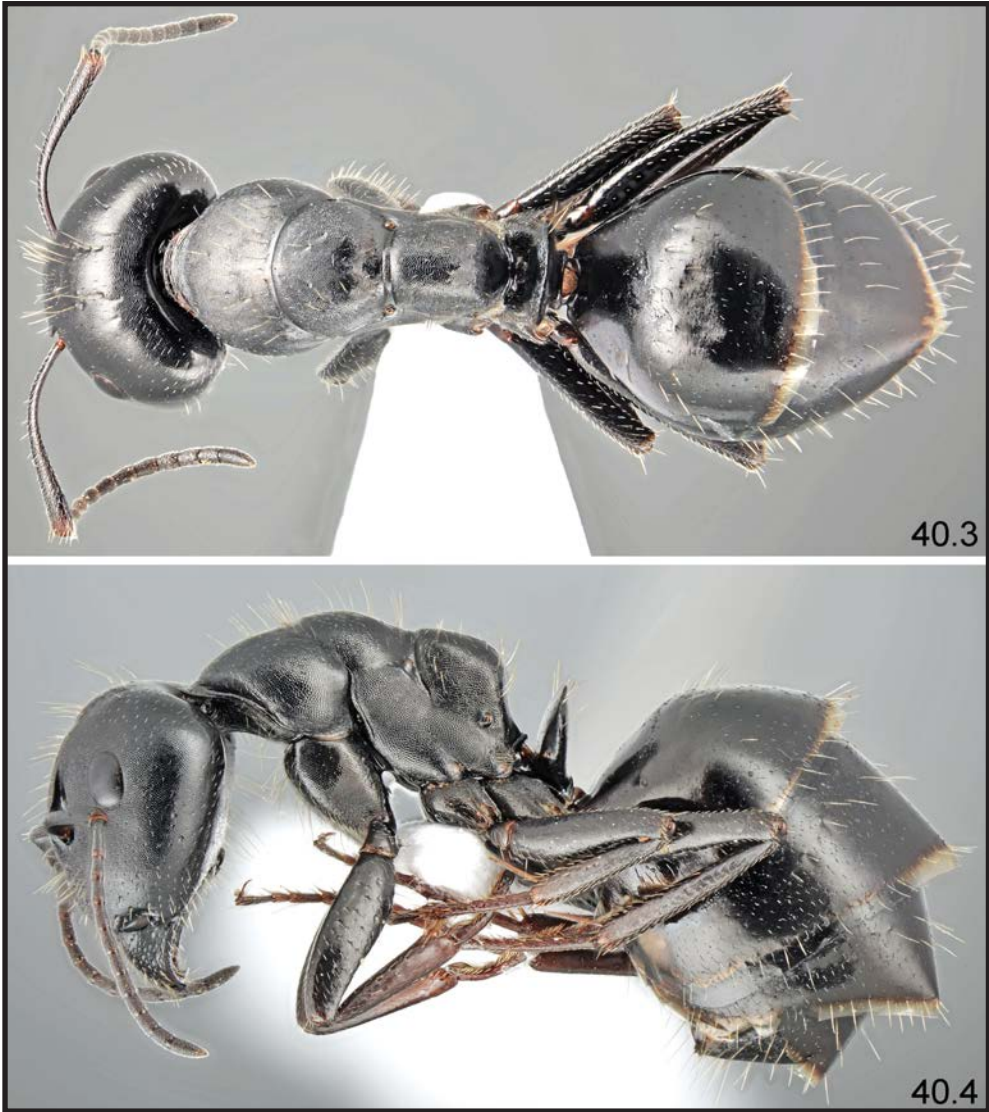


Fig. 40.3-4. *Camponotus gestroi creticus* Forel: 3 –major worker, dorsal, 4 – major worker, lateral (photographed by Lech Borowiec)



Fig. 40.5-6. *Camponotus gestroi creticus* Forel: 5 – minor worker, head, 6 – major worker, head (photographed by Lech Borowiec)



Fig. 40.7. *Camponotus gestroi creticus* Forel – male, lateral (photographed by Lech Borowiec)



Fig. 41.1-2. *Camponotus heidrunvogtae* Seifert: 1 – minor worker, dorsal, 2 – minor worker, lateral (photographed by Lech Borowiec)



Fig. 41.3-4. *Camponotus heidrunvogtae* Seifert: 3 –major worker, dorsal, 4 – major worker, lateral (photographed by Lech Borowiec)



Fig. 41.5-6. *Camponotus heidrunvogtae* Seifert: 5 – minor worker, head, 6 – major worker, head (photographed by Lech Borowiec)



Fig. 41.7-8. *Camponotus heidrunvogtae* Seifert: 7 –gyne, dorsal, 8 – gyne, lateral (photographed by Lech Borowiec)



Fig. 42.1-2. *Camponotus kiesenwetteri* Roger: 1 – minor worker, dorsal, 2 – minor worker, lateral (photographed by Lech Borowiec)



Fig. 42.3-4. *Camponotus kiesenwetteri* Roger: 3 –major worker, dorsal, 4 – major worker, lateral (photographed by Lech Borowiec)

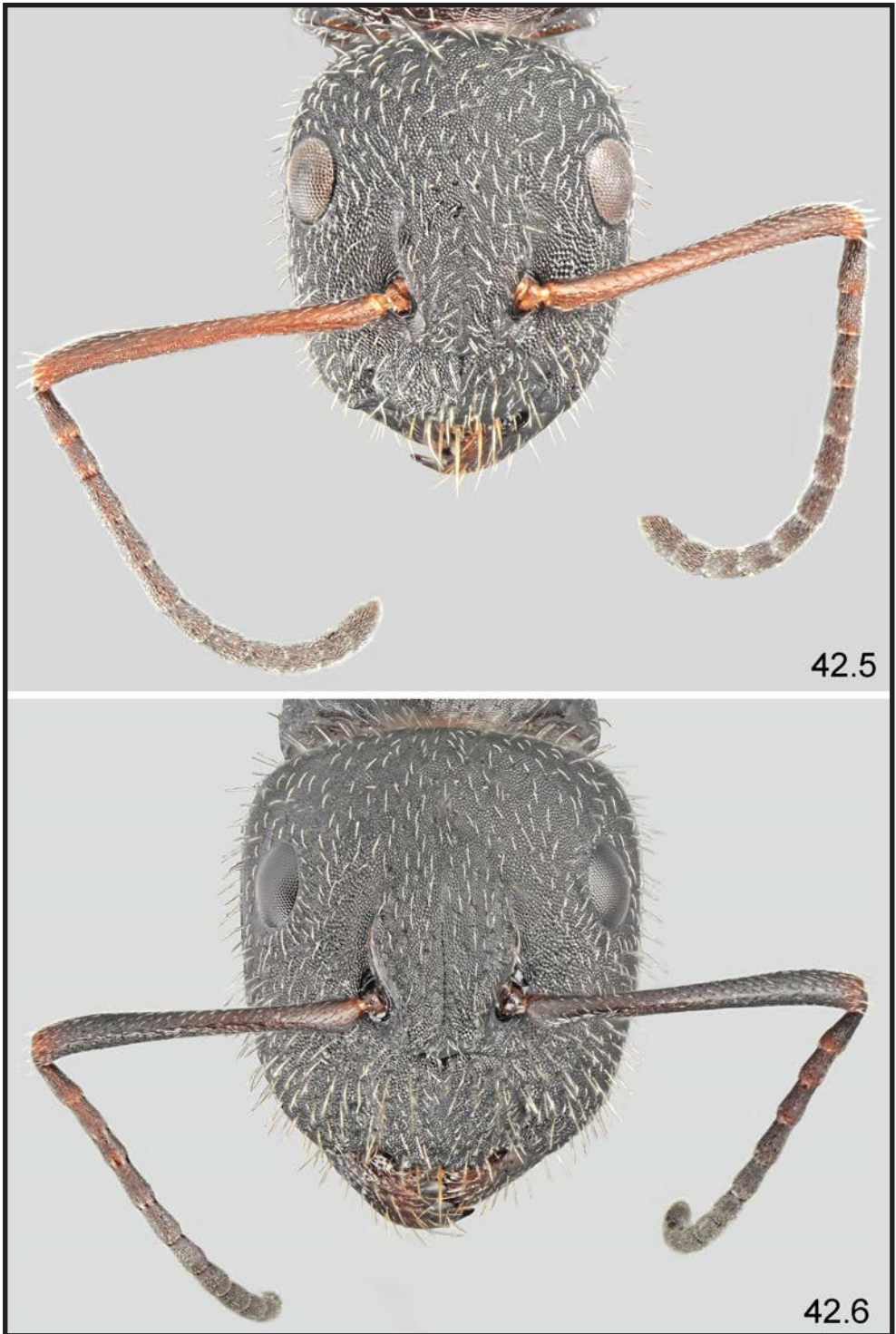


Fig. 42.5-6. *Camponotus kiesenwetteri* Roger: 5 – minor worker, head, 6 – major worker, head (photographed by Lech Borowiec)



Fig. 42.7-8. *Camponotus kiesenwetteri* Roger: 7 – gynes, dorsal, 8 – gynes, lateral (photographed by Lech Borowiec)



Fig. 42.9-10. *Camponotus kiesenwetteri* Roger: 9 – gyne, head, 10 – male, lateral (photographed by Lech Borowiec)



Fig. 43.1-2. *Camponotus lateralis* (Olivier), typical form: 1 – dark minor worker, dorsal, 2 – dark minor worker, lateral (photographed by Lech Borowiec)



Fig. 43.3-4. *Camponotus lateralis* (Olivier), typical form: 3 –pale major worker, dorsal, 4 – pale major worker, lateral (photographed by Lech Borowiec)

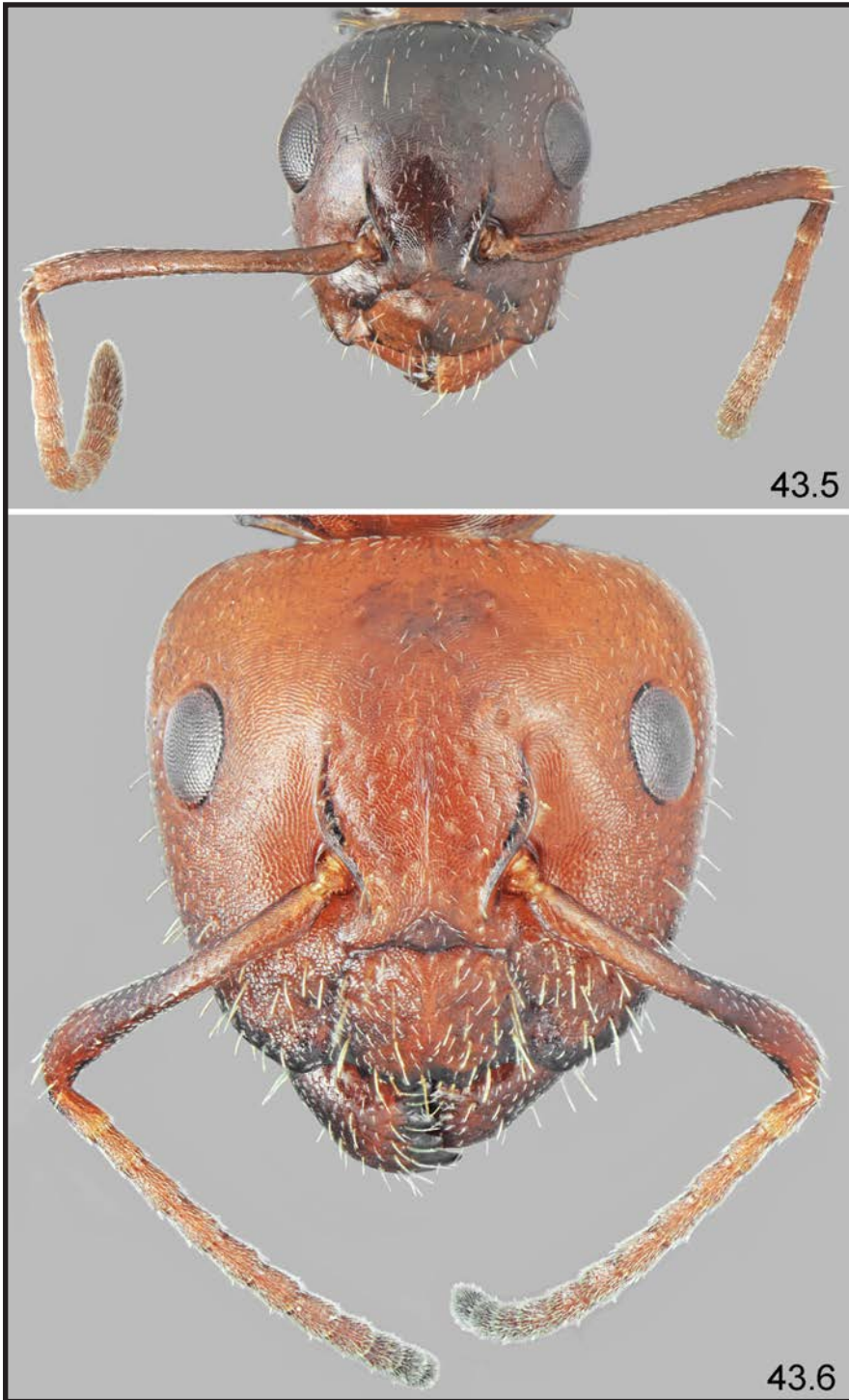


Fig. 43.5-6. *Camponotus lateralis* (Olivier), typical form: 5 – minor worker, head, 6 – major worker, head (photographed by Lech Borowiec)



Fig. 43.7-8. *Camponotus lateralis* (Olivier), setose form: 7 – minor worker, dorsal, 8 – minor worker, lateral (photographed by Lech Borowiec)

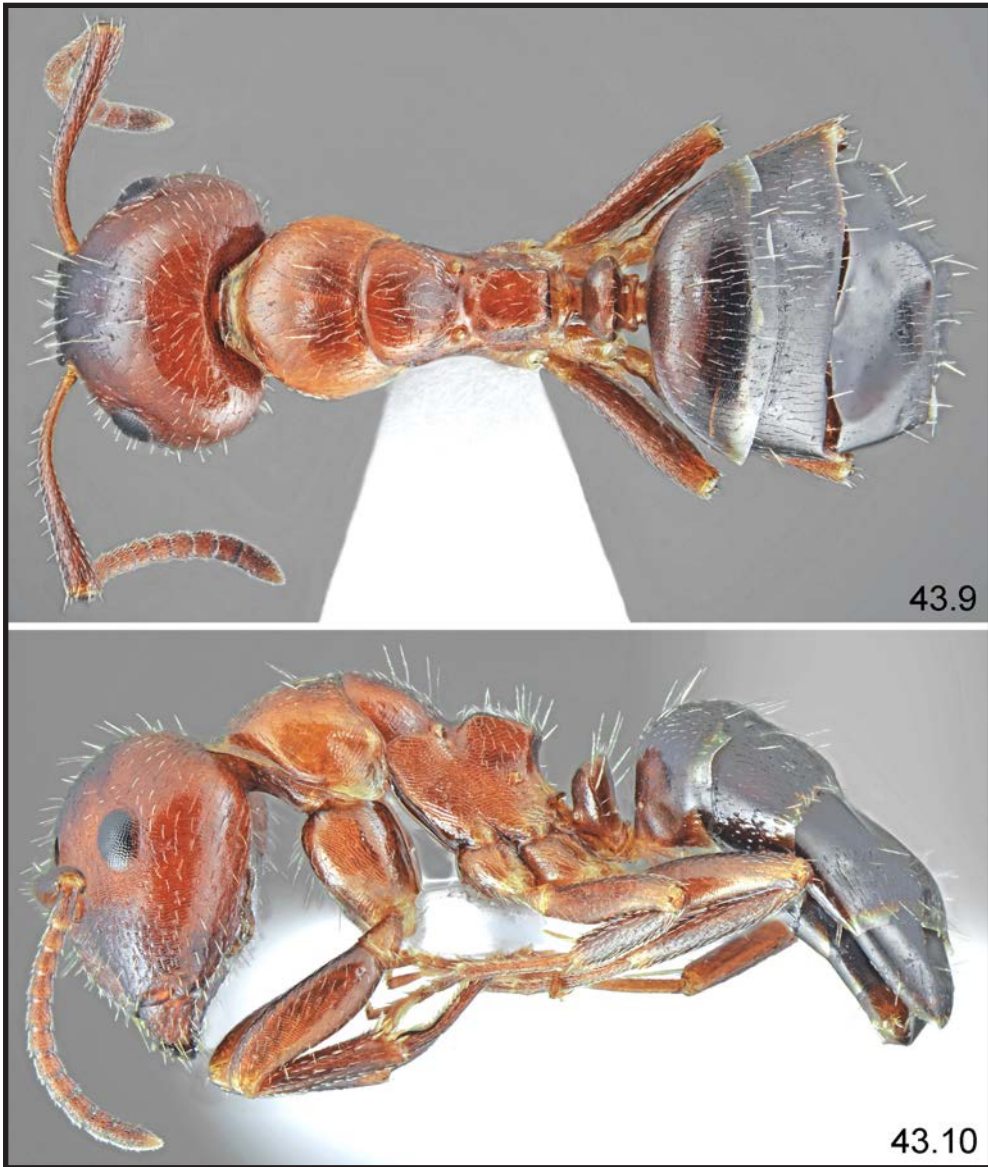


Fig. 43.9-10. *Camponotus lateralis* (Olivier), setose form: 9 – major worker, dorsal, 10 – major worker, lateral (photographed by Lech Borowiec)



Fig. 43.11-12. *Camponotus lateralis* (Olivier), setose form: 11 – minor worker, head, 12 – major worker, head (photographed by Lech Borowiec)



Fig. 43.13-15. *Camponotus lateralis* (Olivier), gyne of typical form: 13 – dorsal, 14 – lateral, 15 – pale form lateral (photographed by Lech Borowiec)



43.16



43.17

Fig. 43.16-17. *Camponotus lateralis* (Olivier), typical form: 16 – gyne, head, 17 –male, lateral (photographed by Lech Borowiec)



Fig. 44.1-2. *Camponotus libanicus* André: 1 – minor worker, dorsal, 2 – minor worker, lateral (photographed by Lech Borowiec)

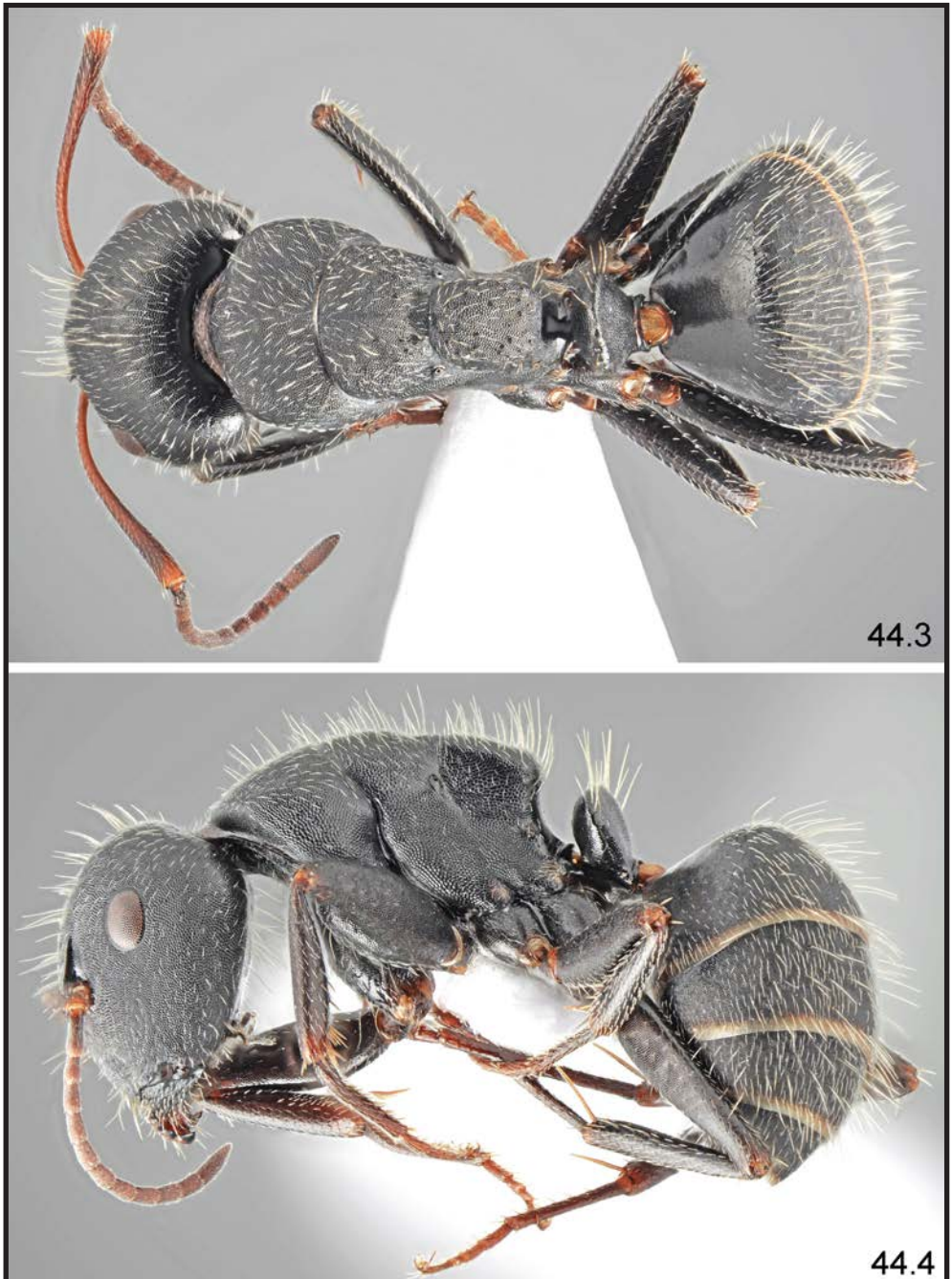


Fig. 44.3-4. *Camponotus libanicus* André: 3 –major worker, dorsal, 4 – major worker, lateral (photographed by Lech Borowiec)

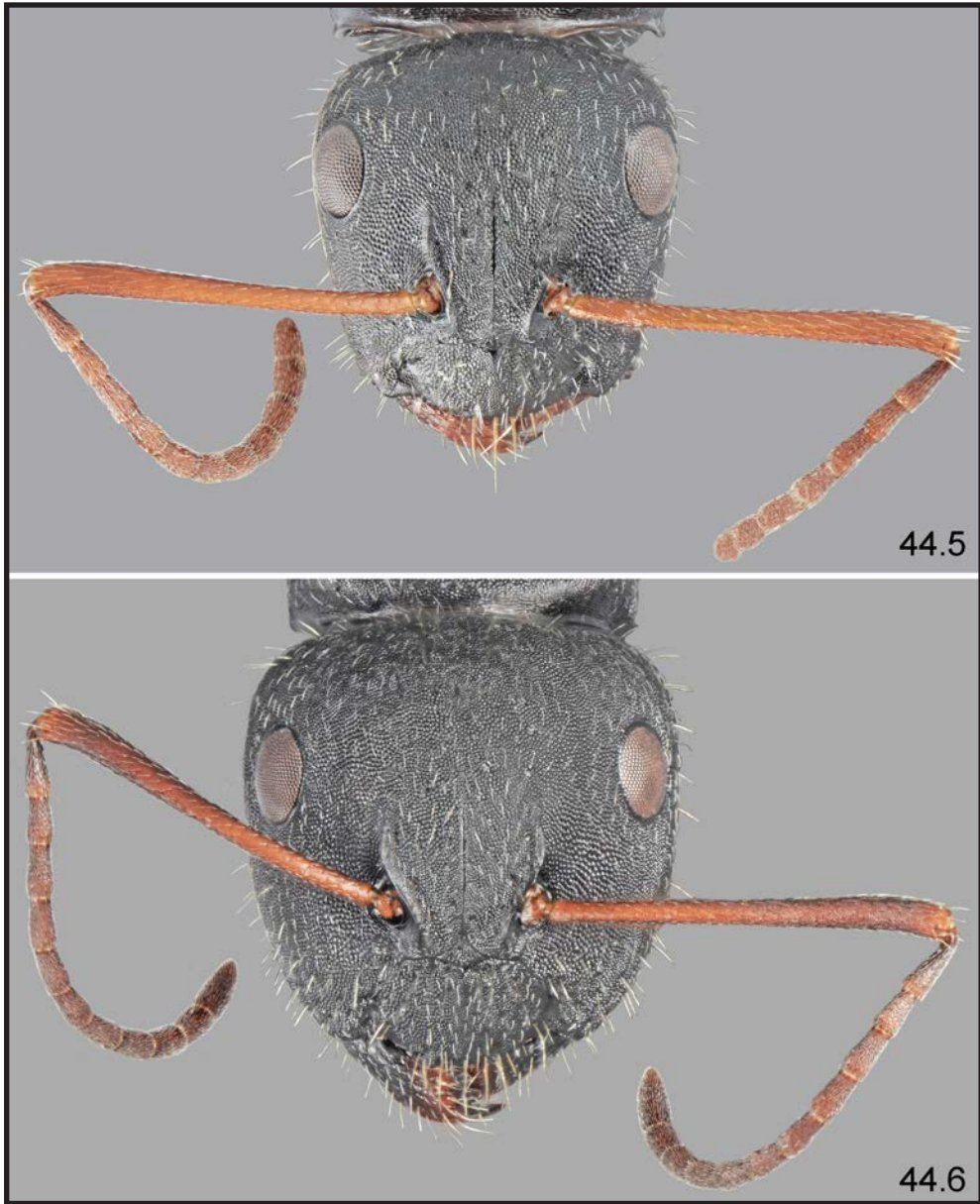


Fig. 44.5-6. *Camponotus libanicus* André: 5 – minor worker, head, 6 – major worker, head
(photographed by Lech Borowiec)



Fig. 45.1-2. *Camponotus nitidescens* Forel: 1 – minor worker, dorsal, 2 – minor worker, lateral (photographed by Lech Borowiec)



Fig. 45.3-4. *Camponotus nitidescens* Forel: 3 –major worker, dorsal, 4 – major worker, lateral (photographed by Lech Borowiec)



Fig. 45.5-6. *Camponotus nitidescens* Forel: 5 – minor worker, head, 6 – major worker, head (photographed by Lech Borowiec)



Fig. 46.1-2. *Camponotus piceus* Leach: 1 – minor worker, dorsal, 2 – minor worker, lateral (photographed by Lech Borowiec)



Fig. 46.3-4. *Camponotus piceus* Leach: 3 –major worker, dorsal, 4 – major worker, lateral (photographed by Lech Borowiec)

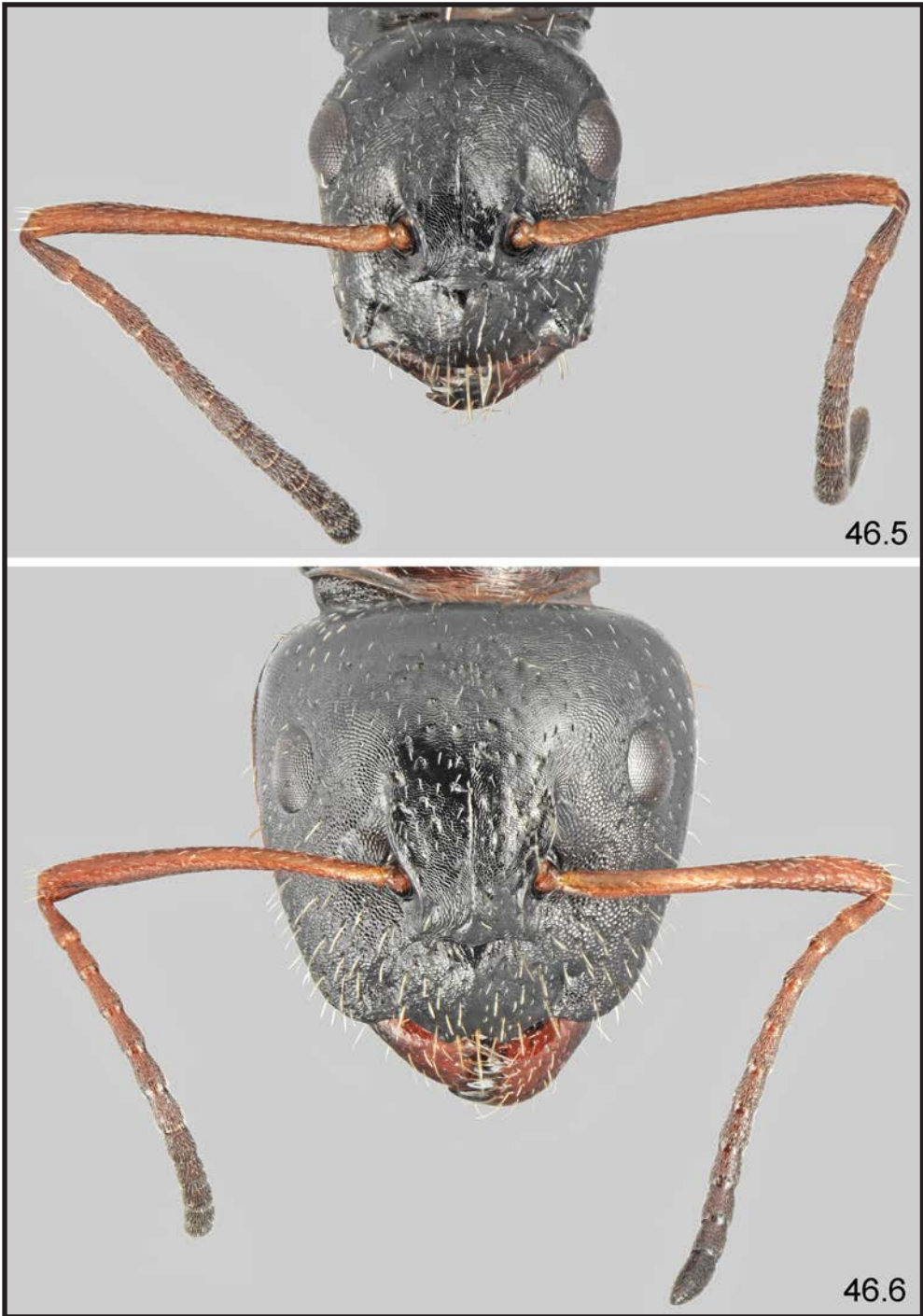


Fig. 46.5-6. *Camponotus piceus* Leach: 5 – minor worker, head, 6 – major worker, head (photographed by Lech Borowiec)



Fig. 46.7-8. *Camponotus piceus* Leach: 7 – gyne, dorsal, 8 – gyne, lateral (photographed by Lech Borowiec)



46.9



46.10

Fig. 46.9-10. *Camponotus piceus* Leach: 9 – gyne, head, 10 – male, lateral (photographed by Lech Borowiec)



Fig. 47.1-2. *Camponotus rebeccaе* Forel: 1 – pale minor worker, dorsal, 2 – pale minor worker, lateral (photographed by Lech Borowiec)



Fig. 47.3-4. *Camponotus rebeccaе* Forel: 3 –dark major worker, dorsal, 4 – dark major worker, lateral (photographed by Lech Borowiec)



Fig. 47.5-6. *Camponotus rebecca* Forel: 5 – minor worker, head, 6 – major worker, head (photographed by Lech Borowiec)

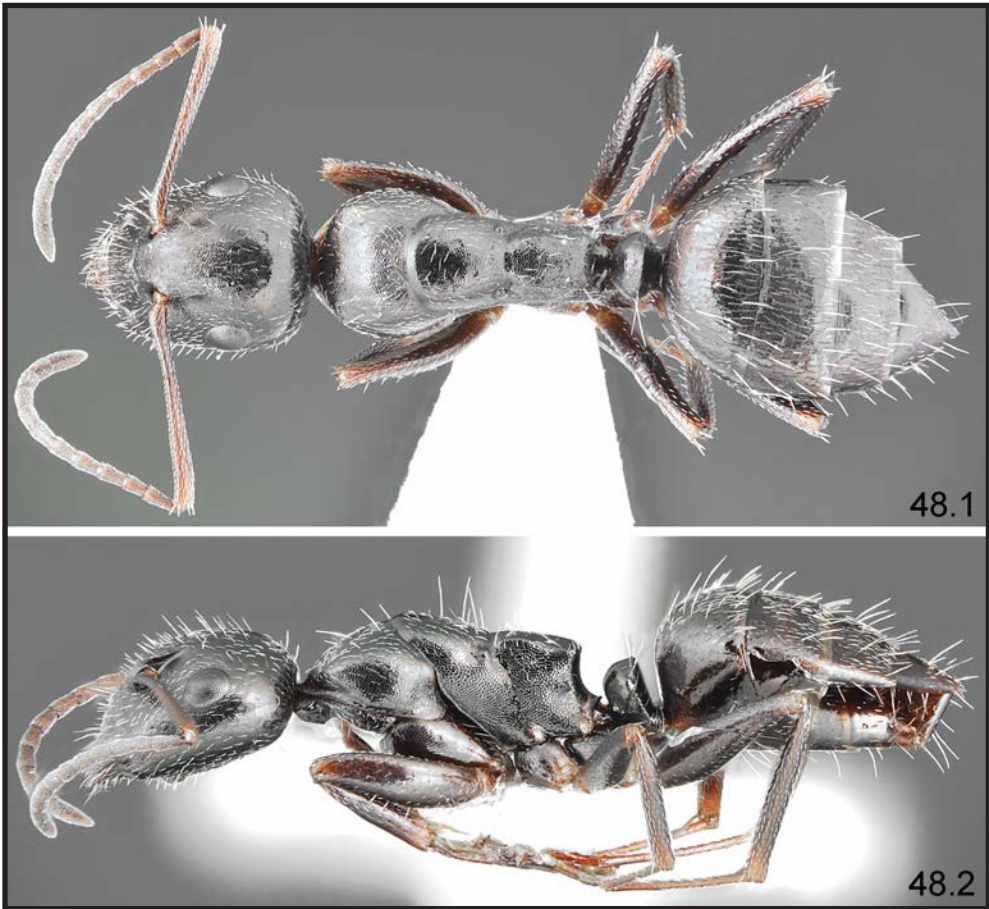


Fig. 48.1-2. *Camponotus schulzi* Salata, Loss, Kiran, Karaman & Borowiec: 1 – minor worker, dorsal, 2 – minor worker, lateral (photographed by Lech Borowiec)



Fig. 48.3-4. *Camponotus schulzi* Salata, Loss, Kiran, Karaman & Borowiec: 3 –major worker, dorsal, 4 – major worker, lateral (photographed by Lech Borowiec)



Fig. 48.5-6. *Camponotus schulzi* Salata, Loss, Kiran, Karaman & Borowiec: 5 – minor worker, head, 6 – major worker, head (photographed by Lech Borowiec)



Fig. 49.1-2. *Camponotus tergestinus* Müller: 1 – minor worker, dorsal, 2 – minor worker, lateral (photographed by Lech Borowiec)



Fig. 49.3-4. *Camponotus tergestinus* Müller: 3 –major worker, dorsal, 4 – major worker, lateral (photographed by Lech Borowiec)

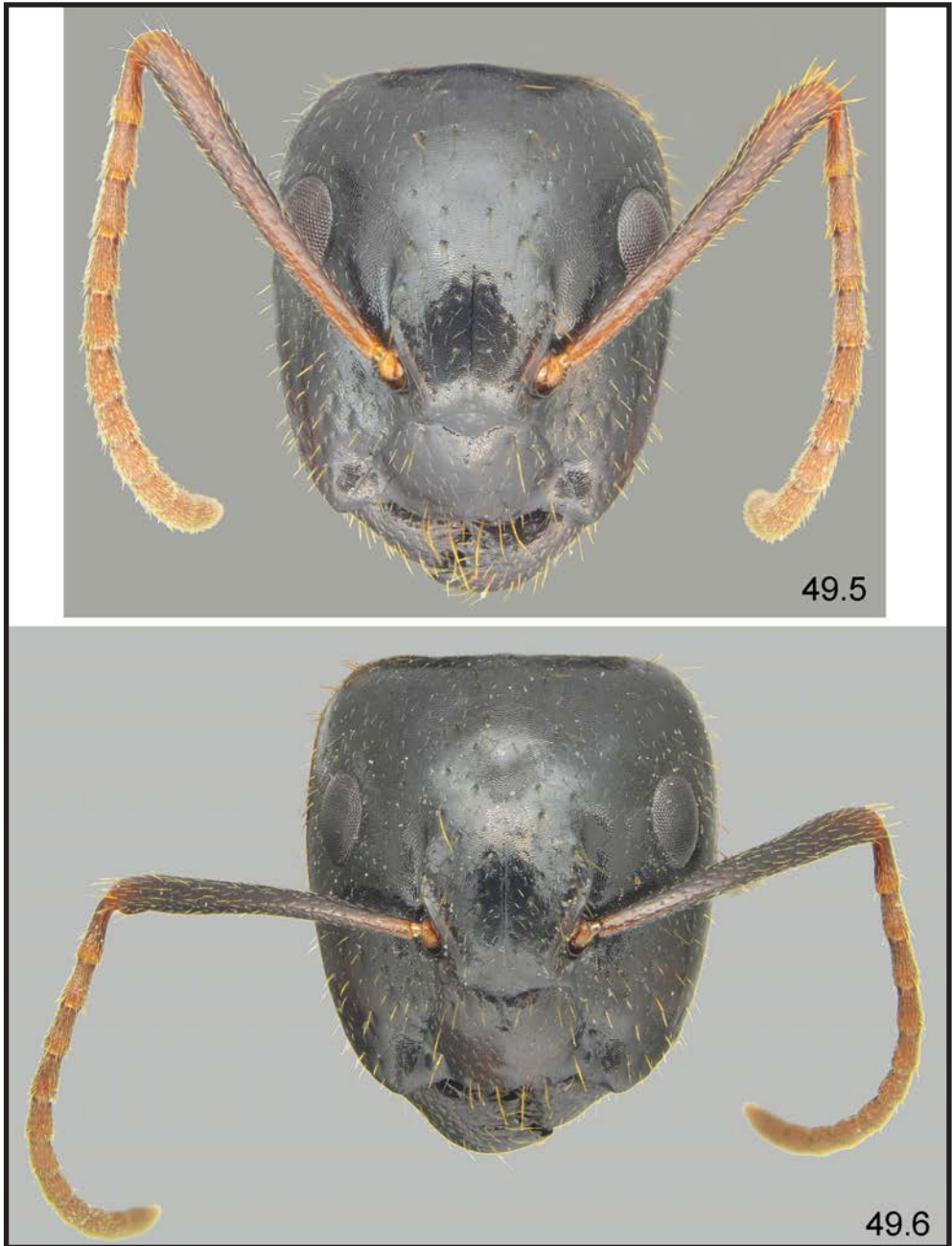


Fig. 49.5-6. *Camponotus tergestinus* Müller: 5 – minor worker, head, 6 – major worker, head (photographed by Lech Borowiec)

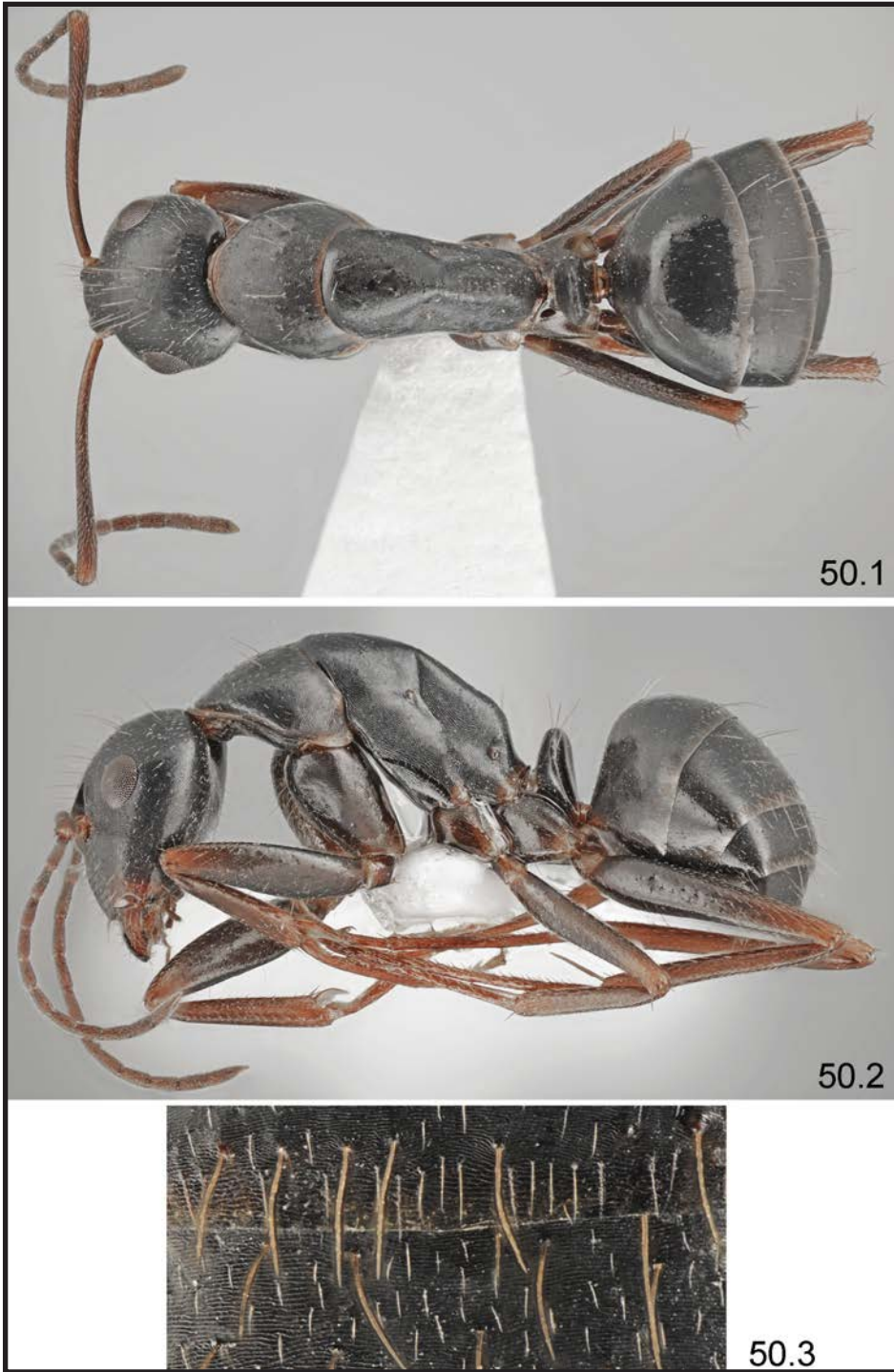


Fig. 50.1-3. *Camponotus aethiops* (Latreille): 1 – minor worker, dorsal, 2 – minor worker, lateral, 3 – setation of posterior margin of the first gastral tergite (photographed by Lech Borowiec)



Fig. 50.4-5. *Camponotus aethiops* (Latreille): 4 –major worker, dorsal, 5 – major worker, lateral (photographed by Lech Borowiec)



Fig. 50.6-7. *Camponotus aethiops* (Latreille), color forms: 6 – major worker, the palest form, 7 – major worker, the darkest form (photographed by Lech Borowiec)



Fig. 50.8-9. *Camponotus aethiops* (Latreille): 8 – minor worker, head, 9 – major worker, head (photographed by Lech Borowiec)

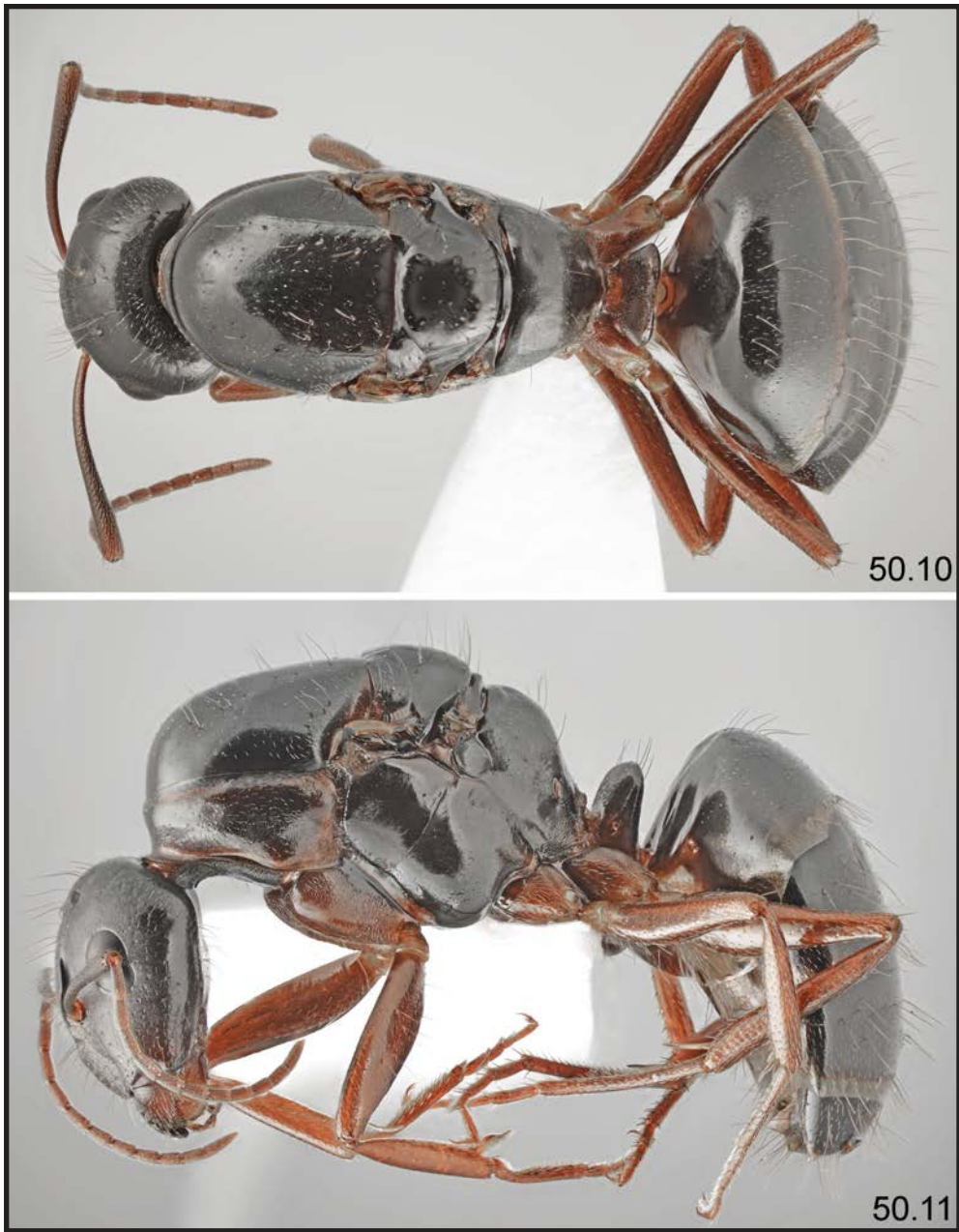


Fig. 50.10-11. *Camponotus aethiops* (Latreille): 10 – gyne, dorsal, 11 – gyne, lateral (photographed by Lech Borowiec)



Fig. 51.1-2. *Camponotus baldacii* Emery: 1 – minor worker, dorsal, 2 – minor worker, lateral (photographed by Lech Borowiec)

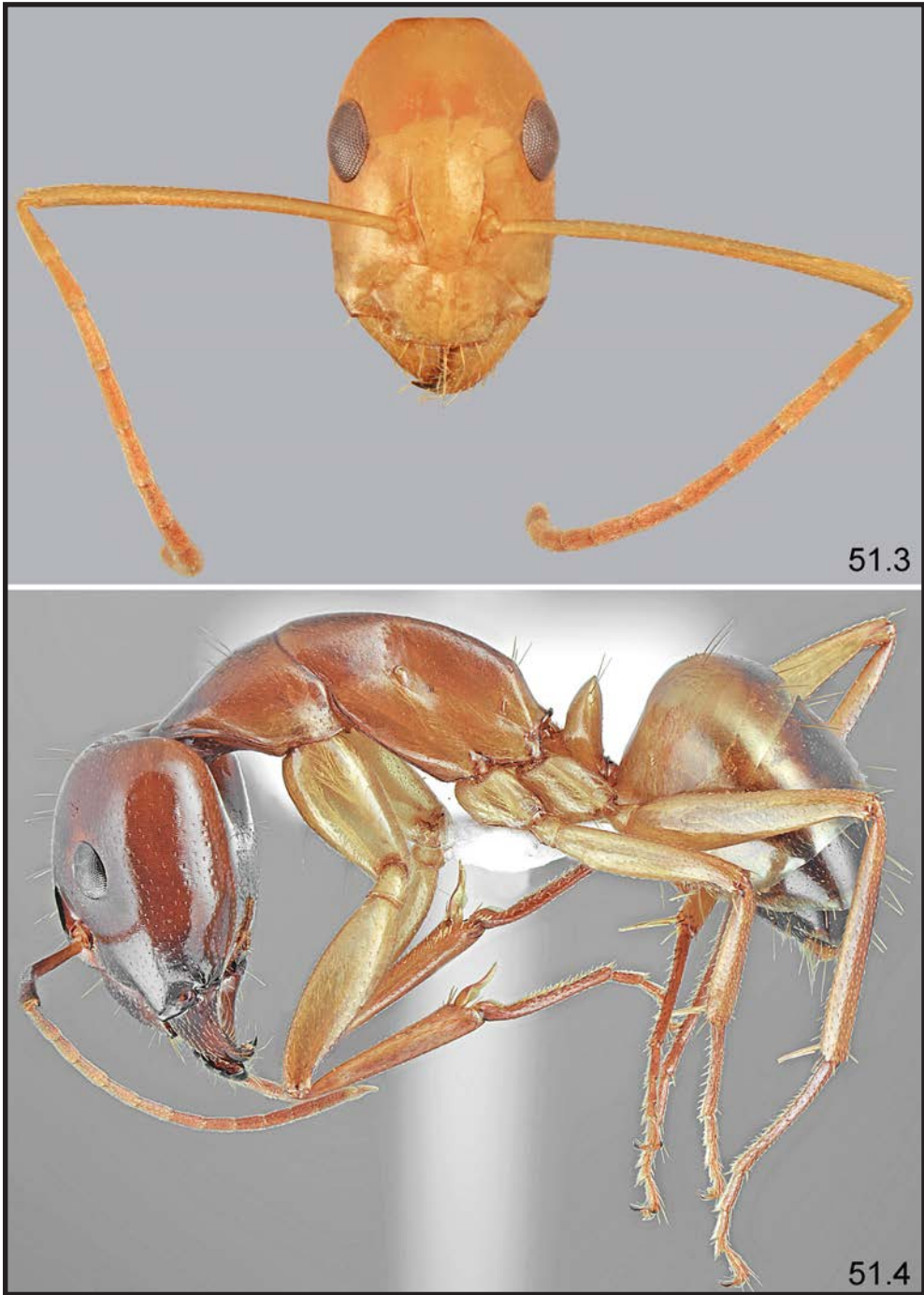


Fig. 51.3-4. *Camponotus baldaccii* Emery: 3 – minor worker, head, 4 – medium worker, lateral (photographed by Lech Borowiec)



Fig. 51.5-6. *Camponotus baldaccii* Emery: 5 – major worker, dorsal, 6 – major worker, lateral (photographed by Lech Borowiec)

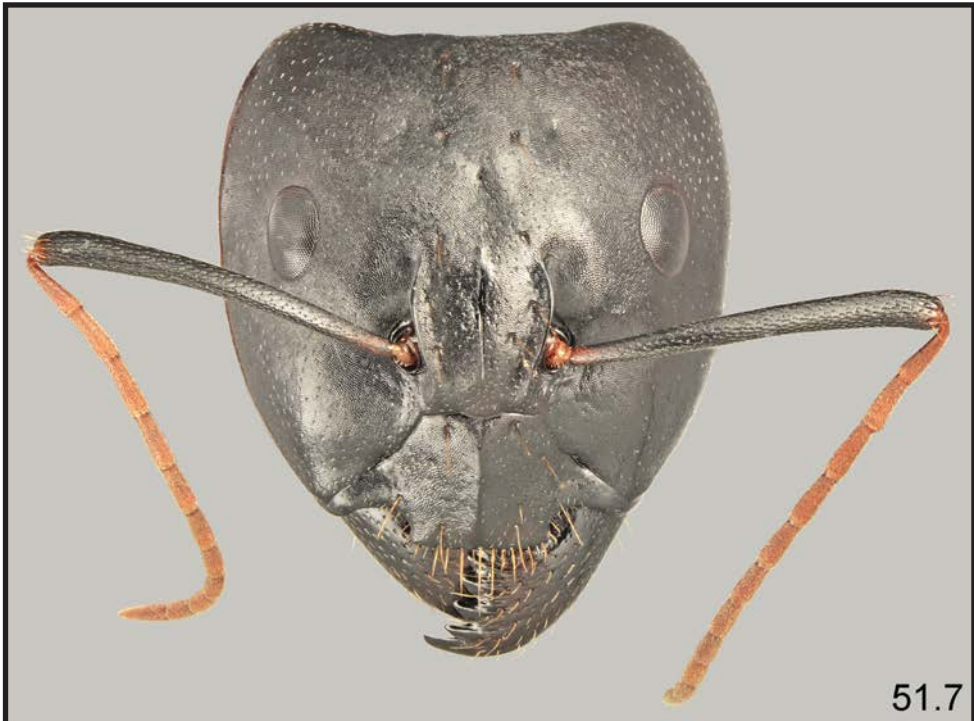


Fig. 51.7-8. *Camponotus baldaccii* Emery: 7 – major worker, head, 8 – male, lateral (photographed by Lech Borowiec)

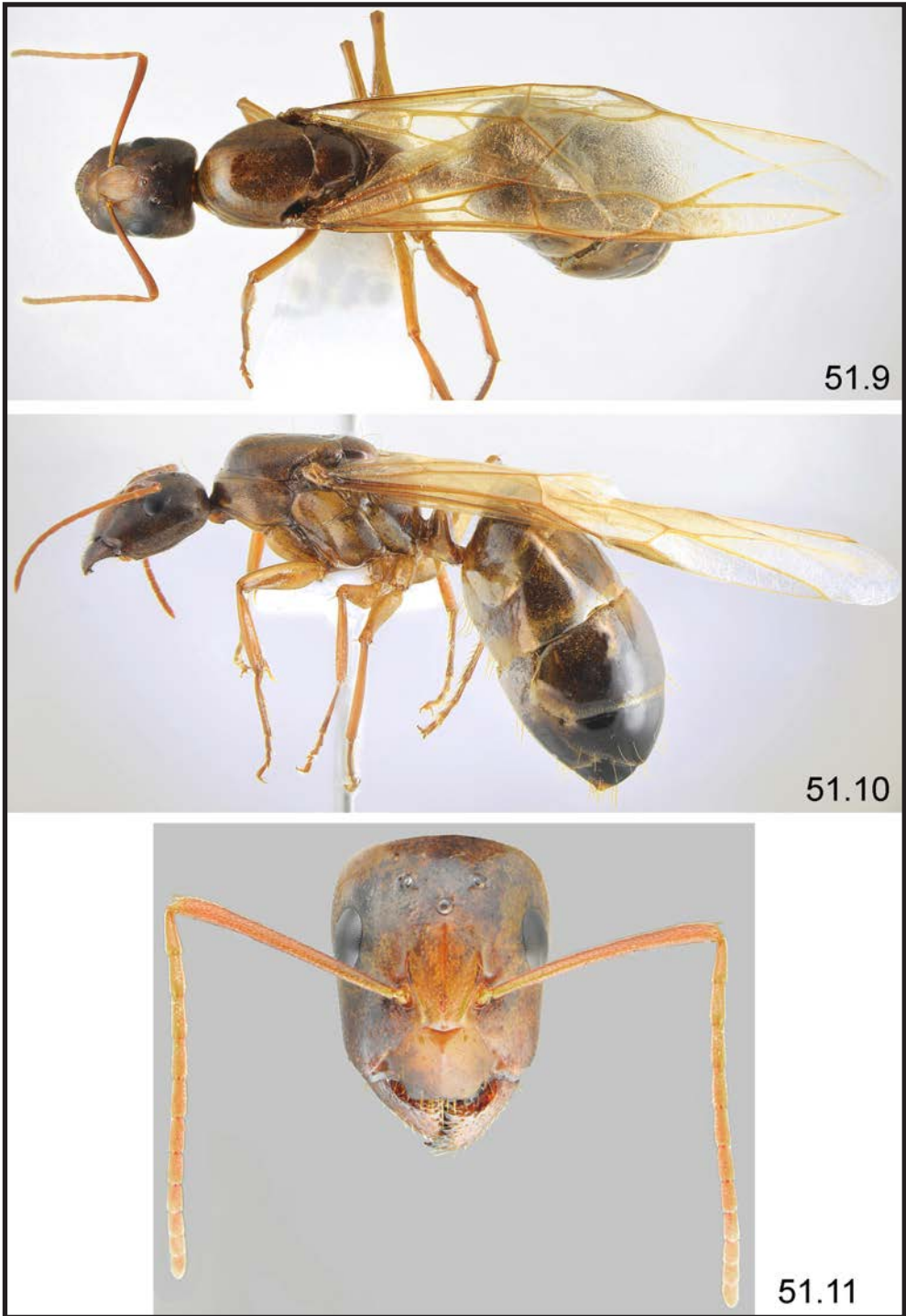


Fig. 51.9-11. *Camponotus baldaccii* Emery: 9 – gyne, dorsal, 10 – gyne, lateral, 11 – gyne, head (photographed by Lech Borowiec)



Fig. 52.1-2. *Camponotus cecconii* Emery: 1 – minor worker, dorsal, 2 – minor worker, lateral (photographed by Lech Borowiec)



Fig. 52.3-4. *Camponotus cecconii* Emery: 3 –major worker, dorsal, 4 – major worker, lateral (photographed by Lech Borowiec)

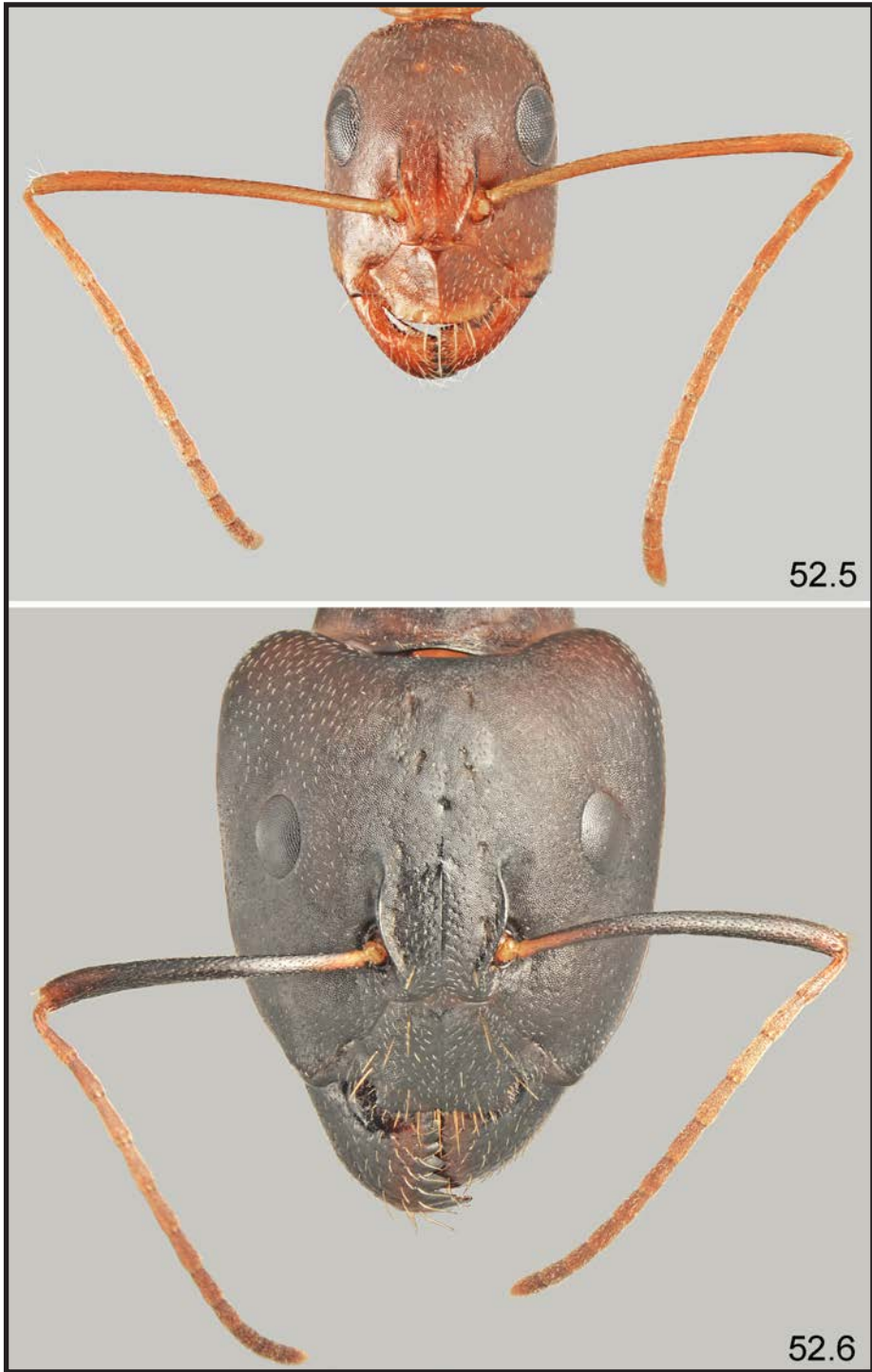


Fig. 52.5-6. *Camponotus cecconii* Emery: 5 – minor worker, head, 6 – major worker, head (photographed by Lech Borowiec)



Fig. 53.1-2. *Camponotus ionius* Emery: 1 – minor worker, dorsal, 2 – minor worker, lateral (photographed by Lech Borowiec)



Fig. 53.3-4. *Camponotus ionius* Emery: 3 –major worker, dorsal, 4 – major worker, lateral (photographed by Lech Borowiec)

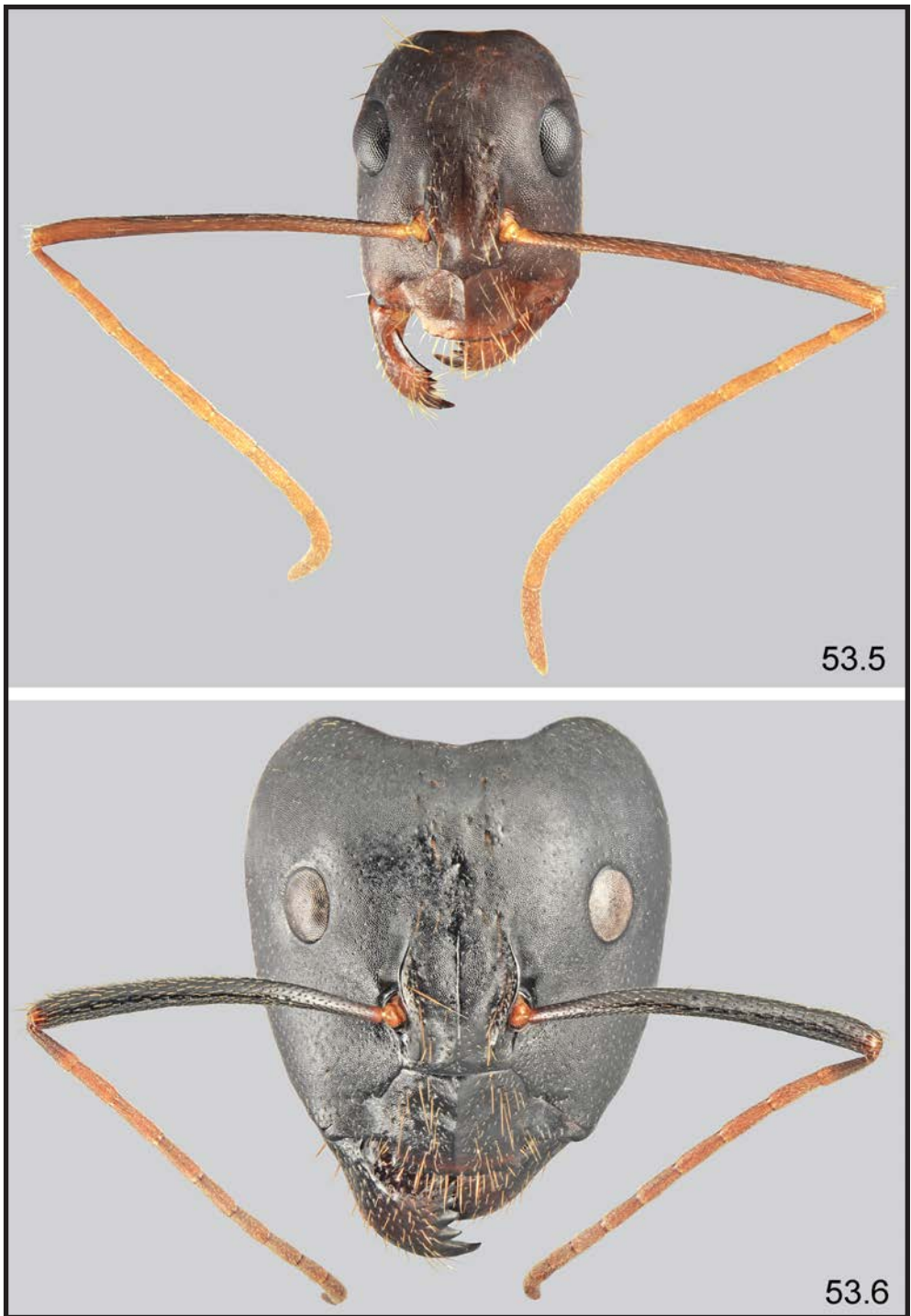


Fig. 53.5-6. *Camponotus ionius* Emery: 5 – minor worker, head, 6 – major worker, head (photographed by Lech Borowiec)



Fig. 53.7-8. *Camponotus ionius* Emery: 7 – gyne, dorsal, 8 – gyne, lateral (photographed by Lech Borowiec)



Fig. 54.1-2. *Camponotus jaliensis* Dalla Torre: 1 – pale minor worker, dorsal, 2 – pale minor worker, lateral (photographed by Lech Borowiec)



Fig. 54.3-4. *Camponotus jaliensis* Dalla Torre: 3 –dark major worker, dorsal, 4 – dark major worker, lateral (photographed by Lech Borowiec)



Fig. 54.5-6. *Camponotus jaliensis* Dalla Torre: 5 – bicoloured form, 6 – the palest form (photographed by Lech Borowiec)

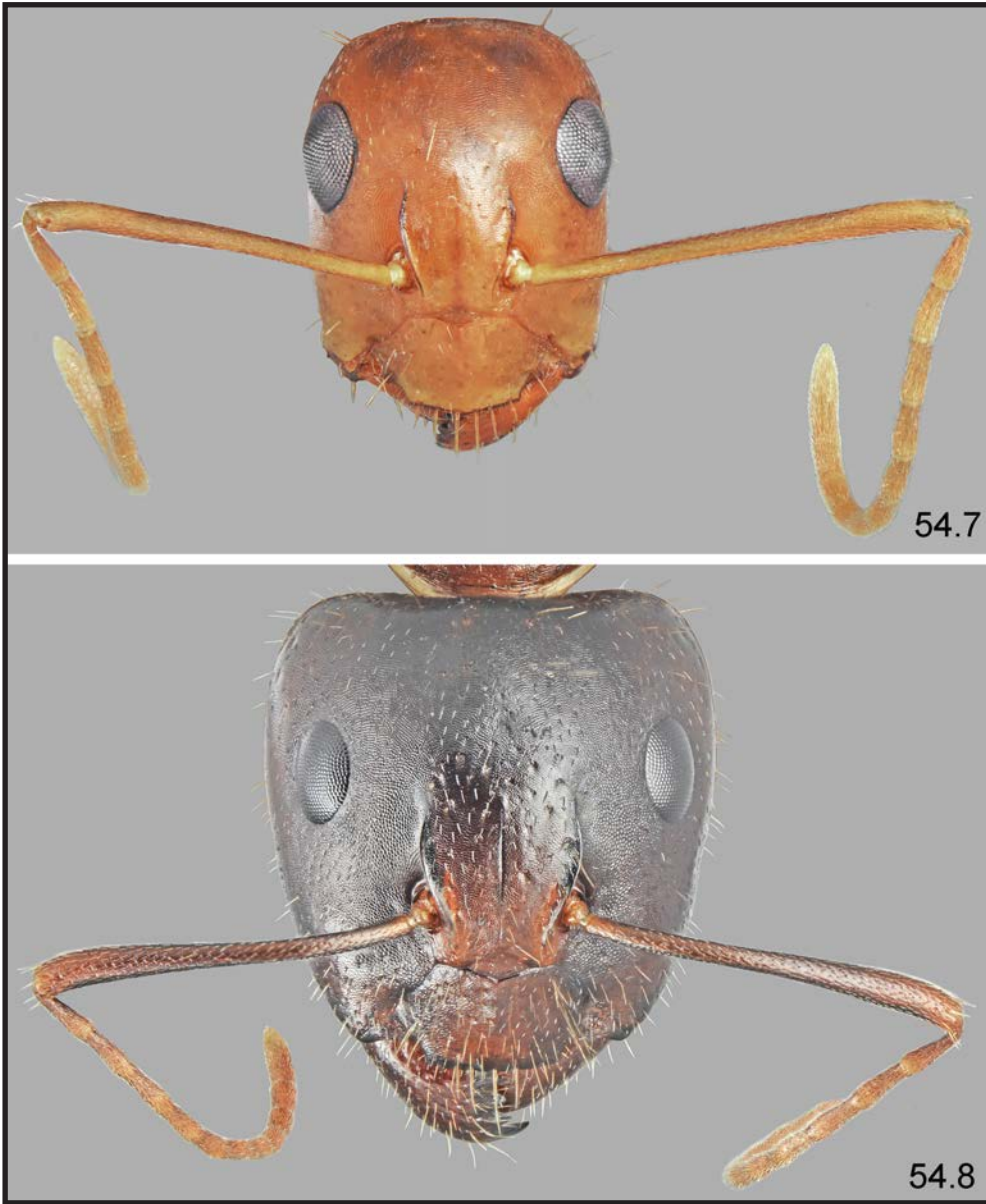


Fig. 54.7-8. *Camponotus jaliensis* Dalla Torre: 7 – minor worker, head, 8 – major worker, head (photographed by Lech Borowiec)



Fig. 54.9-10. *Camponotus jaliensis* Dalla Torre: 9 – gyne, dorsal, 10 – gyne, lateral (photographed by Lech Borowiec)



Fig. 55.1-2. *Camponotus laconicus* Emery: 1 – minor worker, dorsal, 2 – minor worker, lateral (photographed by Lech Borowiec)



Fig. 55.3-4. *Camponotus laconicus* Emery: 3 –major worker, dorsal, 4 – major worker, lateral (photographed by Lech Borowiec)



Fig. 55.5-6. *Camponotus laconicus* Emery: 5 – minor worker, head, 6 – major worker, head (photographed by Lech Borowiec)



Fig. 55.7-8. *Camponotus laconicus* Emery: 7 – gyne, dorsal, 8 – gyne, lateral (photographed by Lech Borowiec)



Fig. 56.1-2. *Camponotus oertzeni* Forel: 1 – minor worker, dorsal, 2 – minor worker, lateral (photographed by Lech Borowiec)



Fig. 56.3-4. *Camponotus oertzeni* Forel: 3 –major worker, dorsal, 4 – major worker, lateral (photographed by Lech Borowiec)



Fig. 56.5-6. *Camponotus oertzeni* Forel: 5 – the palest, typical form from Samos, 6 – the darkest form from Ionian Islands (photographed by Lech Borowiec)

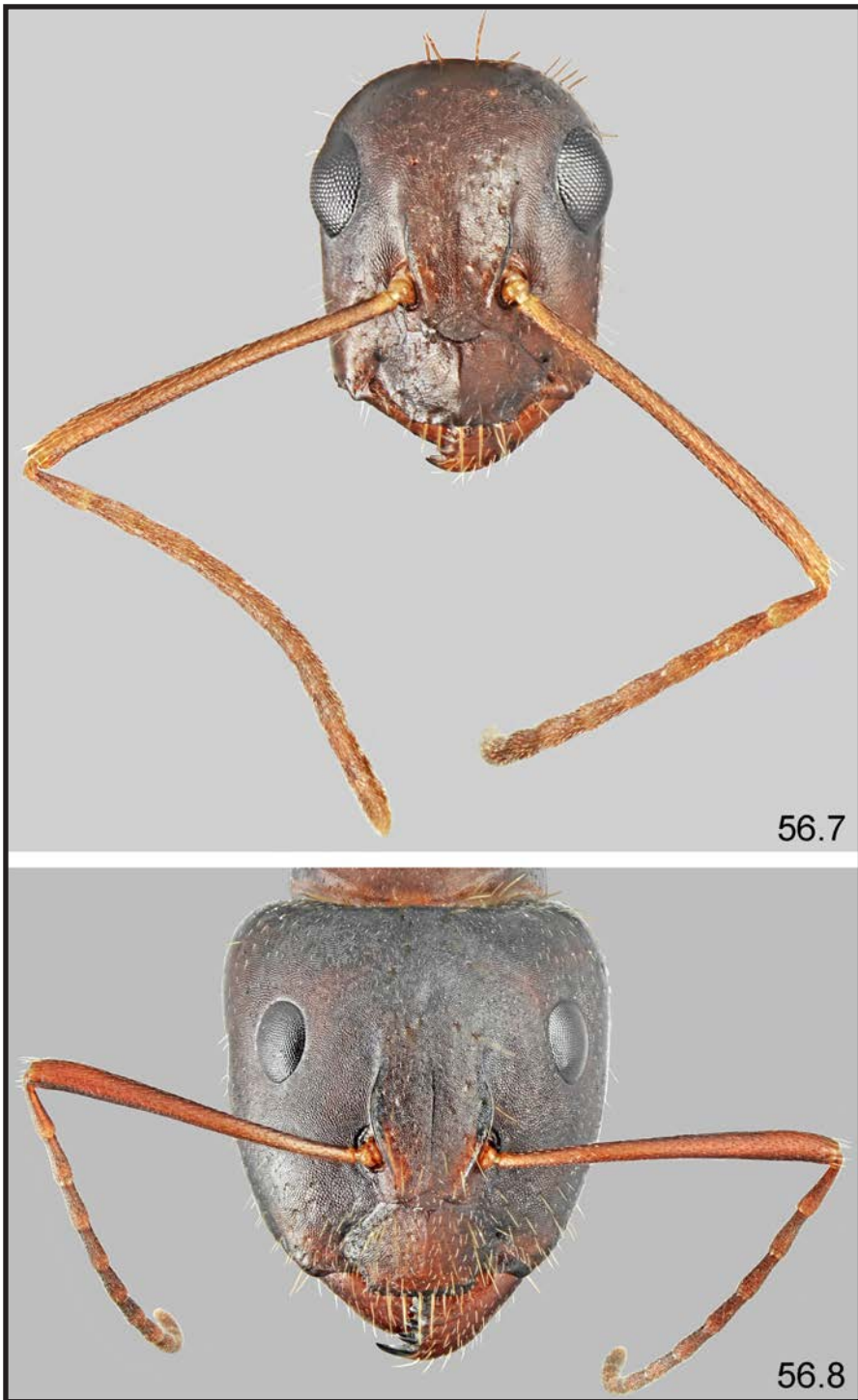


Fig. 56.7-8. *Camponotus oertzeni* Forel: 7 – minor worker, head, 7 – major worker, head (photographed by Lech Borowiec)



Fig. 56.9-10. *Camponotus oertzeni* Forel: 9 – pale form, 10 – setation of posterior margin of the first gastral tergite (photographed by Lech Borowiec)



Fig. 56.11-12. *Camponotus oertzeni* Forel: 11 – gyne, dorsal, 12 – gyne, lateral (photographed by Lech Borowiec)

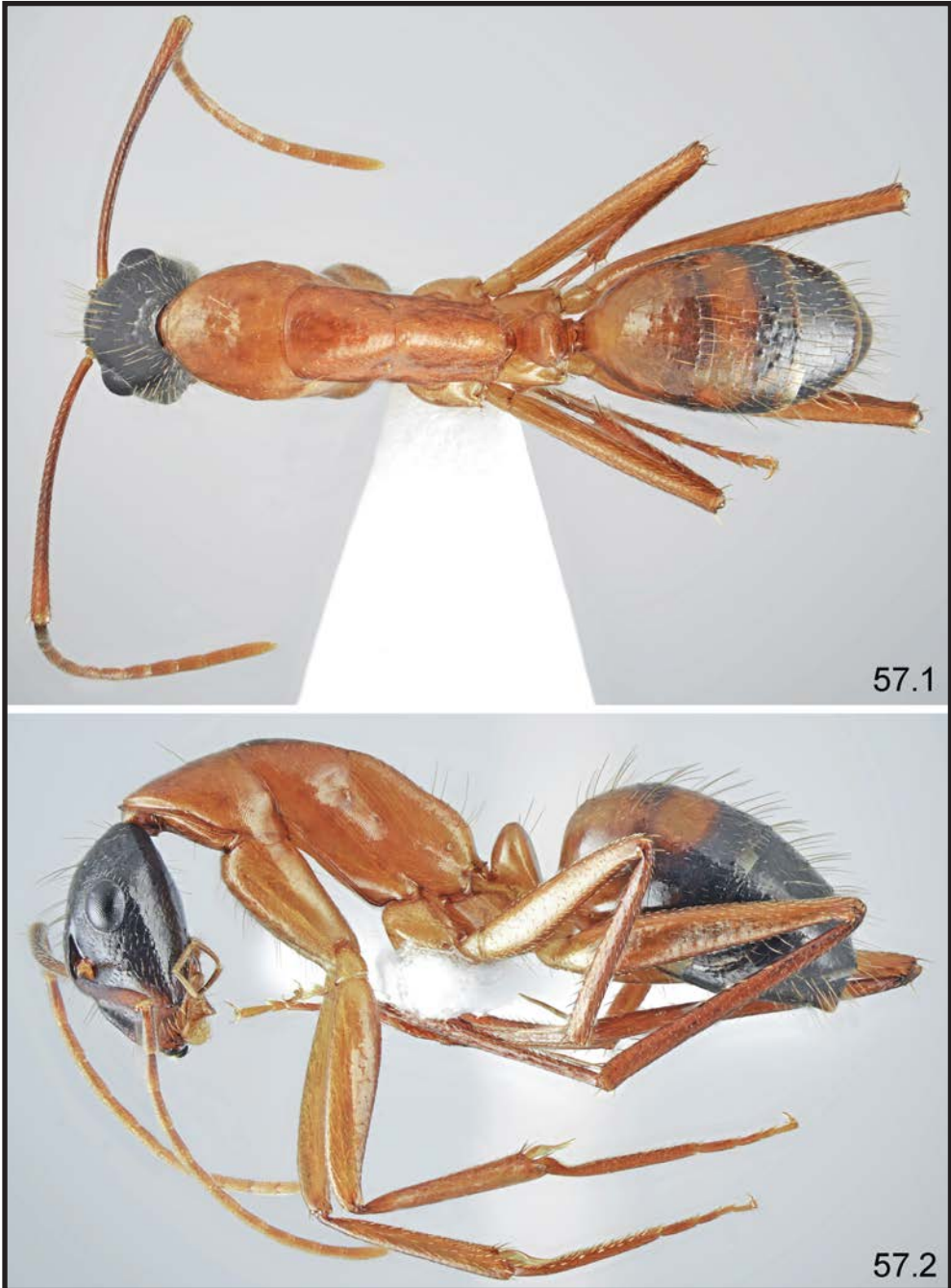


Fig. 57.1-2. *Camponotus samius* Forel: 1 – minor worker, dorsal, 2 – minor worker, lateral (photographed by Lech Borowiec)



Fig. 57.3-4. *Camponotus samius* Forel: 3 –major worker, dorsal, 4 – major worker, lateral (photographed by Lech Borowiec)

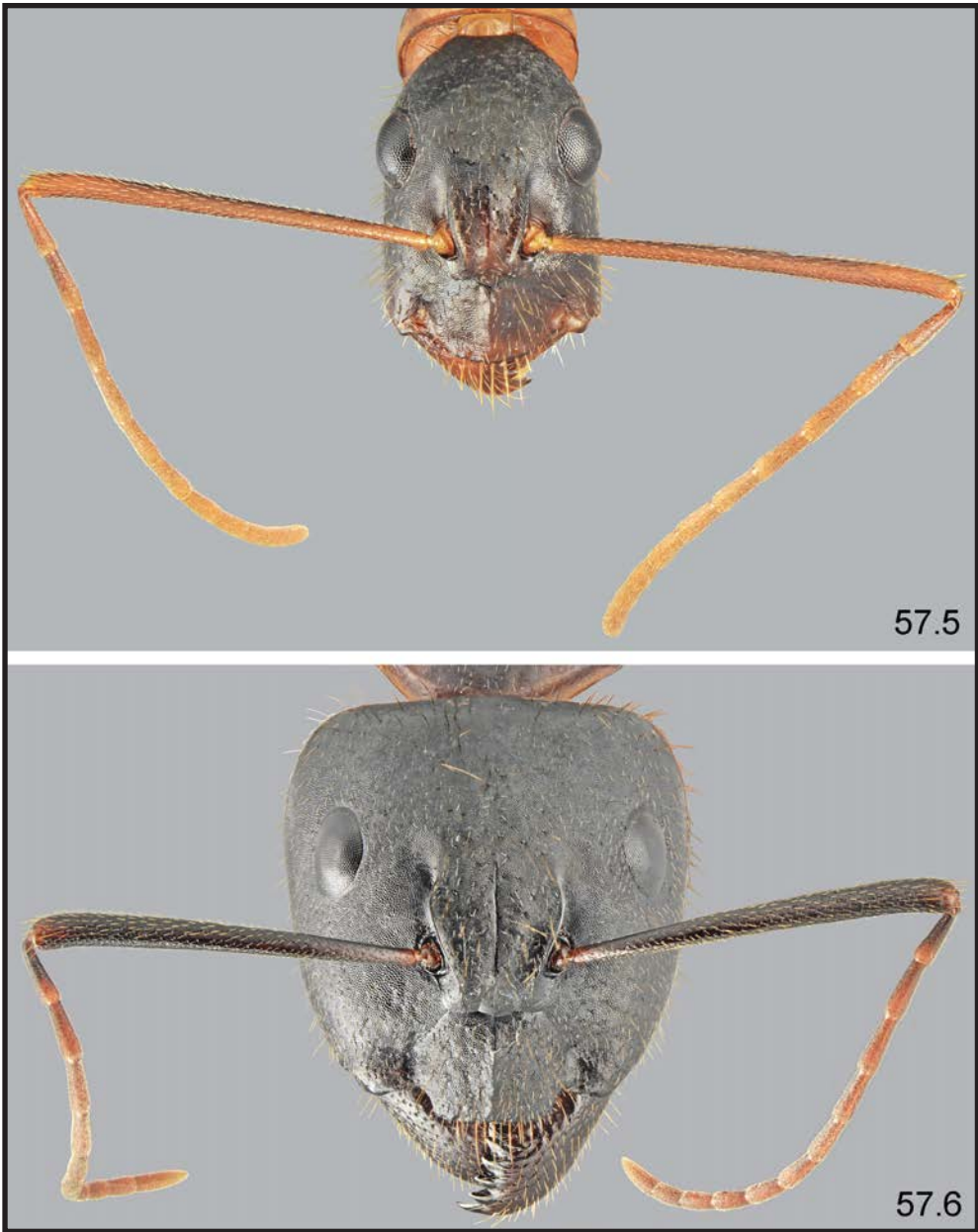


Fig. 57.5-6. *Camponotus samius* Forel: 5 – minor worker, head, 6 – major worker, head (photographed by Lech Borowiec)



Fig. 57.7-8. *Camponotus samius* Forel: 7 – gyne, dorsal, 8 – gyne, lateral (photographed by Lech Borowiec)



Fig. 57.9. *Camponotus samius* Forel – male, lateral (photographed by Lech Borowiec)

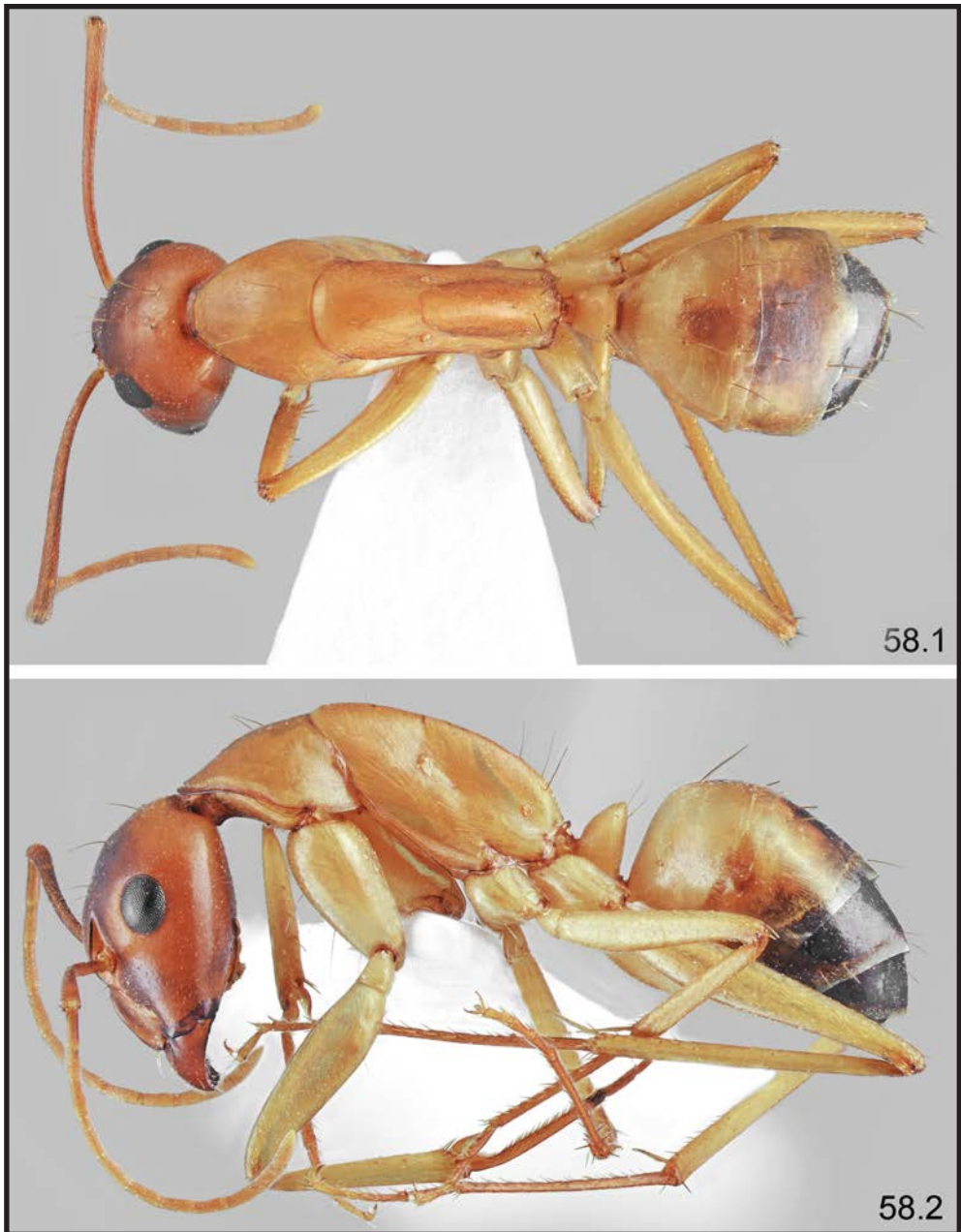


Fig. 58.1-2. *Camponotus sanctus* Forel: 1 – minor worker, dorsal, 2 – minor worker, lateral (photographed by Lech Borowiec)

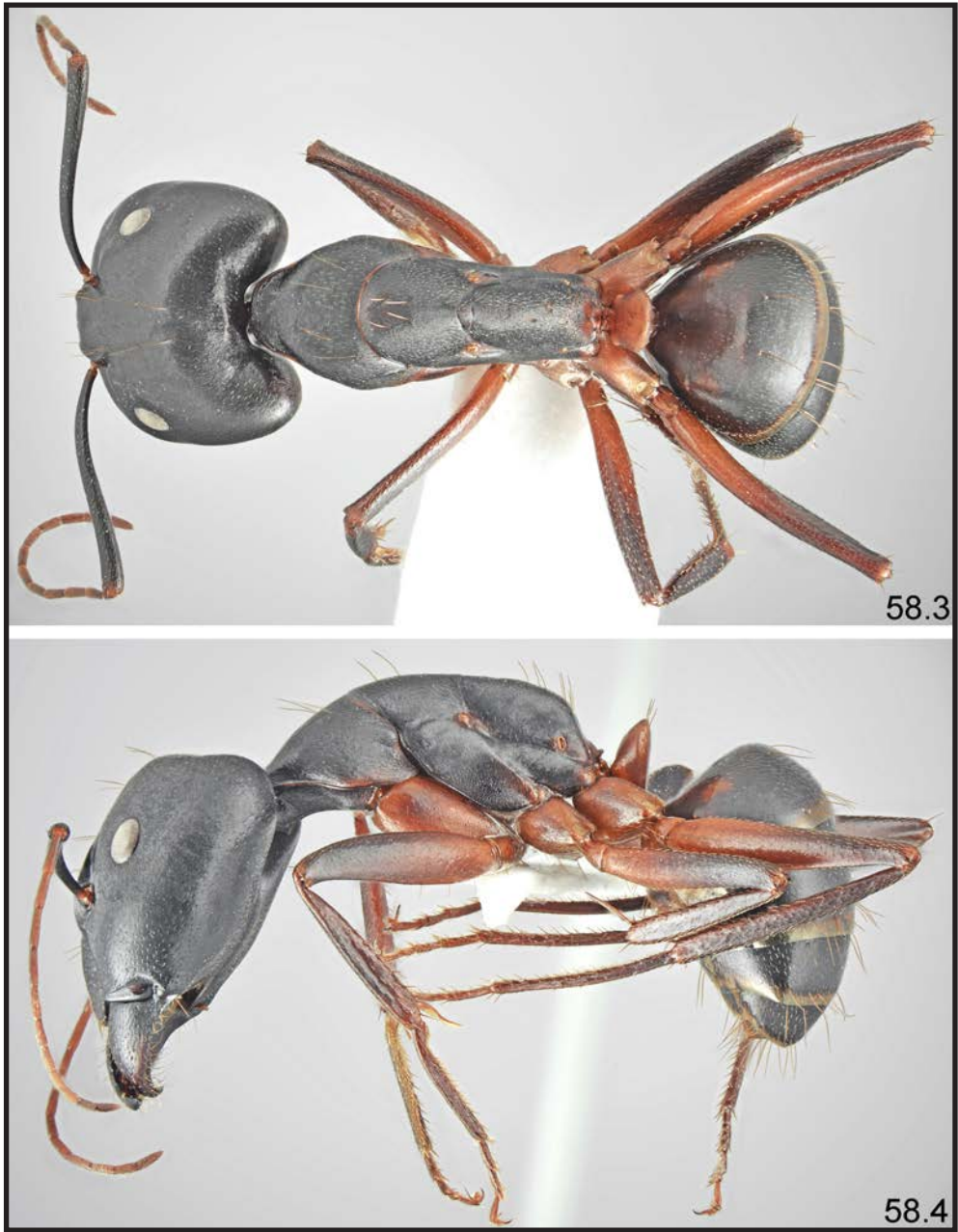


Fig. 58.3-4. *Camponotus sanctus* Forel: 3 –major worker, dorsal, 4 – major worker, lateral (photographed by Lech Borowiec)



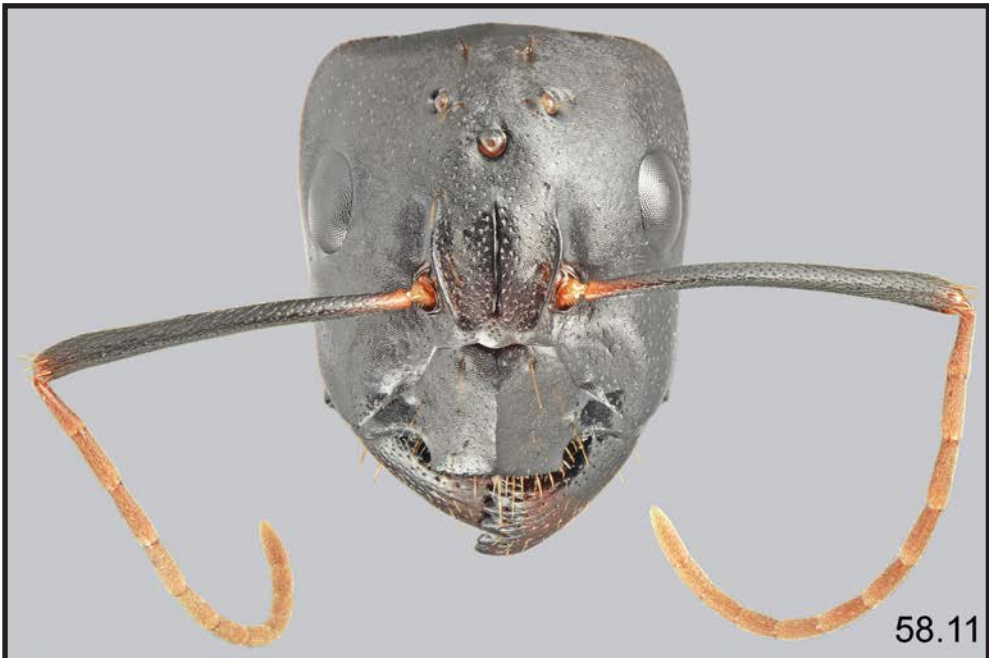
Fig. 58.5-6. *Camponotus sanctus* Forel: 5 – minor worker, head, 6 – major worker, head (photographed by Lech Borowiec)



Fig. 58.7-8. *Camponotus sanctus* Forel: 7 – bicolours minor worker, 8 – medium worker (photographed by Lech Borowiec)



Fig. 58.9-10. *Camponotus sanctus* Forel: 9 – gyne, dorsal, 10 – gyne, lateral (photographed by Lech Borowiec)



58.11



58.12

Fig. 58.11-12. *Camponotus sanctus* Forel: 11 – gyne, head, 12 – male, lateral (photographed by Lech Borowiec)



Fig. 59.1-2. *Camponotus sannini* Tohmé & Tohmé: 1 – minor worker, dorsal, 2 – minor worker, lateral (photographed by Lech Borowiec)



Fig. 59.3-4. *Camponotus sannini* Tohmé & Tohmé: 3 –major worker, dorsal, 4 – major worker, lateral (photographed by Lech Borowiec)



Fig. 59.5-6. *Camponotus sannini* Tohmé & Tohmé: 5 – minor worker, head, 6 – major worker, head (photographed by Lech Borowiec)



Fig. 60.1-2. *Cataglyphis cretica* Forel: 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)



Fig. 60.3-4. *Cataglyphis cretica* Forel: 3 – worker, head, 4 – gyne, head (photographed by Lech Borowiec)



Fig. 60.5-6. *Cataglyphis cretica* Forel: 5 – gyne, dorsal, 6 – gyne, lateral (photographed by Lech Borowiec)



Fig. 60.7. *Cataglyphis cretica* Forel – male, lateral (photographed by Lech Borowiec)

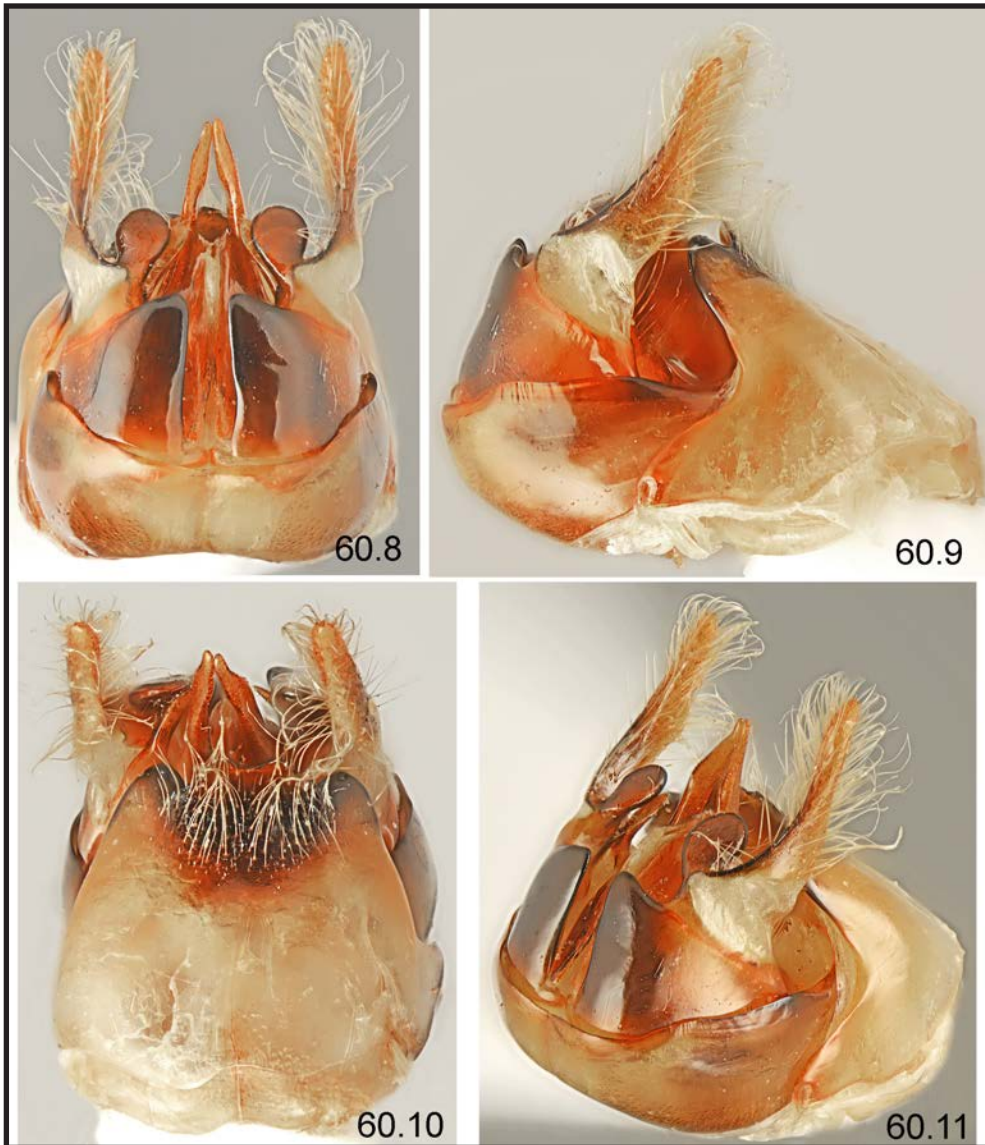


Fig. 60.8-11. *Cataglyphis cretica* Forel, male genitalia: 8 – dorsal, 9 – lateral, 10 – ventral, 11 – dorsolateral (photographed by Lech Borowiec)

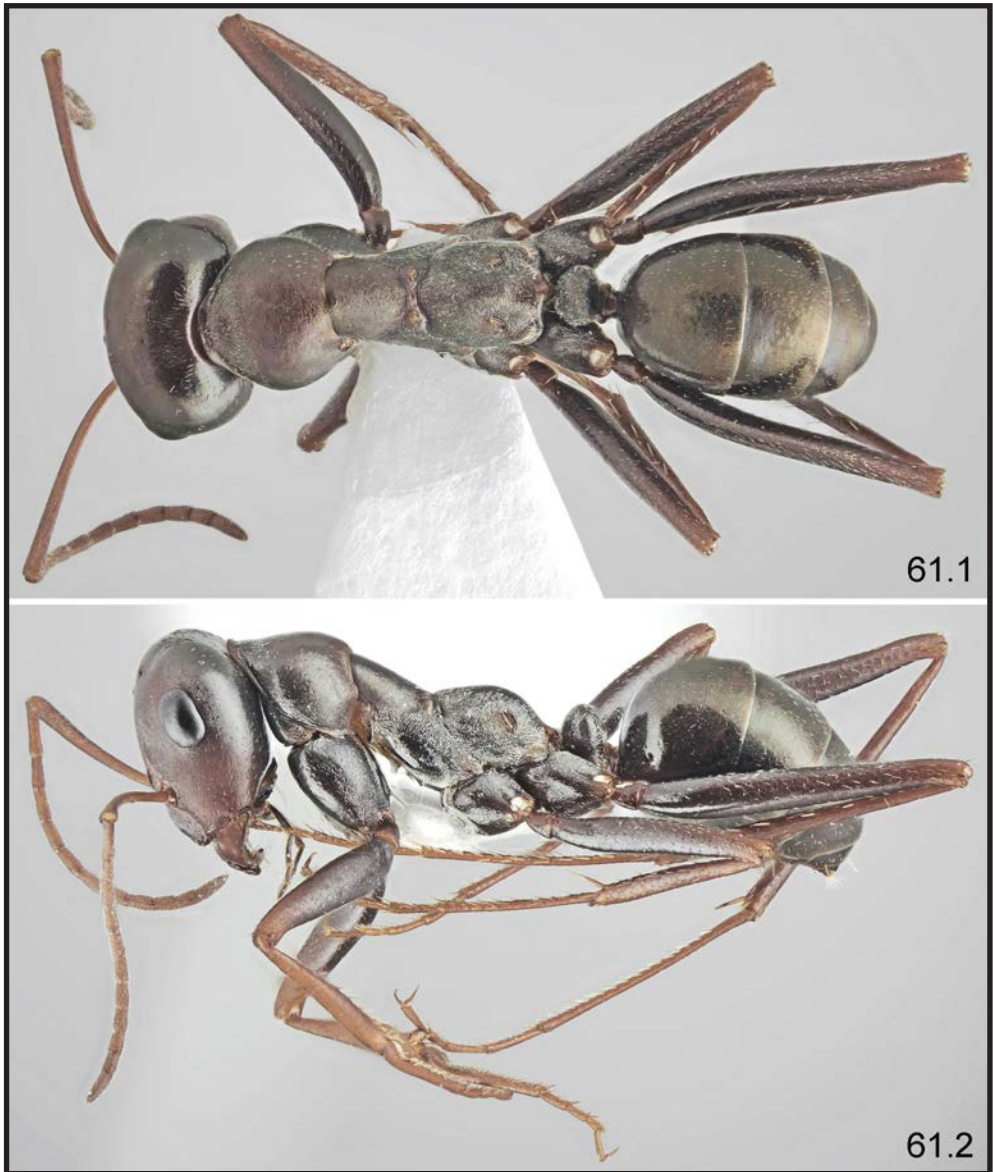


Fig. 61.1-2. *Cataglyphis hellenica* (Forel), worker of northern population: 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)



Fig. 61.3-4. *Cataglyphis hellenica* (Forel): 3 – worker, head, 4 – gyne, head (photographed by Lech Borowiec)



Fig. 61.5-6. *Cataglyphis hellenica* (Forel): 5 – gyne, dorsal, 6 – gyne, lateral (photographed by Lech Borowiec)

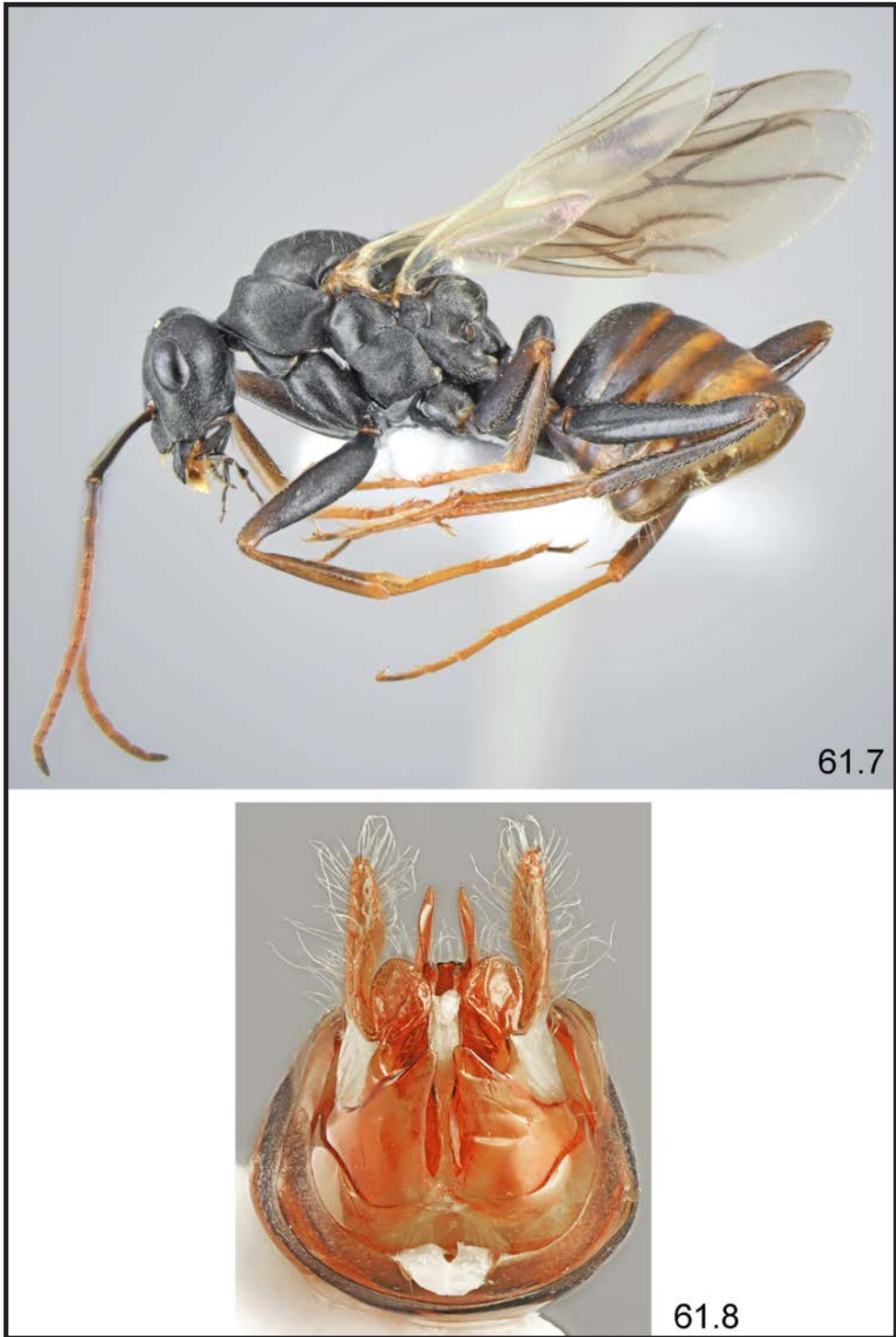


Fig. 61.7-8. *Cataglyphis hellenica* (Forel): 7 – male, lateral, 8 – male genitalia of populations from Sterea Ellas (photographed by Lech Borowiec)



Fig. 61.9-12. *Cataglyphis hellenica* (Forel), male genitalia of northern populations: 9 – dorsal, 10 – lateral, 11 – ventral, 12 – dorsolateral (photographed by Lech Borowiec)



Fig. 61.13-14. *Cataglyphis hellenica* (Forel), workers of southern population: 13 – major worker, lateral, 14 – minor worker, lateral (photographed by Lech Borowiec)

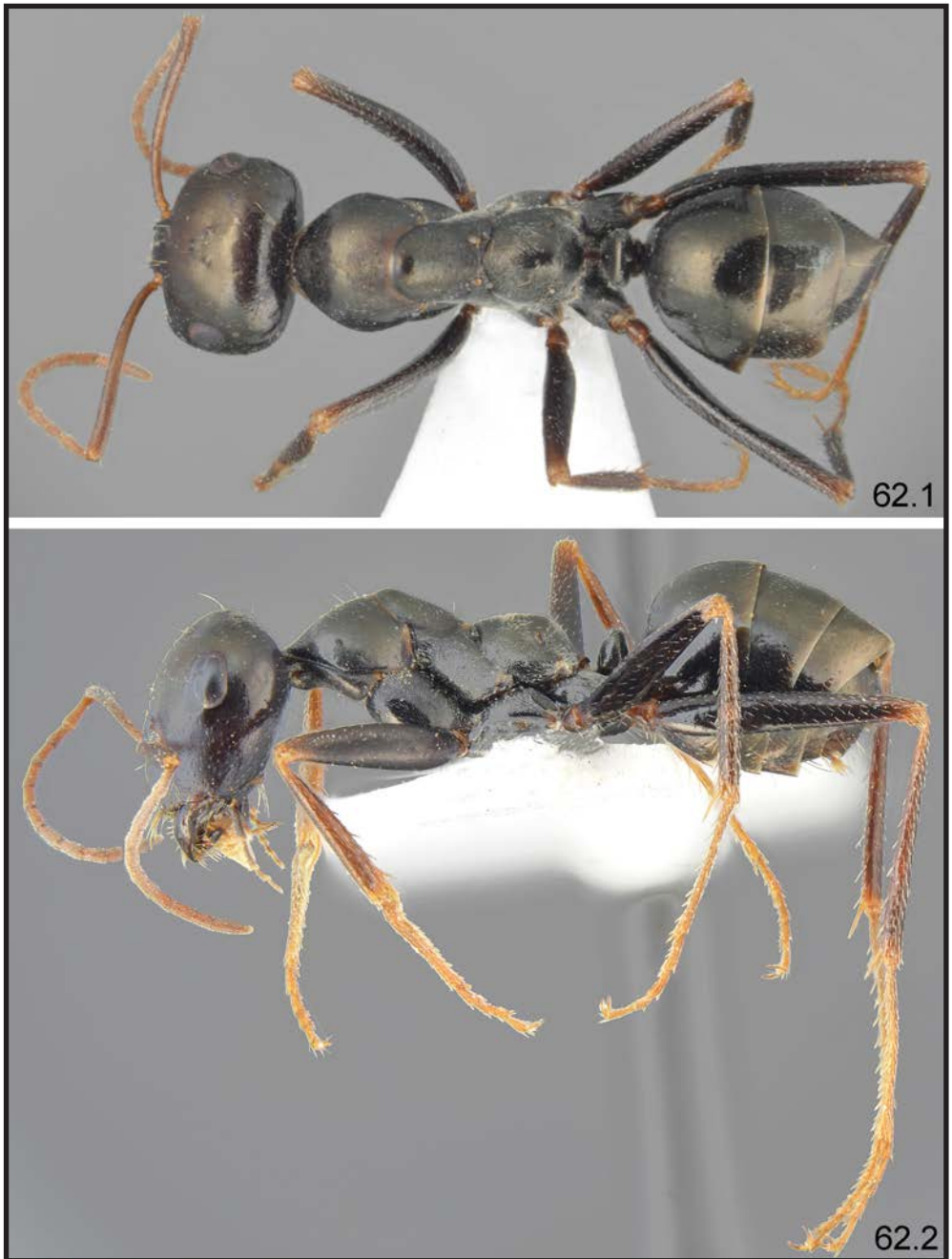


Fig. 62.1-2. *Cataglyphis minos* sp. nov.: 1 – holotype major worker, dorsal, 2 – holotype major worker, lateral (photographed by Lech Borowiec)

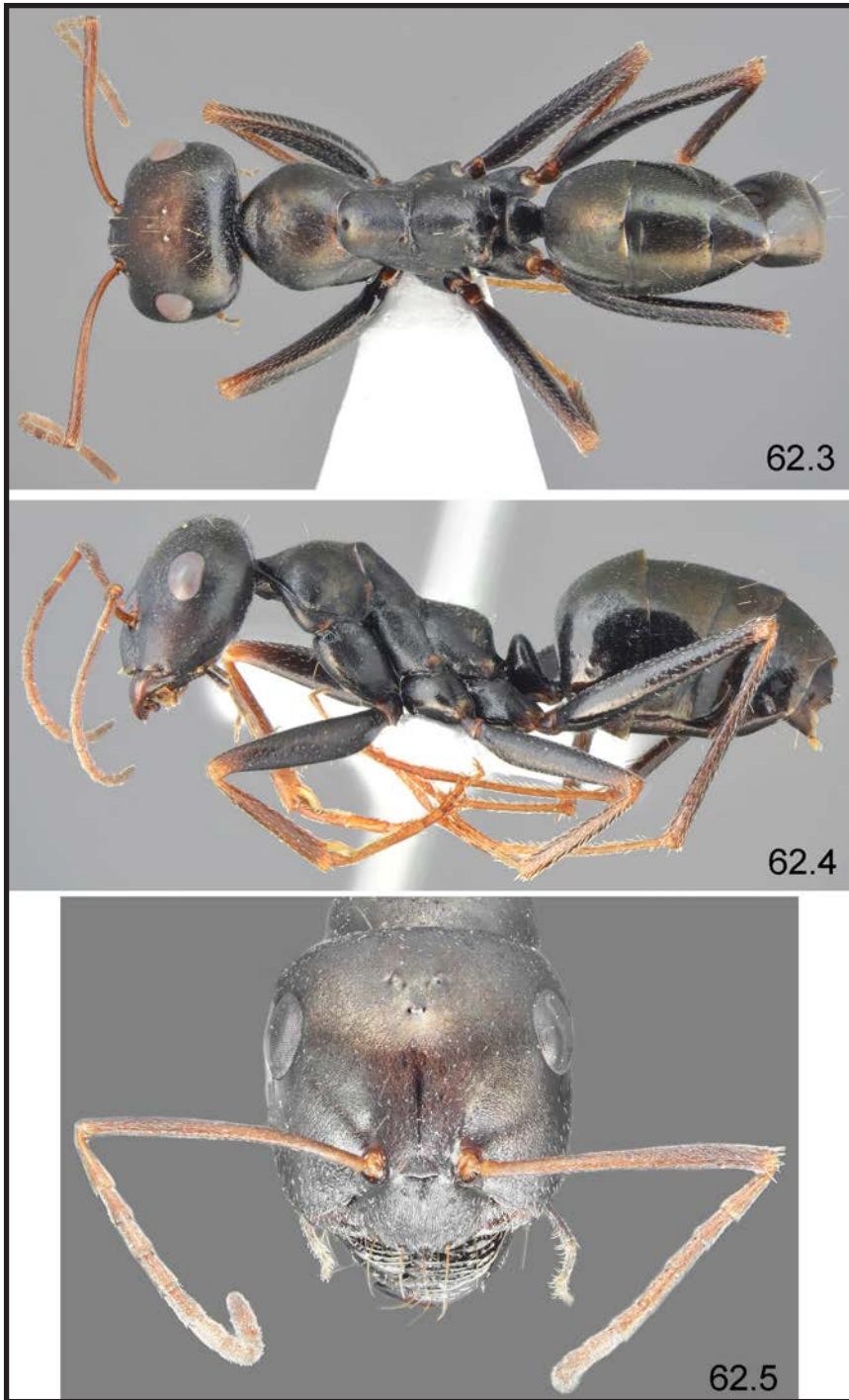


Fig. 62.3-5. *Cataglyphis minos* sp. nov.: 3 – setose major worker, dorsal, 4 – setose major worker, lateral, 5 – holotype major worker, head (photographed by Lech Borowiec)

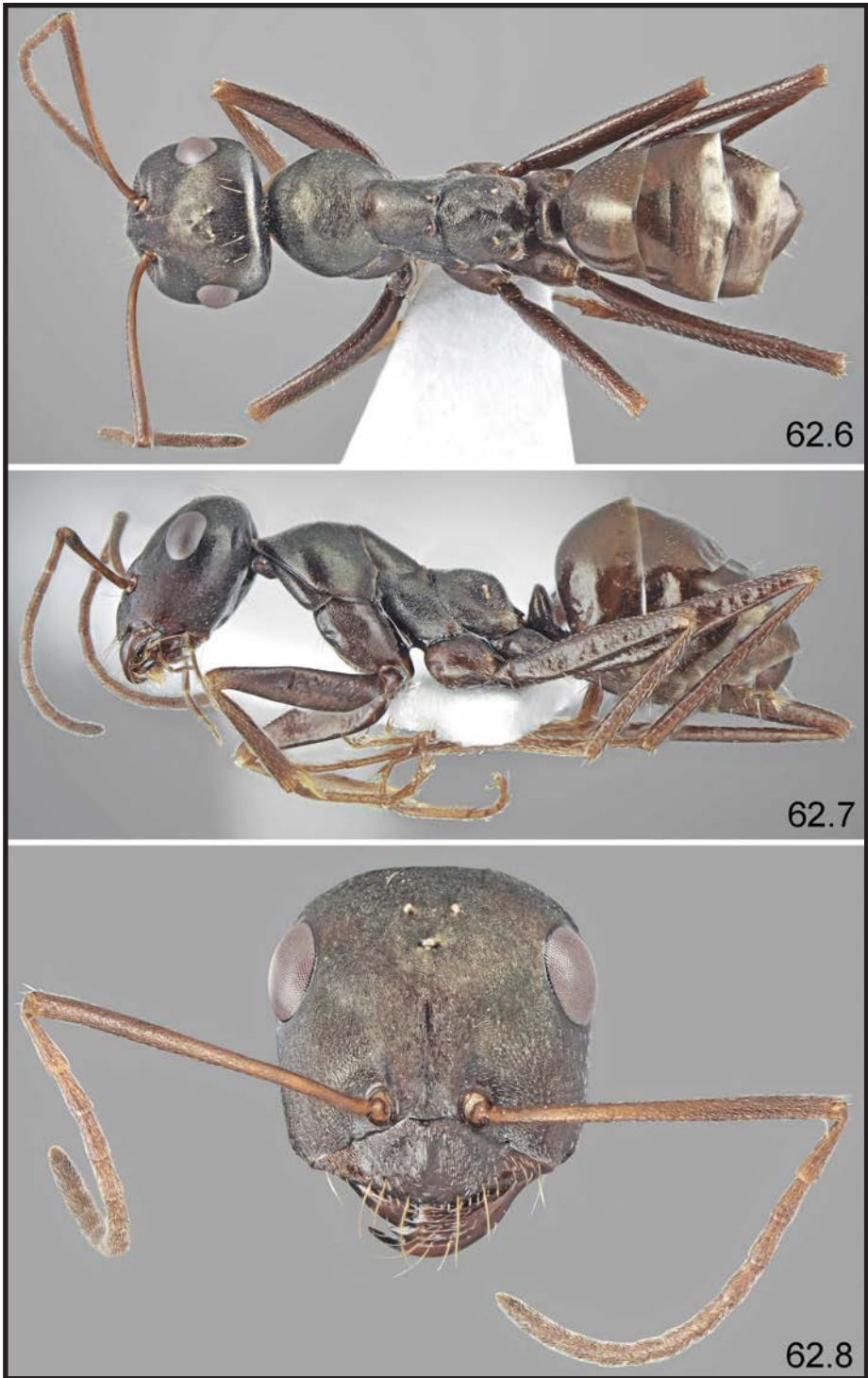


Fig. 62.6-8. *Cataglyphis minos* sp. nov.: 6 – minor worker, dorsal, 7 – minor worker, lateral, 8 – minor worker, head (photographed by Lech Borowiec)

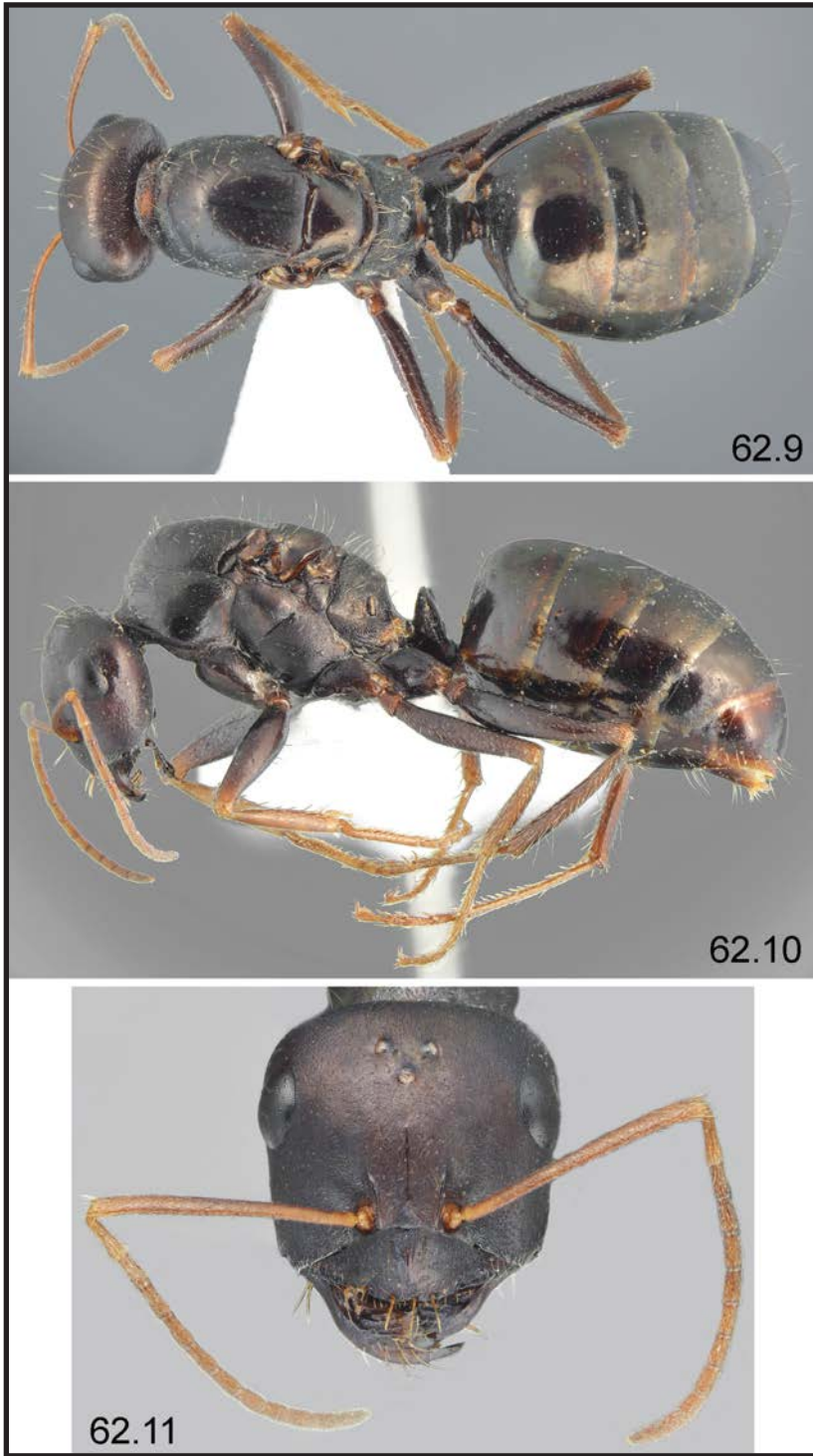


Fig. 62.9-11. *Cataglyphis minos* sp. nov.: 9 – gyne, dorsal, 10 – gyne, lateral, 11 – gyne, head (photographed by Lech Borowiec)

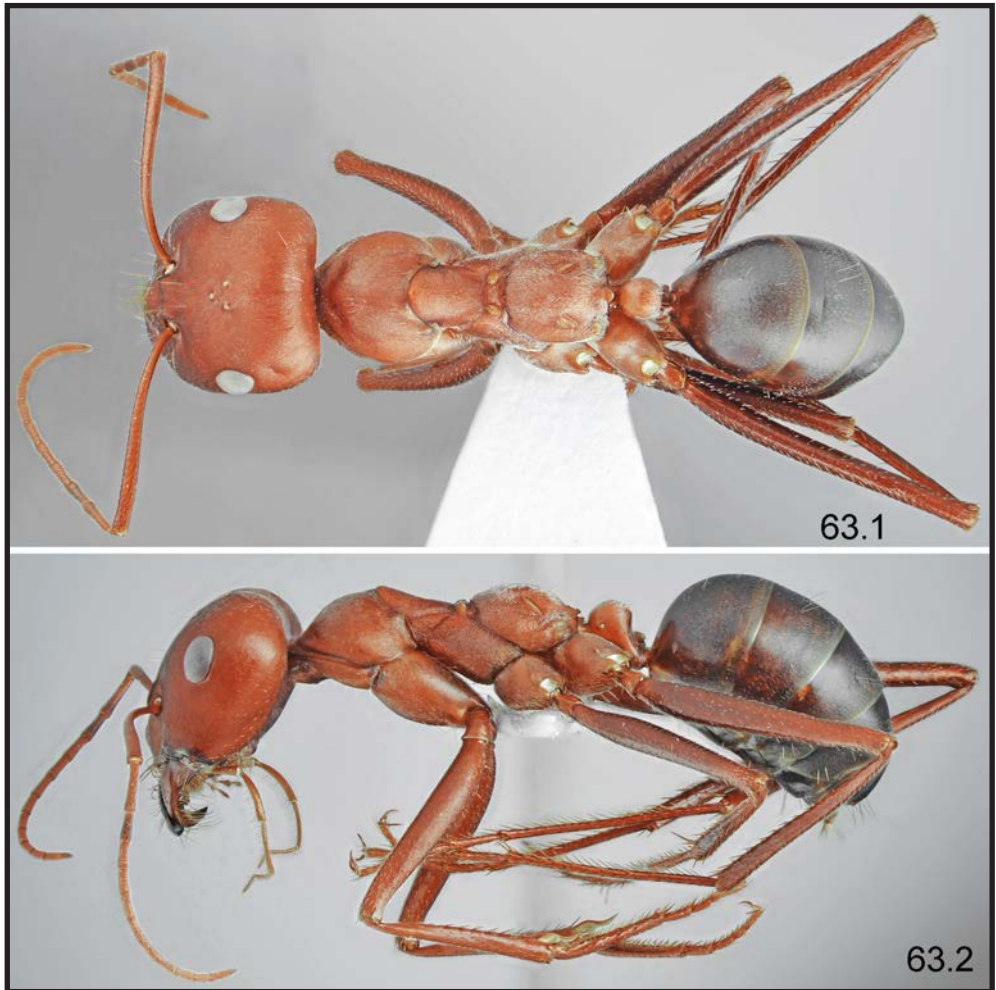


Fig. 63.1-2. *Cataglyphis nodus* (Brullé), typical pale form: 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)



Fig. 63.3-4. *Cataglyphis nodus* (Brullé): 3 – worker, head, 4 – gyne, head (photographed by Lech Borowiec)



Fig. 63.5-6. *Cataglyphis nodus* (Brullé), dark form from Samos: 5 – worker, dorsal, 6 – worker, lateral (photographed by Lech Borowiec)



Fig. 63.7-8. *Cataglyphis nodus* (Brullé): 7 – gyne, dorsal, 8 – gyne, lateral (photographed by Lech Borowiec)



Fig. 63.9. *Cataglyphis nodus* (Brullé) – male, lateral (photographed by Lech Borowiec)



Fig. 64.1-2. *Cataglyphis viaticoides* André: 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)

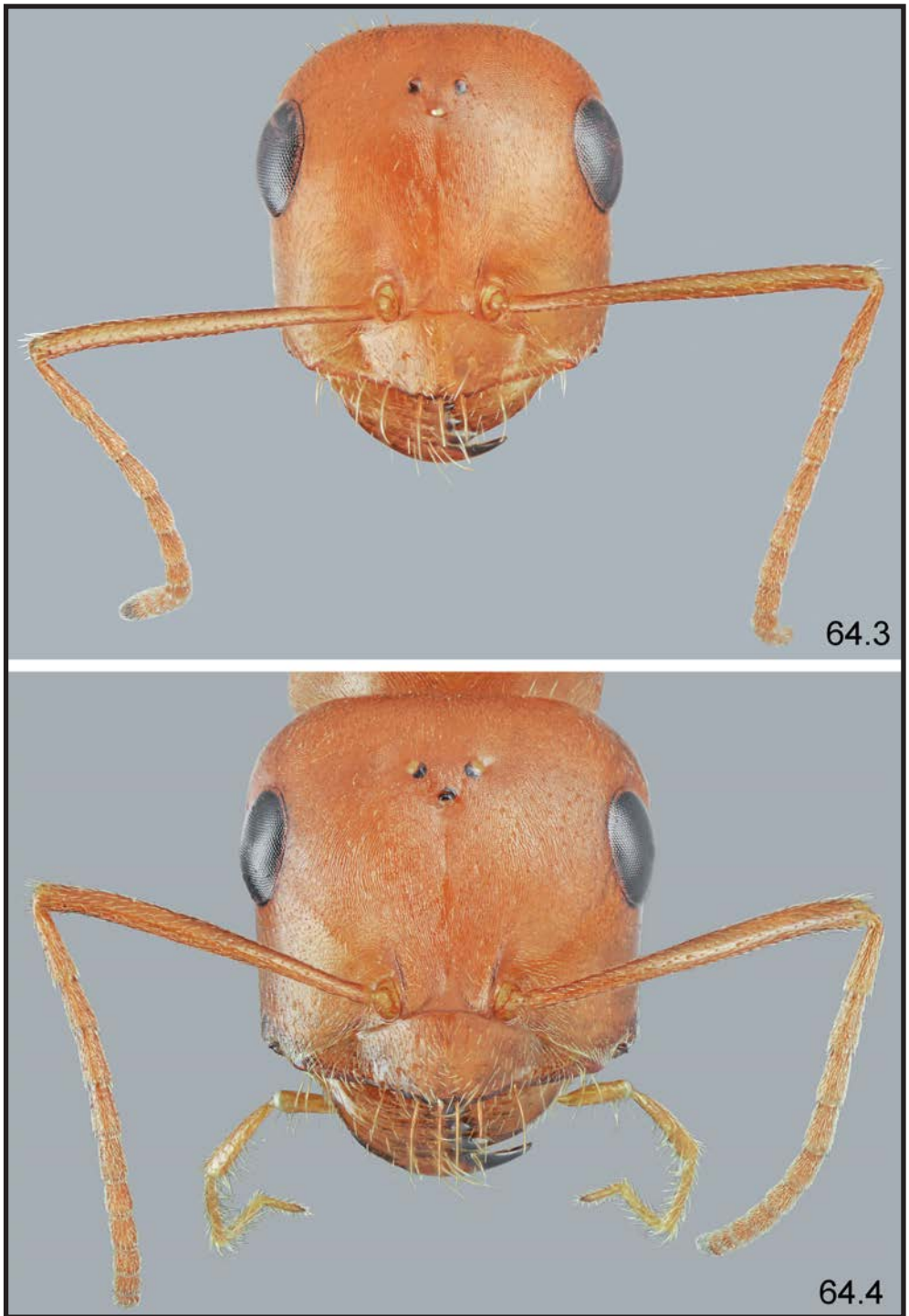


Fig. 64.3-4. *Cataglyphis viaticoides* André: 3 – worker, head, 4 – gyne, head (photographed by Lech Borowiec)



Fig. 64.5-6. *Cataglyphis viaticoides* André: 5 – gyne, dorsal, 6 – gyne, lateral (photographed by Lech Borowiec)



Fig. 65.1-2. *Colobopsis truncata* (Spinola): 1 – minor worker, dorsal, 2 – minor worker, lateral (photographed by Lech Borowiec)



Fig. 65.3-4. *Colobopsis truncata* (Spinola): 3 –major worker, dorsal, 4 – major worker, lateral (photographed by Lech Borowiec)



Fig. 65.5-6. *Colobopsis truncata* (Spinola): 5 – minor worker, head, 6 – major worker, head (photographed by Lech Borowiec)



Fig. 65.7-9. *Colobopsis truncata* (Spinola): 7 – gyne, dorsal, 8 – gyne, lateral, 9 – gyne, head (photographed by Lech Borowiec)



Fig. 66.1-2. *Formica lugubris* Zetterstedt: 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)

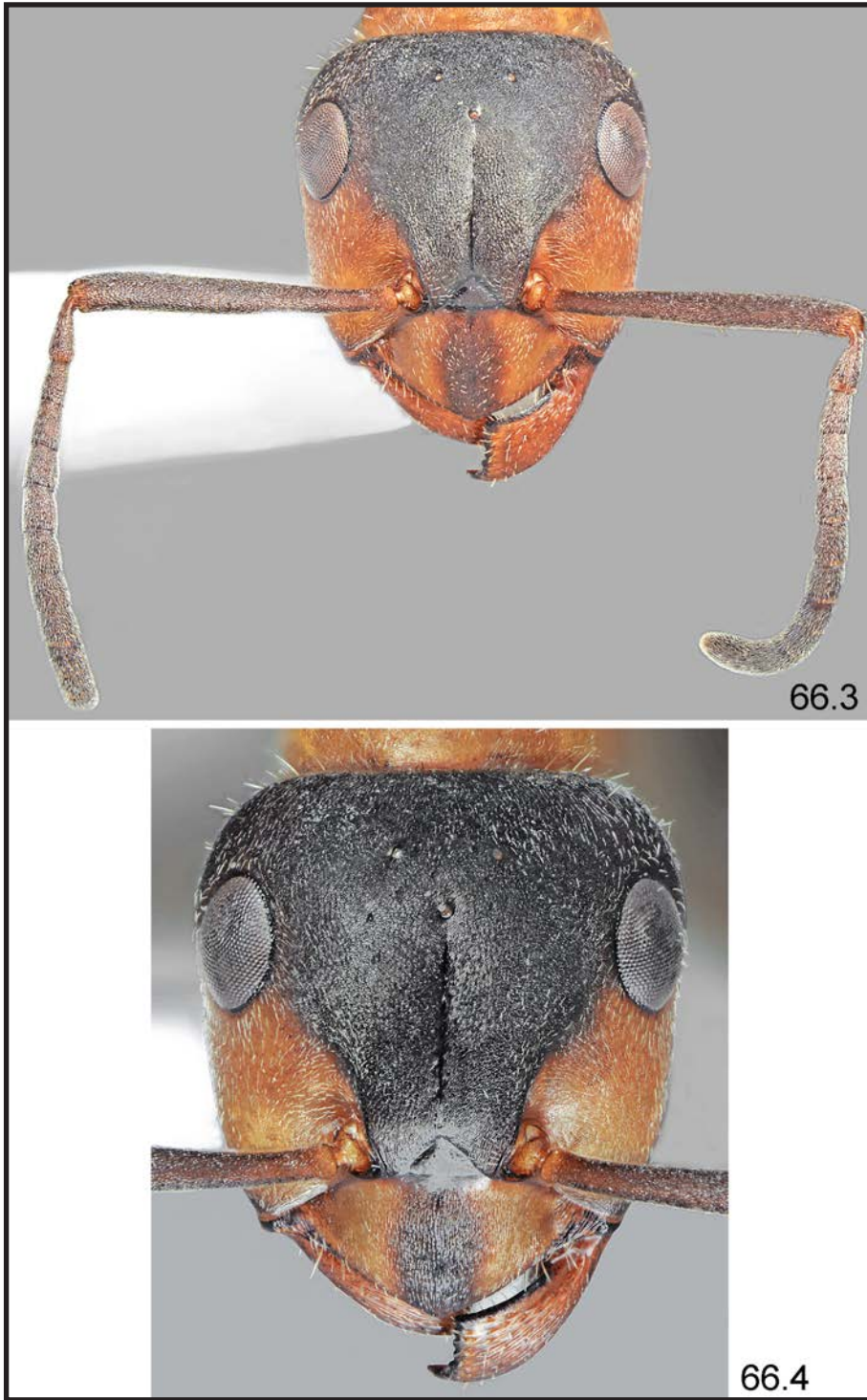


Fig. 66.3-4. *Formica lugubris* Zetterstedt: 3 – worker, head and antennae, 4 – worker, head (photographed by Lech Borowiec)



Fig. 66.5-6. *Formica lugubris* Zetterstedt: 5 – gyne, dorsal, 6 – gyne, lateral (photographed by Lech Borowiec)

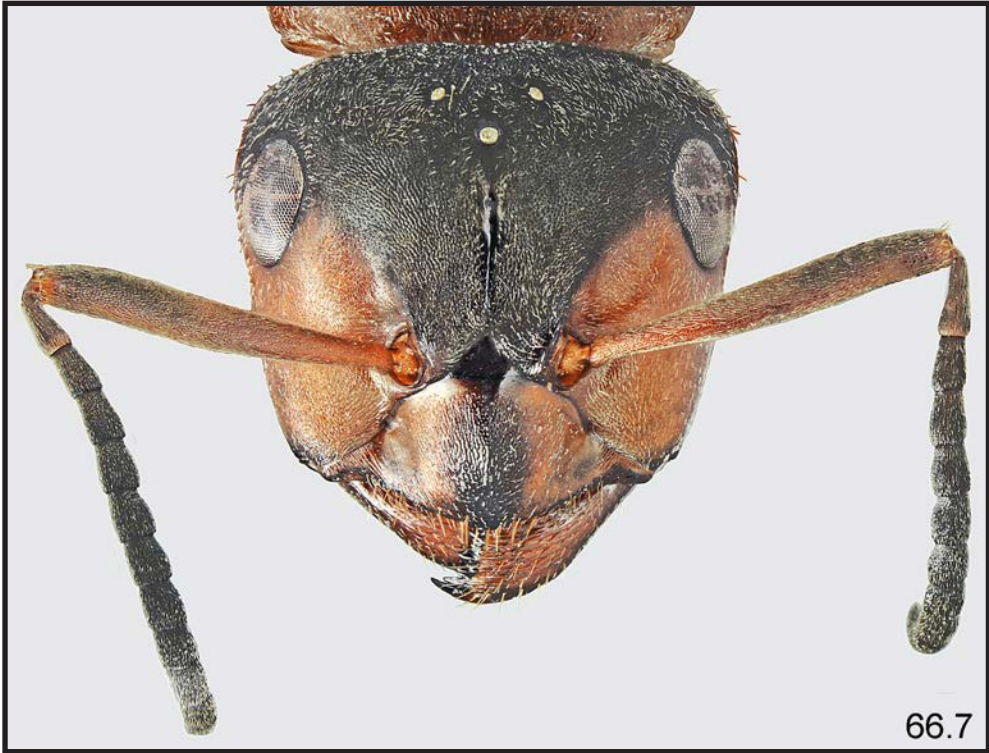


Fig. 66.7. *Formica lugubris* Zetterstedt – gyne, head (photographed by Lech Borowiec)



Fig. 67.1-2. *Formica polyclena* Förster: 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)

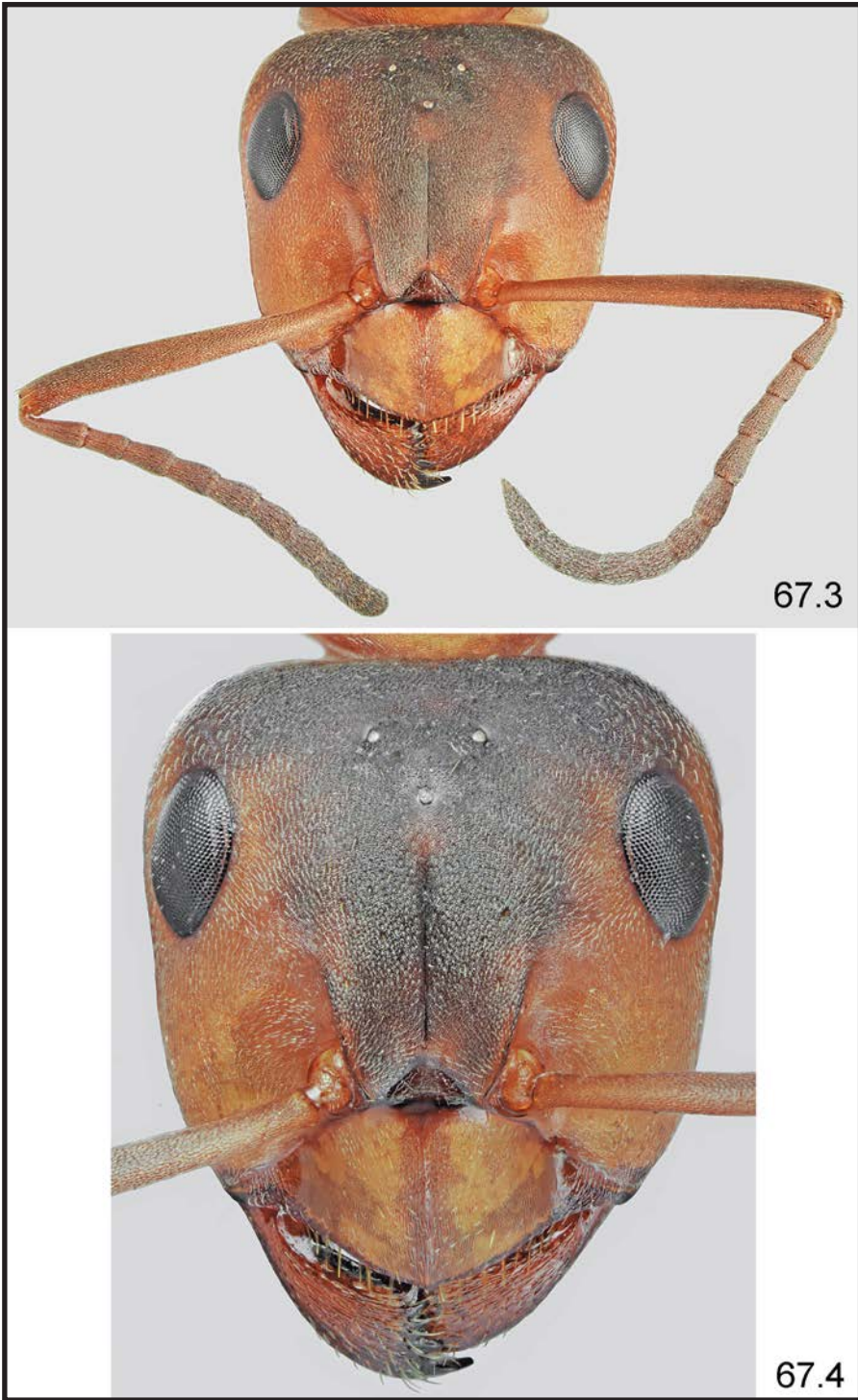


Fig. 67.3-4. *Formica polycтена* Förster: 3 – worker, head and antennae, 4 – worker, head (photographed by Lech Borowiec)

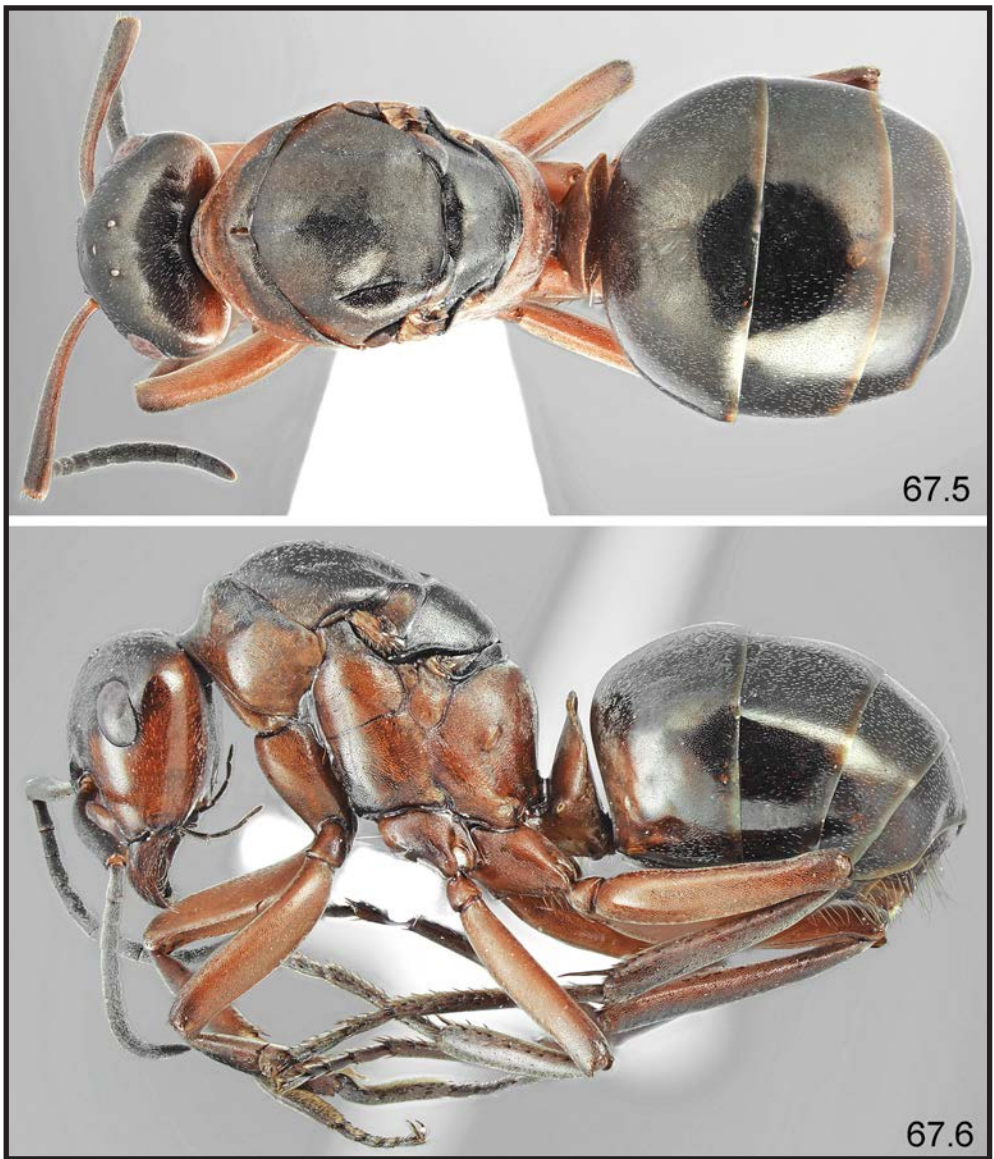


Fig. 67.5-6. *Formica polycltana* Förster: 5 – gyne, dorsal, 6 – gyne, lateral (photographed by Lech Borowiec)



Fig. 67.7. *Formica polycytena* Förster – gyne, head (photographed by Lech Borowiec)



Fig. 68.1-2. *Formica pratensis* Retzius: 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)



Fig. 68.3-4. *Formica pratensis* Retzius: 3 – worker, head and antennae, 4 – worker, head (photographed by Lech Borowiec)



Fig. 68.5-6. *Formica pratensis* Retzius: 5 – gyne, dorsal, 6 – gyne, lateral (photographed by Lech Borowiec)



Fig. 68.7. *Formica pratensis* Retzius – gyne, head (photographed by Lech Borowiec)



Fig. 69.1-2. *Formica rufa* Linnaeus: 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)

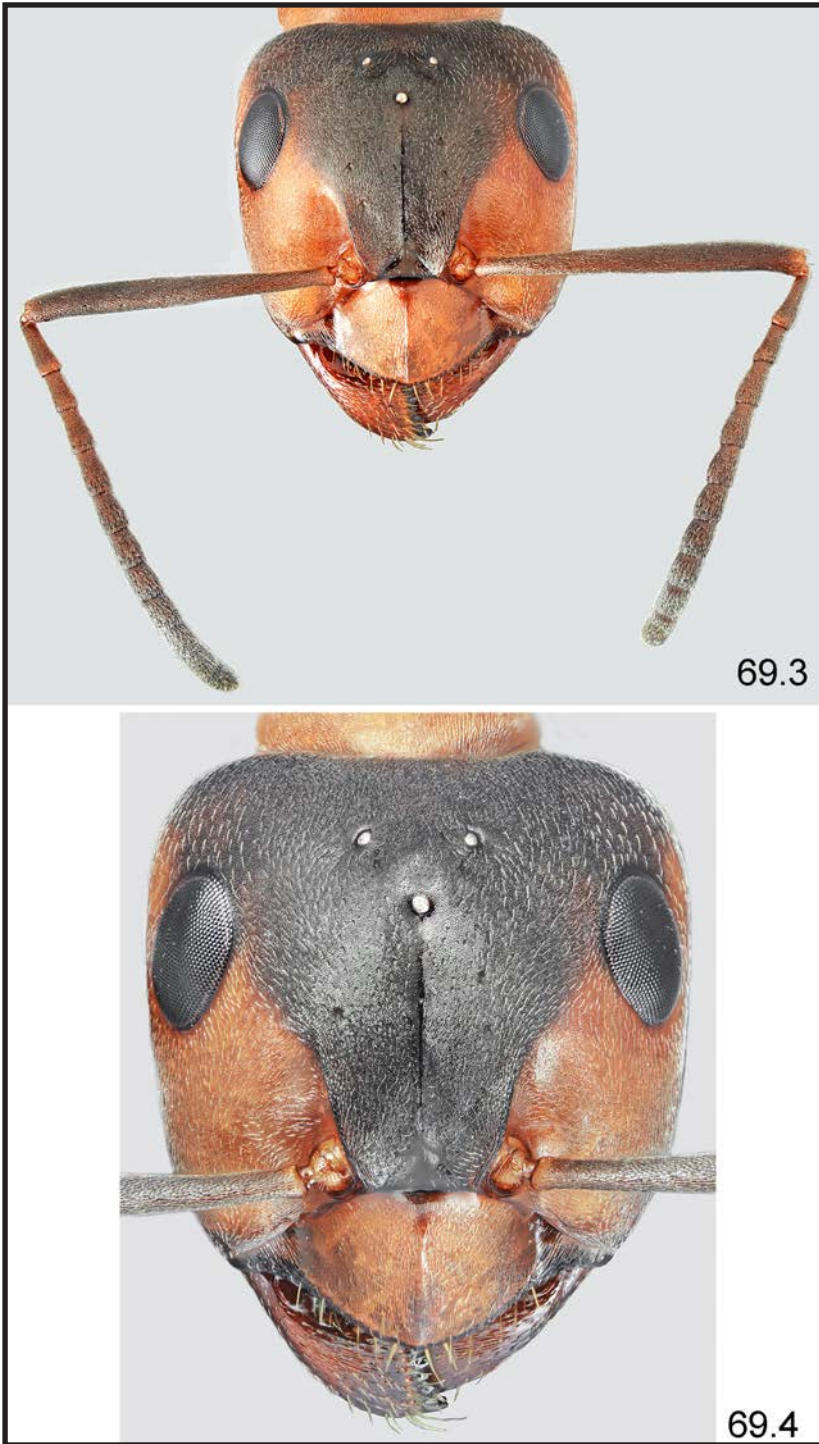


Fig. 69.3-4. *Formica rufa* Linnaeus: 3 – worker, head and antennae, 4 – worker, head (photographed by Lech Borowiec)

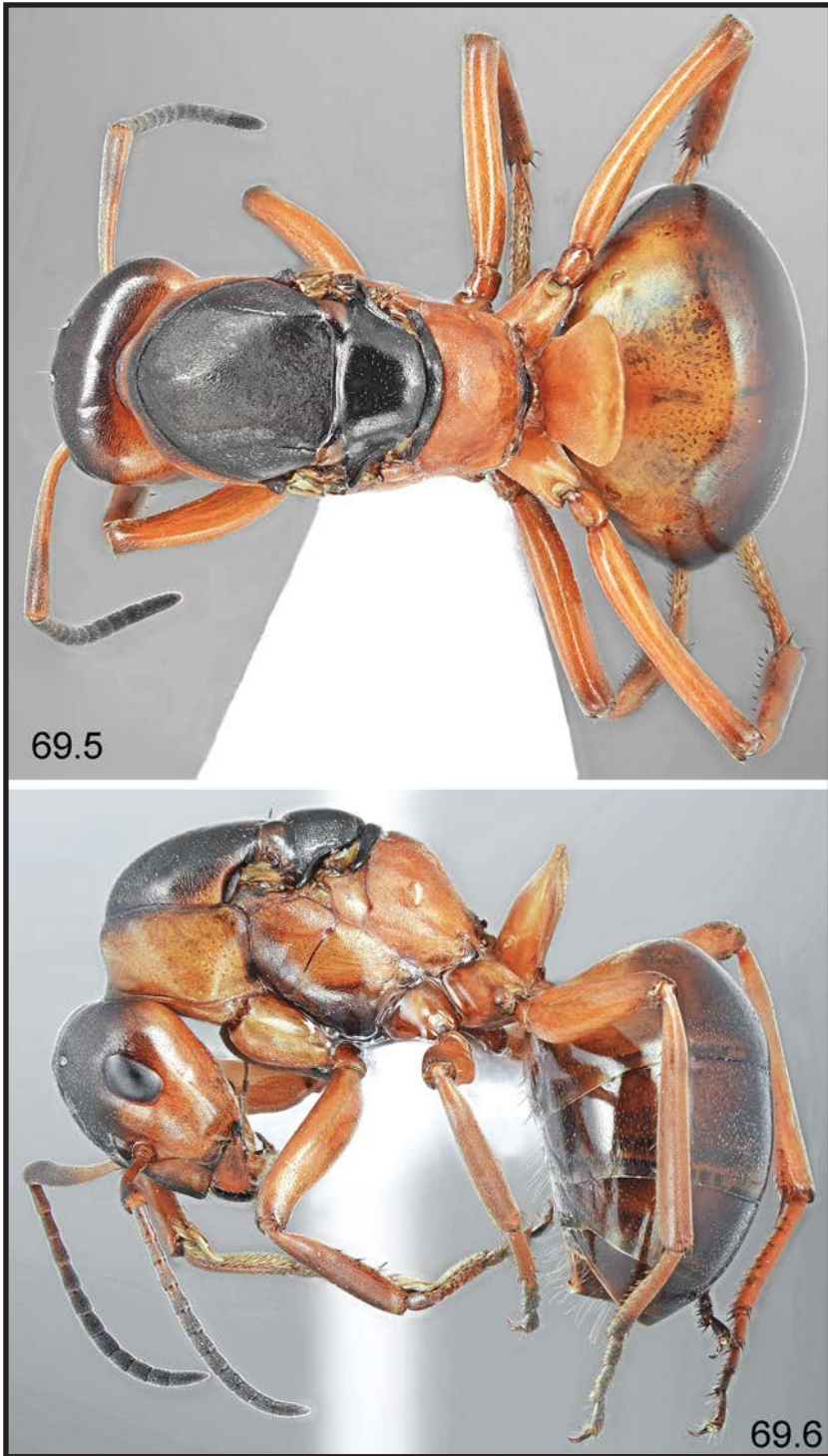


Fig. 69.5-6. *Formica rufa* Linnaeus: 5 – gyne, dorsal, 6 – gyne, lateral (photographed by Lech Borowiec)



Fig. 69.7. *Formica rufa* Linnaeus – gyne, head (photographed by Lech Borowiec)



Fig. 70.1-2. *Formica bruni* Kutter: 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)



Fig. 70.3-4. *Formica bruni* Kutter: 3 – worker, head and antennae, 4 – worker, head (photographed by Lech Borowiec)



Fig. 71.1-2. *Formica exsecta* Nylander: 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)

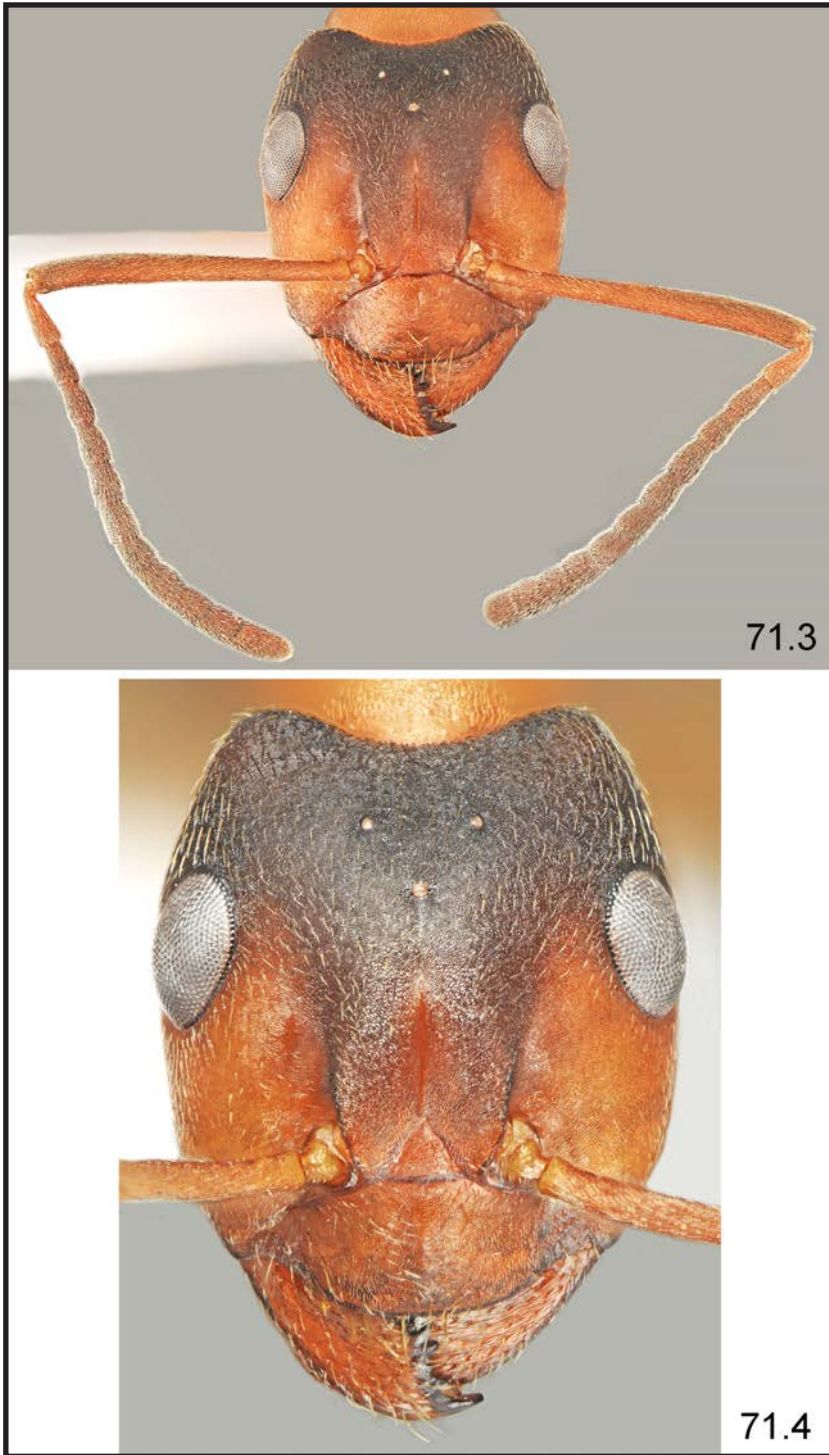


Fig. 71.3-4. *Formica exsecta* Nylander: 3 – worker, head and antennae, 4 – worker, head (photographed by Lech Borowiec)



Fig. 72.1-2. *Formica sanguinea* Latreille: 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)



Fig. 72.3-4. *Formica sanguinea* Latreille: 3 – worker, head and antennae, 4 – worker, head (photographed by Lech Borowiec)

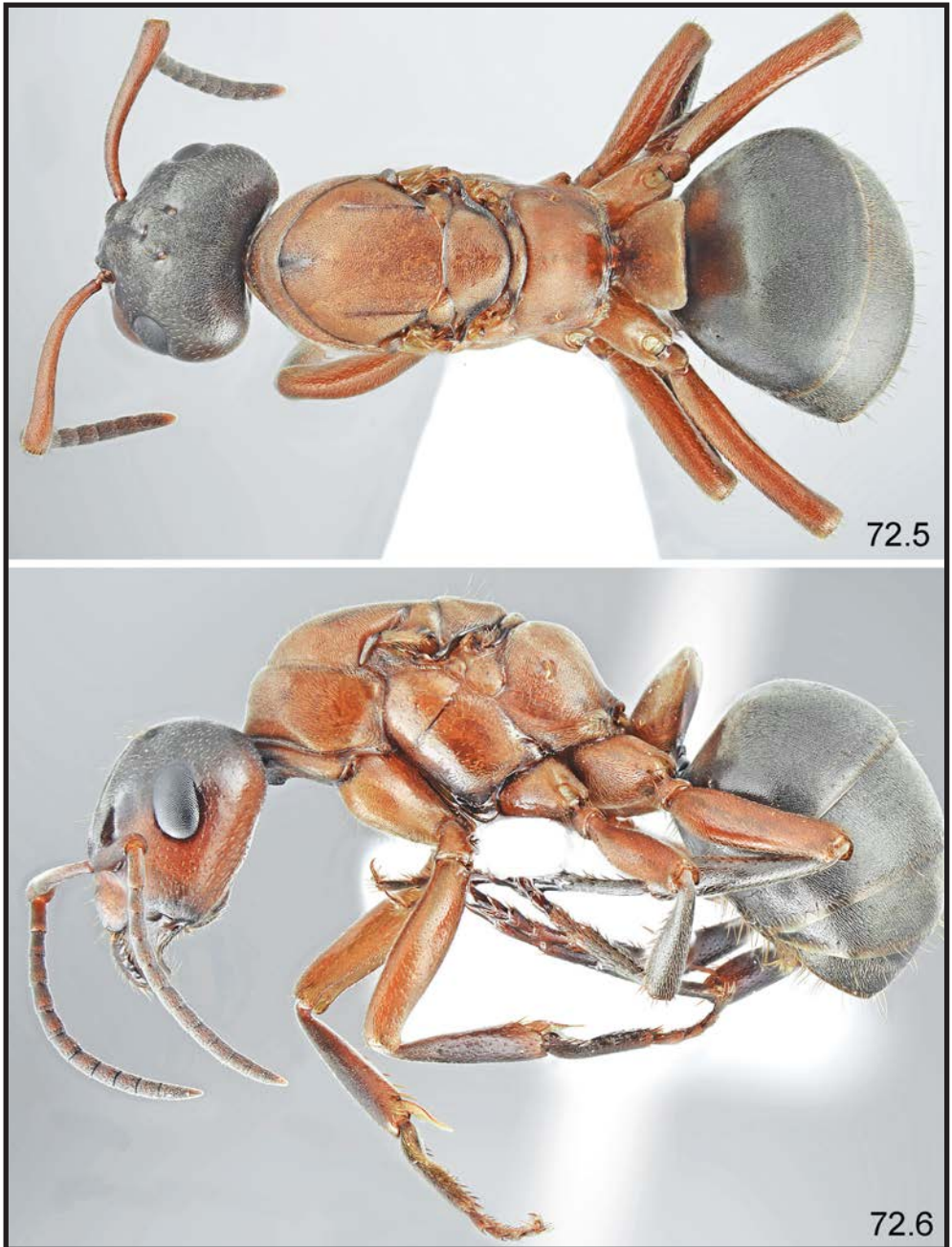


Fig. 72.5-6. *Formica sanguinea* Latreille: 5 – gyne, dorsal, 6 – gyne, lateral (photographed by Lech Borowiec)



Fig. 72.7. *Formica sanguinea* Latreille – gyne, head (photographed by Lech Borowiec)



Fig. 73.1-2. *Formica cinerea* Mayr: 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)



Fig. 73.3-4. *Formica cinerea* Mayr: 3 – worker, head and antennae, 4 – worker, head (photographed by Lech Borowiec)



Fig. 74.1-2. *Formica clara* Forel: 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)



Fig. 74.3-4. *Formica clara* Forel: 3 – worker, head and antennae, 4 – worker, head (photographed by Lech Borowiec)



Fig. 75.1-3. *Formica cunicularia* Latreille: 1 – worker, dorsal, 2 – typical worker, lateral, 5 – dark worker, lateral (photographed by Lech Borowiec)

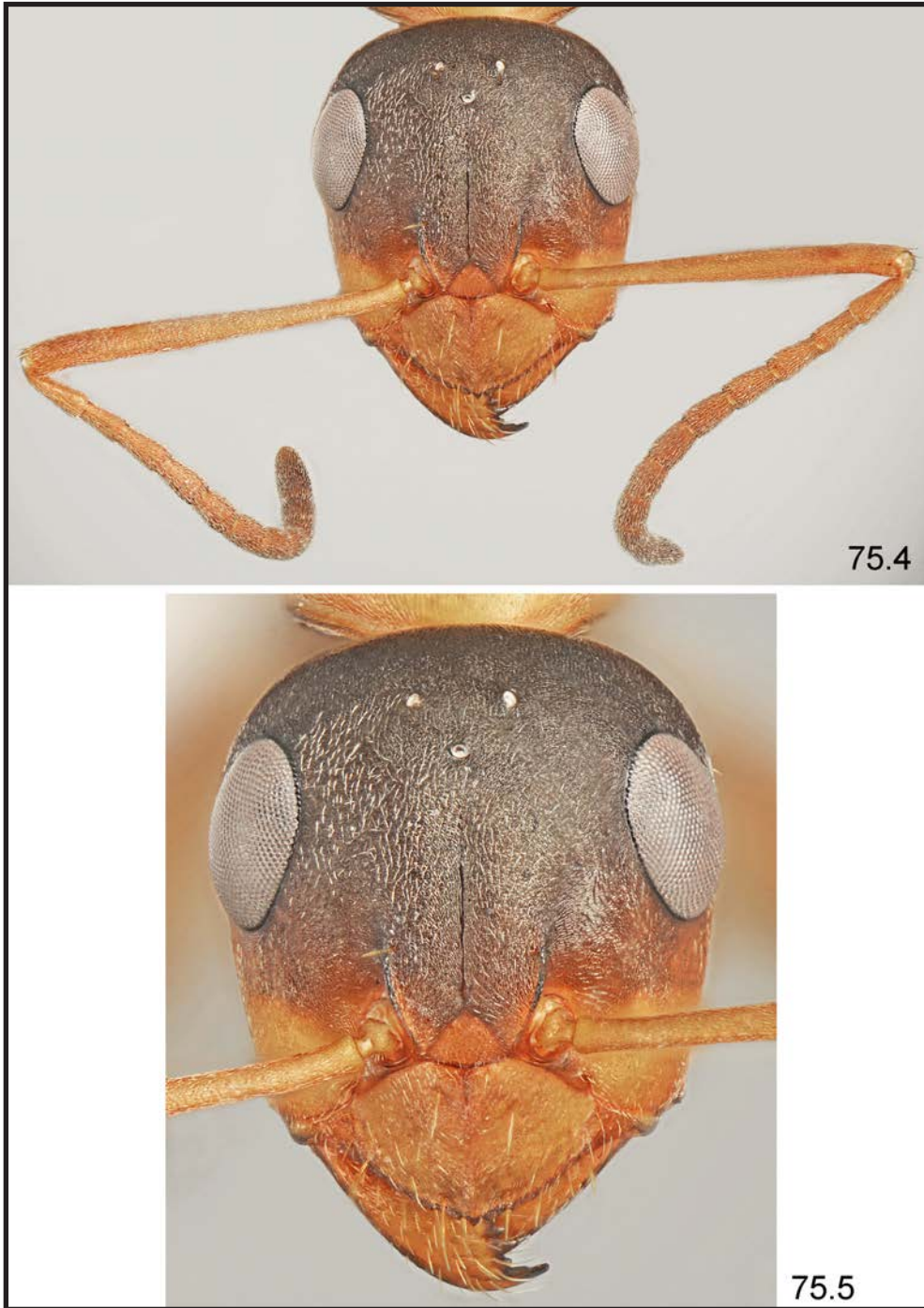


Fig. 75.4-5. *Formica cunicularia* Latreille: 4 – worker, head and antennae, 5 – worker, head (photographed by Lech Borowiec)



Fig. 76.1-2. *Formica fusca* Linnaeus: 1 – worker, dorsal, 2 – typical worker, lateral (photographed by Lech Borowiec)

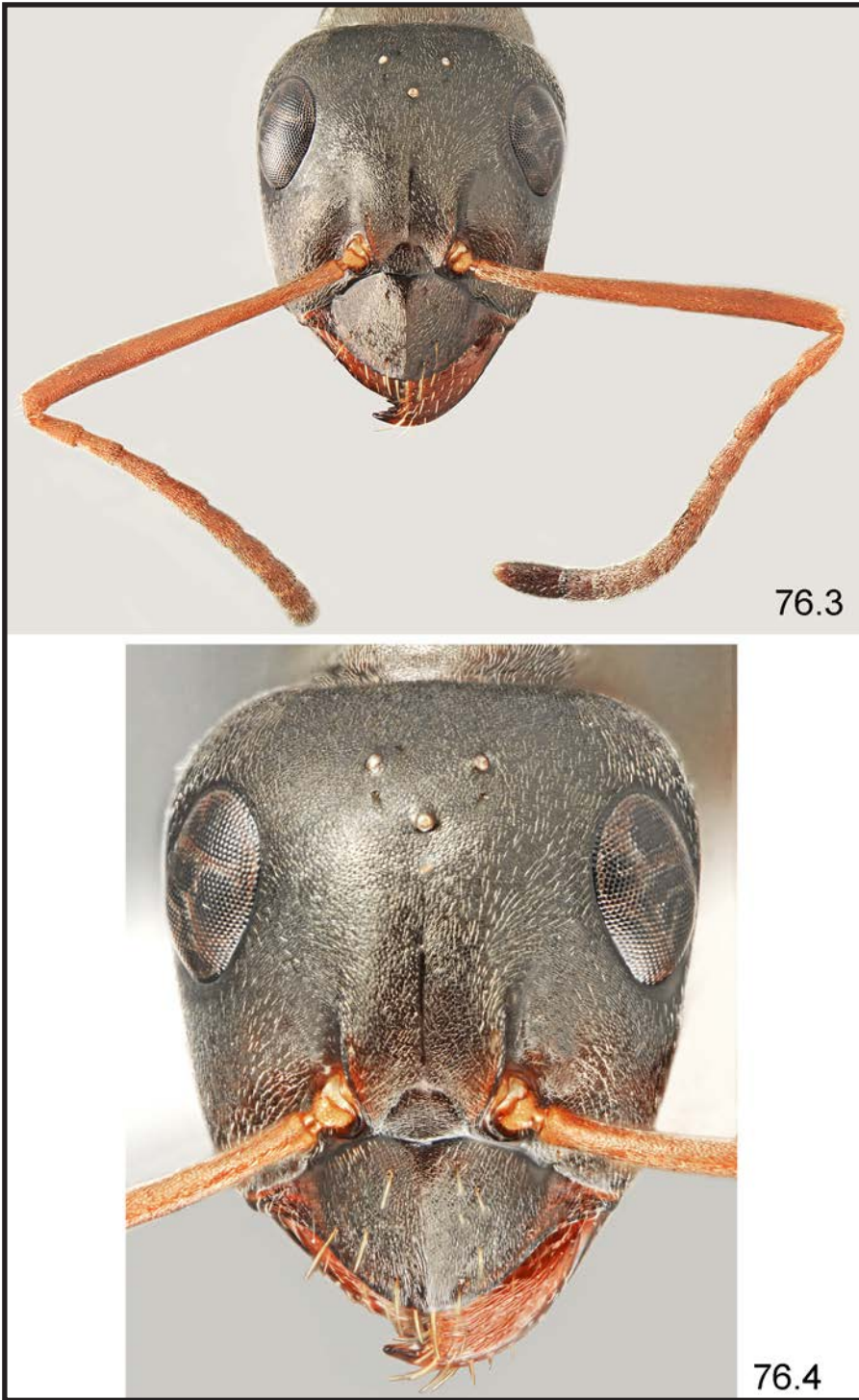


Fig. 76.3-4. *Formica fusca* Linnaeus: 3 – worker, head and antennae, 4 – worker, head (photographed by Lech Borowiec)



Fig. 76.5-6. *Formica fusca* Linnaeus: 5 – pale worker, lateral, 6 – gyne, head (photographed by Lech Borowiec)



Fig. 76.7-8. *Formica fusca* Linnaeus: 7 – gyne, dorsal, 8 – gyne, lateral (photographed by Lech Borowiec)



Fig. 77.1-2. *Formica gagates* Latreille: 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)

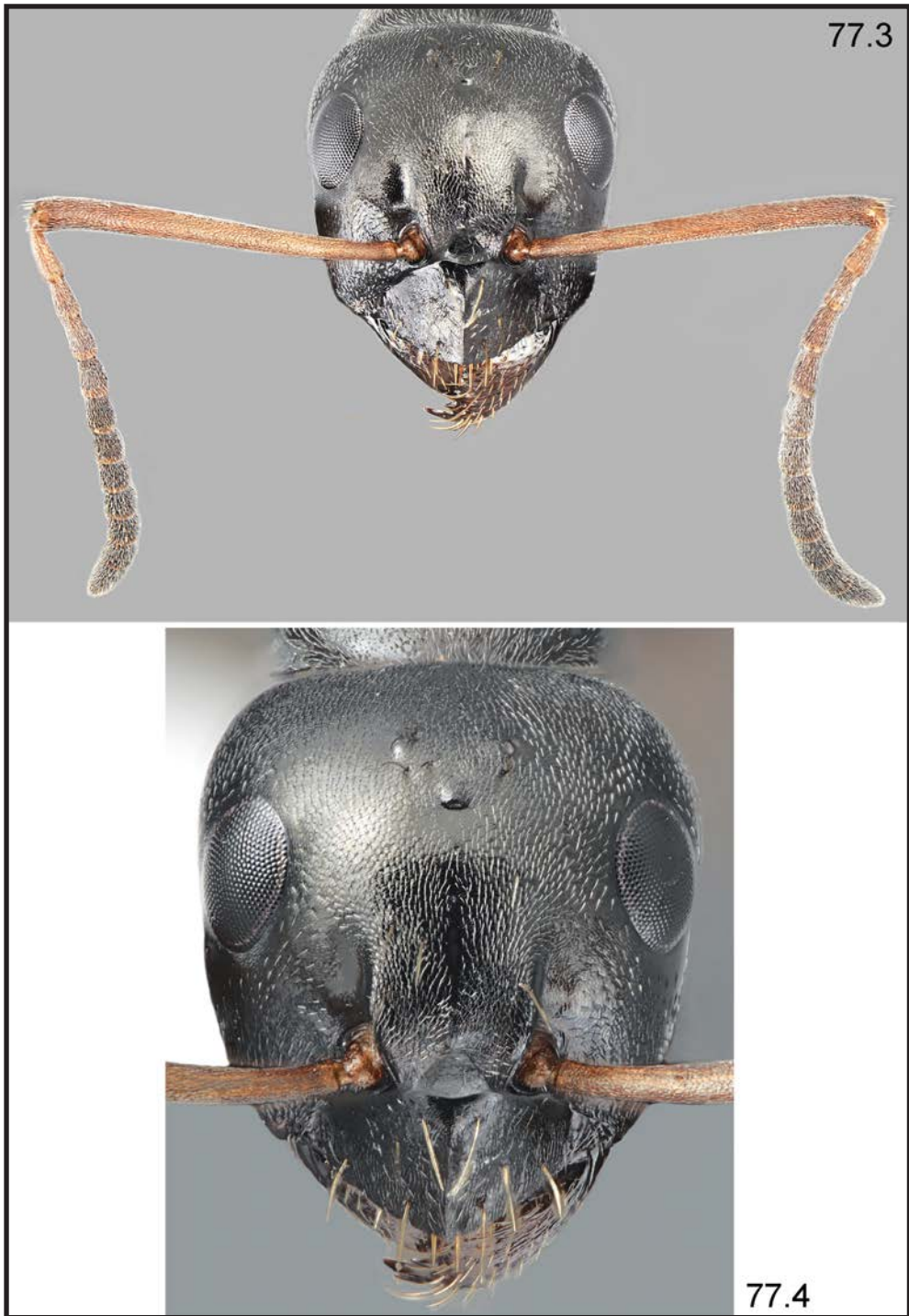


Fig. 77.3-4. *Formica gagates* Latreille: 3 – worker, head and antennae, 4 – worker, head (photographed by Lech Borowiec)



Fig. 78.1-2. *Formica lemani* Bondroit: 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)

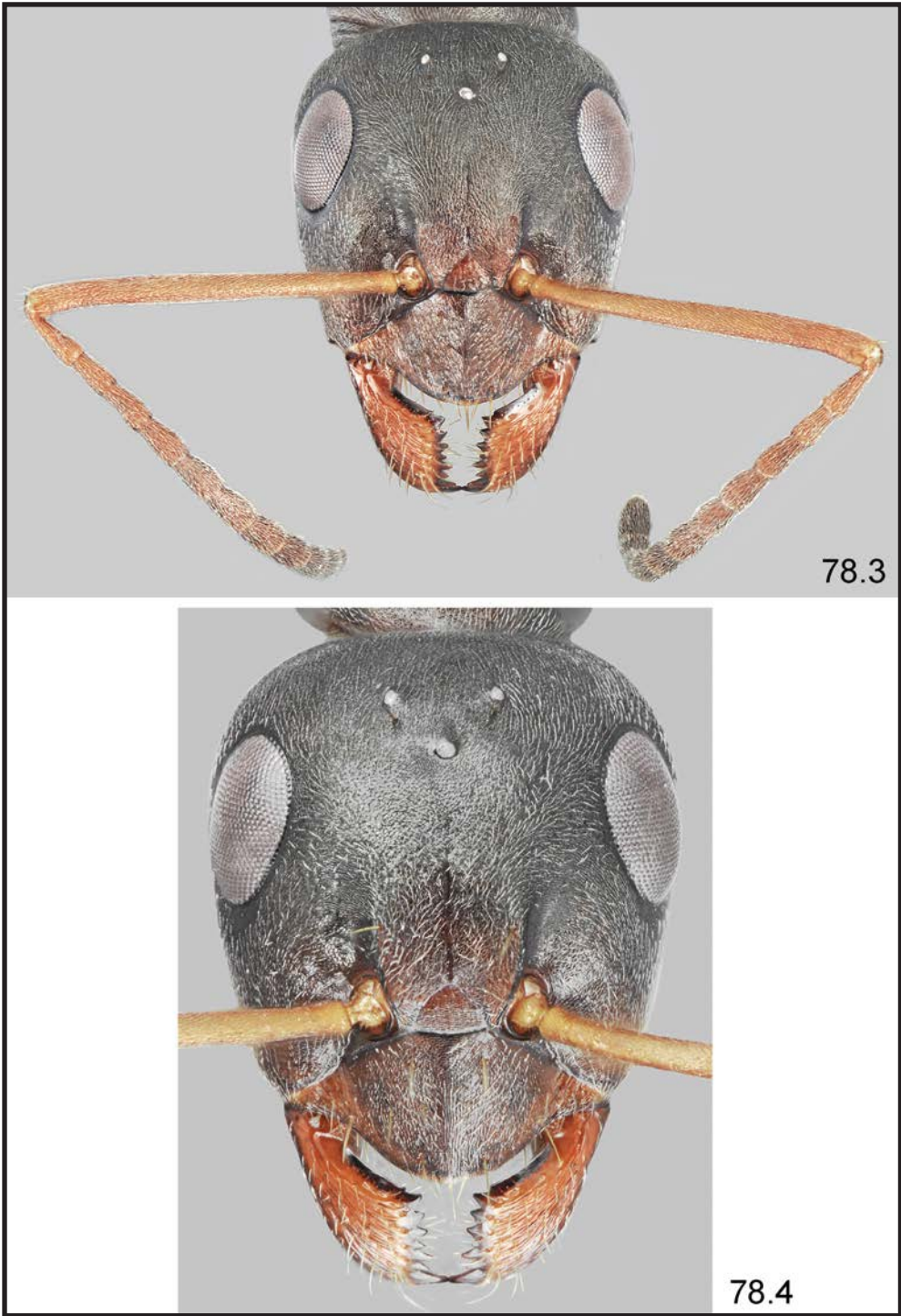


Fig. 78.3-4. *Formica lemani* Bondroit: 3 – worker, head and antennae, 4 – worker, head (photographed by Lech Borowiec)



Fig. 78.5-6. *Formica lemani* Bondroit: 5 – gyne, dorsal, 6 – gyne, lateral (photographed by Lech Borowiec)



Fig. 78.7. *Formica lemani* Bondroit – gyne, head (photographed by Lech Borowiec)



Fig. 79.1-2. *Formica picea* Nylander: 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)



Fig. 79.3-4. *Formica picea* Nylander: 3 – worker, head and antennae, 4 – worker, head (photographed by Lech Borowiec)



Fig. 80.1-2. *Formica rufibarbis* Fabricius: 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)



80.3



80.4

Fig. 80.3-4. *Formica rufibarbis* Fabricius: 3 – worker, head and antennae, 4 – worker, head (photographed by Lech Borowiec)



Fig. 80.5-6. *Formica rufibarbis* Fabricius: 5 – gyne, dorsal, 6 – gyne, lateral (photographed by Lech Borowiec)



Fig. 80.7. *Formica rufibarbis* Fabricius – gyne, head (photographed by Lech Borowiec)



Fig. 81.1-2. *Lasius alienus* Förster: 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)



Fig. 81.3-4. *Lasius alienus* Förster: 3 – worker, head and antennae, 4 – worker, head (photographed by Lech Borowiec)



Fig. 82.1-2. *Lasius bombycina* Seifert & Galkowski: 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)



Fig. 82.3-4. *Lasius bombycina* Seifert & Galkowski: 3 – worker, head and antennae, 4 – worker, head (photographed by Lech Borowiec)



Fig. 83.1-2. *Lasius brunneus* Latreille: 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)

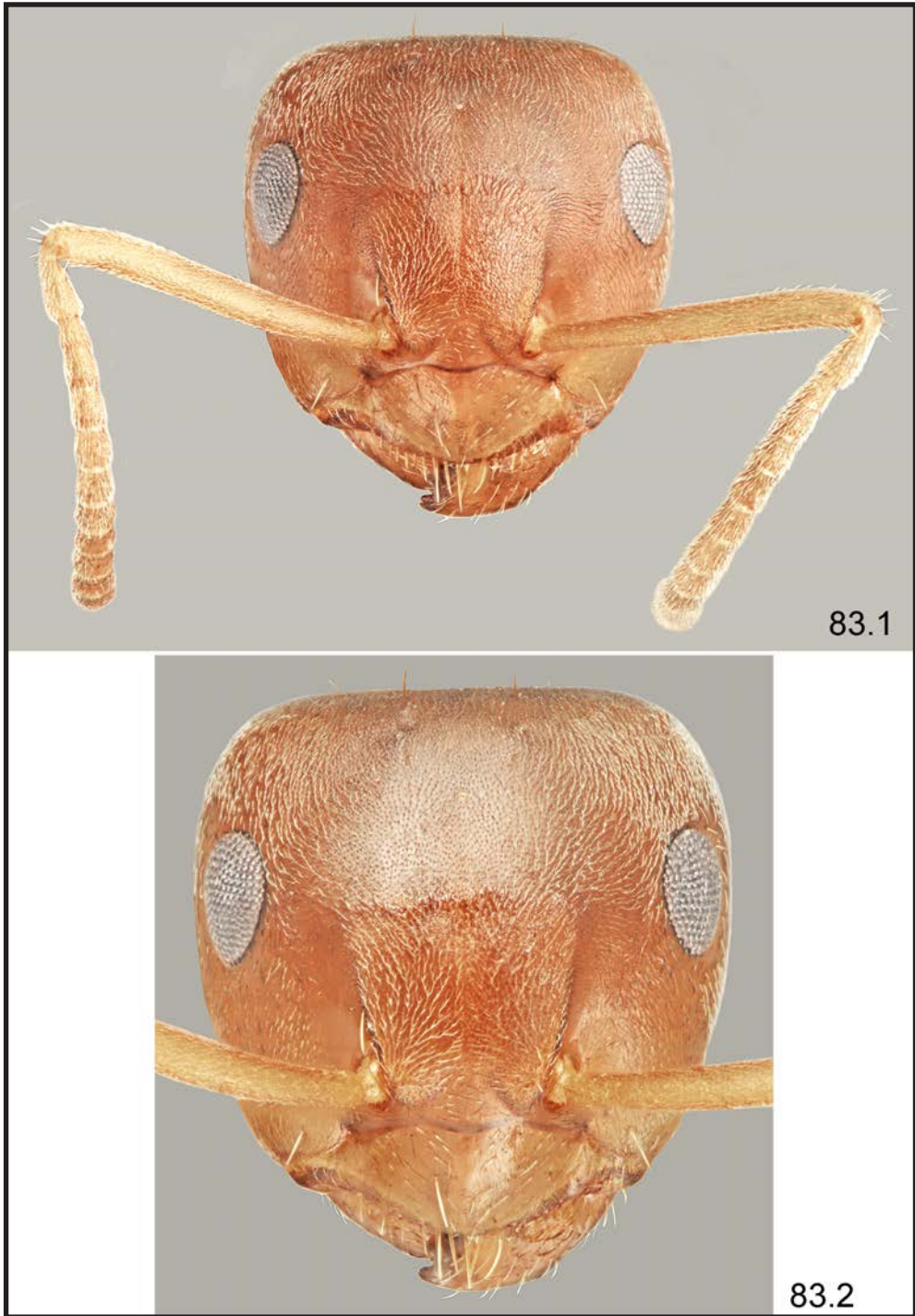


Fig. 83.3-4. *Lasius brunneus* Latreille: 3 – worker, head and antennae, 4 – worker, head (photographed by Lech Borowiec)



Fig. 84.1-2. *Lasius creticus* Seifert: 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)



Fig. 84.3-4. *Lasius creticus* Seifert: 3 – worker, head and antennae, 4 – worker, head (photographed by Lech Borowiec)



Fig. 85.1-2. *Lasius emarginatus* (Olivier): 1 – worker of morphotype 1 dorsal, 2 – worker of morphotype 1 lateral (photographed by Lech Borowiec)

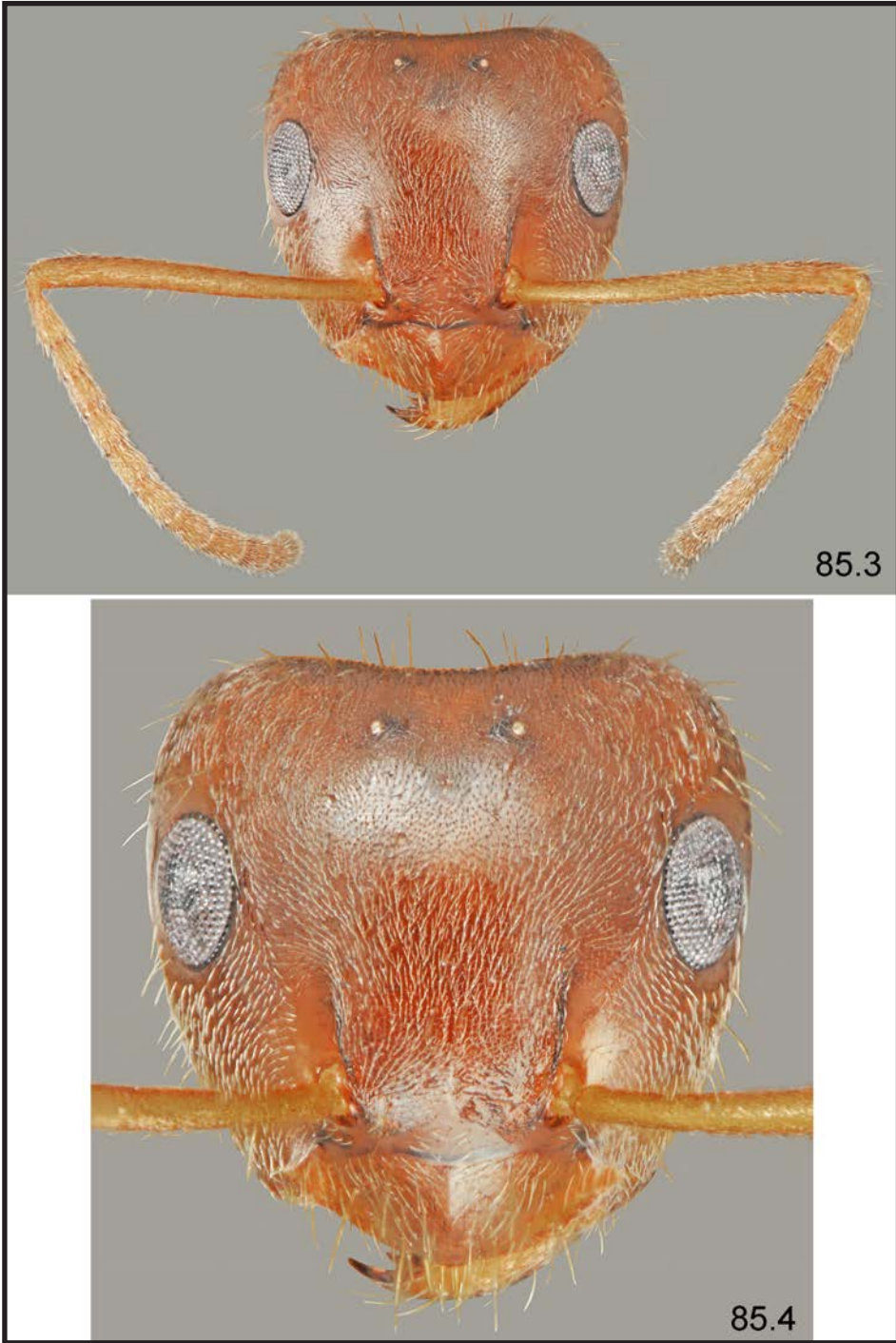


Fig. 85.3-4. *Lasius emarginatus* (Olivier): 3 – worker of morphotype 1, head and antennae, 4 – worker of morphotype 1, head (photographed by Lech Borowiec)



Fig. 85.5-8. *Lasius emarginatus* (Olivier): 5 – worker of morphotype 2 lateral, 6 – dark worker of unique nest from Peloponnese, 7 – scapus in anterior view, 8 – scapus in dorsal view (photographed by Lech Borowiec)



Fig. 86.1-2. *Lasius illyricus* Zimmermann: 1 –worker of morphotype 1 dorsal, 2 –worker of morphotype 1 lateral (photographed by Lech Borowiec)

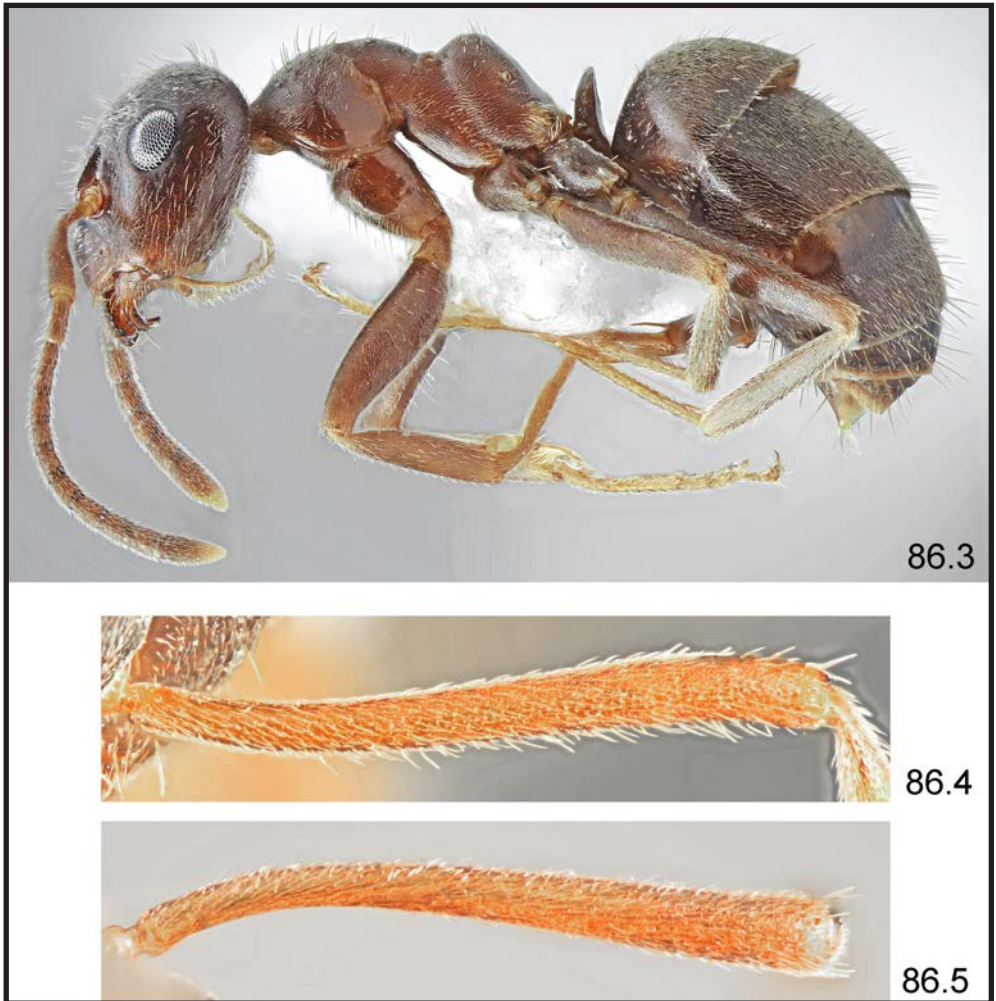


Fig. 86.3-5. *Lasius illyricus* Zimmermann: 3 – worker of morphotype 2 lateral, 4 – scapus in anterior view, 5 – scapus in dorsal view (photographed by Lech Borowiec)



Fig. 86.6-7. *Lasius illyricus* Zimmermann: 6 – worker of morphotype 1 head and antennae, 7 – worker of morphotype 1 head (photographed by Lech Borowiec)



Fig. 87.1-2. *Lasius karpinisi* Seifert: 1 – worker, dorsal, 2 – worker, lateral (photographed by Christiana Klingerberg, from www.antweb.org)



Fig. 87.3. *Lasius karpinisi* Seifert – worker, head and antennae (photographed by Christiana Klingerberg, from www.antweb.org)



Fig. 88.1-2. *Lasius kritikos* Seifert: 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)

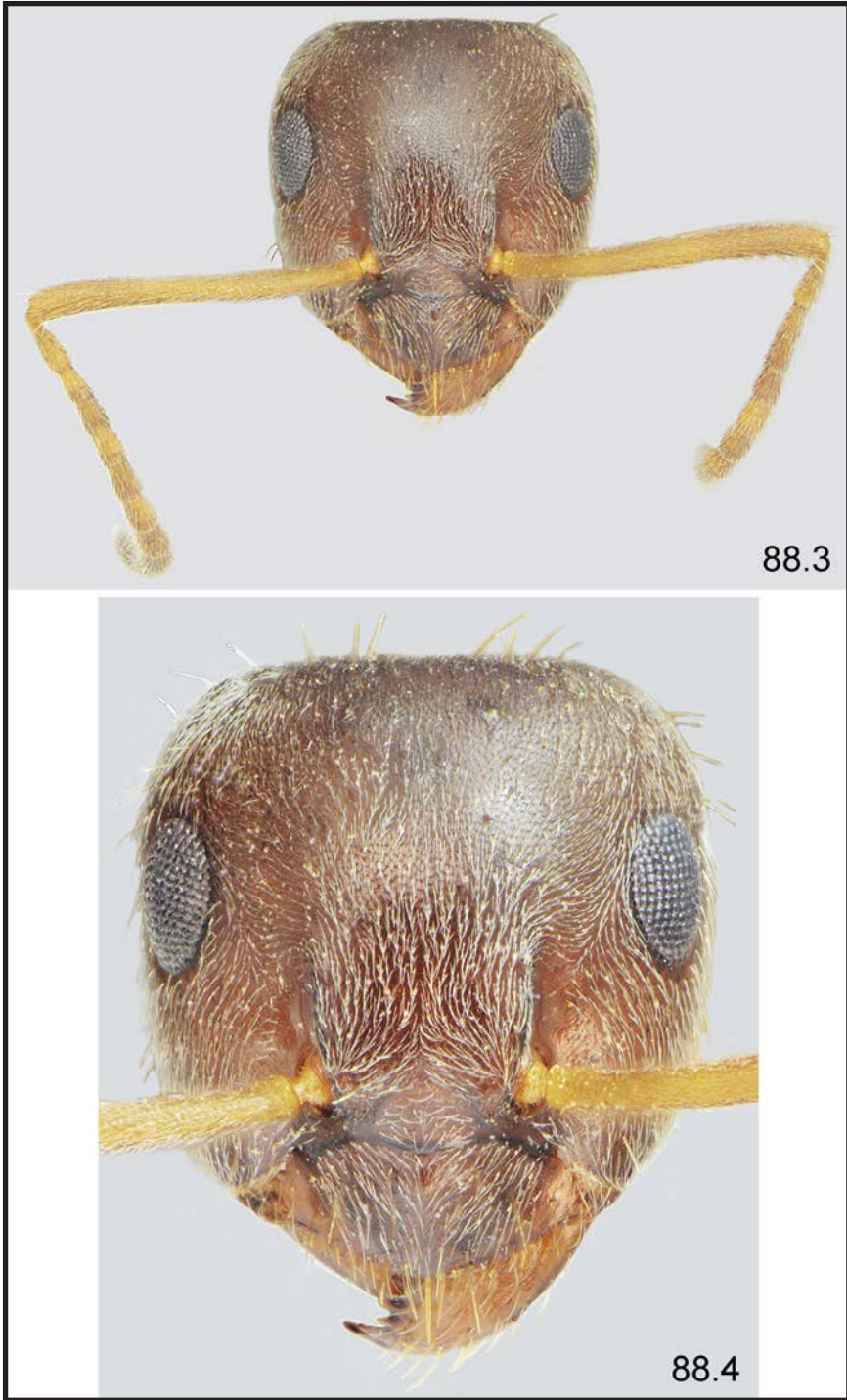


Fig. 88.3-4. *Lasius kritikos* Seifert: 3 – worker, dorsal, 4 – worker, lateral (photographed by Lech Borowiec)



Fig. 89.1-2. *Lasius lasioides* Emery: 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)



Fig. 89.3-4. *Lasius lasioides* Emery: 3 – worker, head and antennae, 4 – worker, head (photographed by Lech Borowiec)



Fig. 90.1-2. *Lasius niger* (Linnaeus): 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)



Fig. 90.3-4. *Lasius niger* (Linnaeus): 3 – worker, head and antennae, 4 – worker, head (photographed by Lech Borowiec)



Fig. 91.1-2. *Lasius paralienus* Seifert: 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)



Fig. 91.3-4. *Lasius paralienus* Seifert: 3 – worker, head and antennae, 4 – worker, head (photographed by Lech Borowiec)



Fig. 92.1-2. *Lasius platythorax* Seifert: 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)



92.3



92.4

Fig. 92.3-4. *Lasius platythorax* Seifert: 3 – worker, head and antennae, 4 – worker, head (photographed by Lech Borowiec)



Fig. 93.1-2. *Lasius psammophilus* Seifert: 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)



Fig. 93.3-4. *Lasius psammophilus* Seifert: 3 – worker, head and antennae, 4 – worker, head (photographed by Lech Borowiec)



Fig. 94.1-2. *Lasius tapinomoides* Salata & Borowiec: 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)



Fig. 94.3-4. *Lasius tapinomoides* Salata & Borowiec: 3 – worker, head and antennae, 4 – worker, head



Fig. 94.5-6. *Lasius tapinomoides* Salata & Borowiec: 5 – gyne, dorsal, 6 – gyne, lateral



Fig. 94.7. *Lasius tapinomoides* Salata & Borowiec – gyne, head



Fig. 95.1-2. *Lasius neglectus* Van Loon, Boomsma & Andrasfalvy: 1 – worker, dorsal, 2 – worker, lateral



Fig. 95.3-4. *Lasius neglectus* Van Loon, Boomsma & Andrasfalvy: 3 – worker, head and antennae, 4 – worker, head



Fig. 95.5-6. *Lasius turcicus* Santschi: 5 – worker, dorsal, 6 – worker, lateral (photographed by Lech Borowiec)



Fig. 95.7-8. *Lasius turcicus* Santschi: 7 – worker, head and antennae, 8 – worker, head (photographed by Lech Borowiec)



Fig. 96.1-2. *Lasius carnolicus* Mayr: 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)



Fig. 96.3-4. *Lasius carnolicus* Mayr: 3 – worker, head and antennae, 4 – gyne, head and antennae (photographed by Lech Borowiec)



Fig. 96.5-6. *Lasius carnolicus* Mayr: 5 – gyne, dorsal, 6 – gyne, lateral (photographed by Lech Borowiec)



Fig. 96.7. *Lasius carnolicus* Mayr: male, lateral (photographed by Lech Borowiec)



Fig. 97.1-2. *Lasius reginae* Faber: 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)



Fig. 97.3-4. *Lasius reginae* Faber: 3 – worker, head and antennae, 4 – worker, head (photographed by Lech Borowiec)



Fig. 98.1-2. *Lasius flavus* (Fabricius): 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)

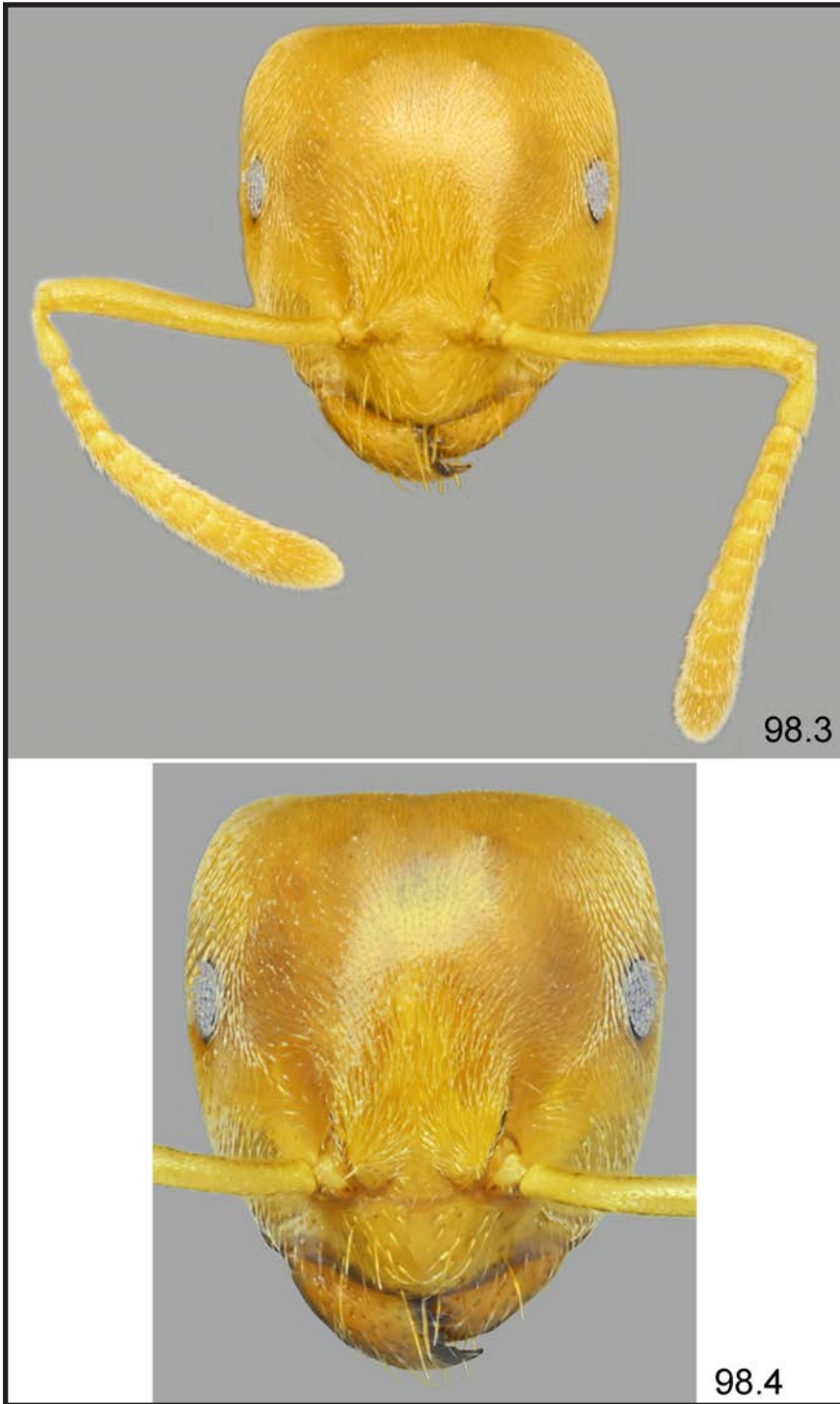


Fig. 98.3-4. *Lasius flavus* (Fabricius): 3 – worker, head and antennae, 4 – worker, head (photographed by Lech Borowiec)



Fig. 98.5-6. *Lasius flavus* (Fabricius): 5 – gyne, dorsal, 6 – gyne, lateral (photographed by Lech Borowiec)



Fig. 99.1-2. *Lasius myops* Forel: 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)



Fig. 99.3-4. *Lasius myops* Forel: 3 – worker, head and antennae, 4 – worker, head (photographed by Lech Borowiec)

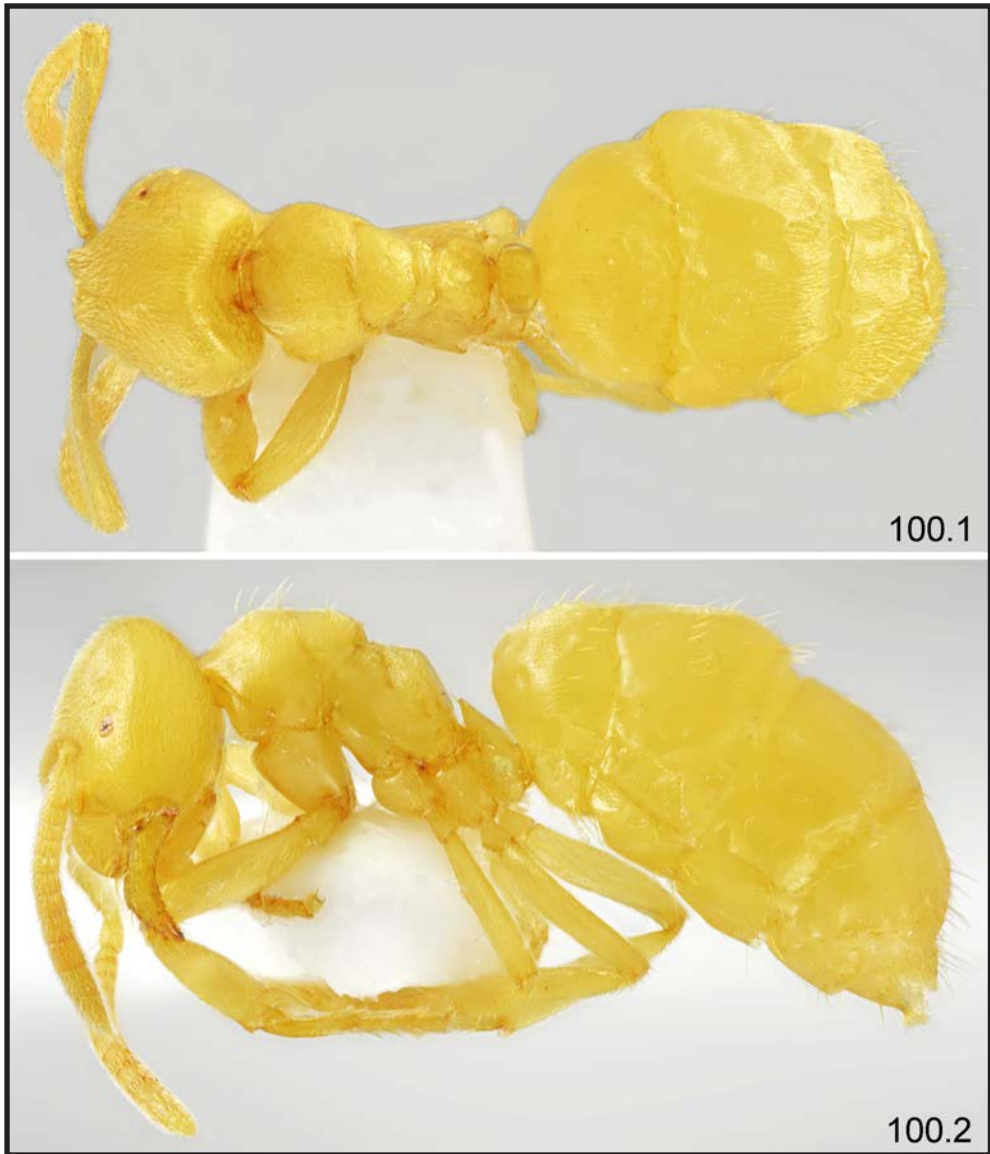


Fig. 100.1-2. *Metalasius myrmidon* Mei: 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)

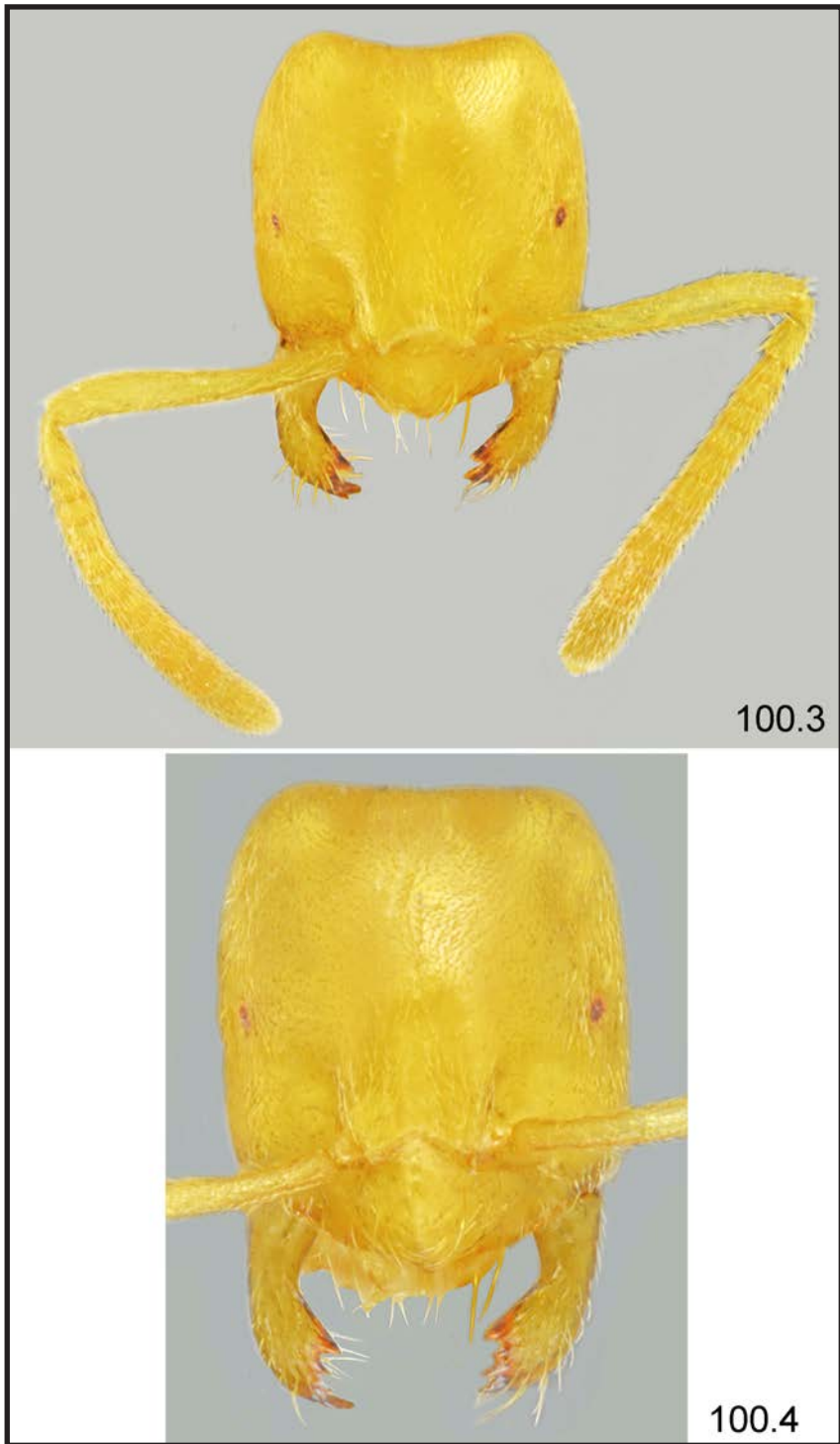


Fig. 100.3-4. *Metalasius myrmidon* Mei: 3 – worker, head and antennae, 4 – worker, head (photographed by Lech Borowiec)

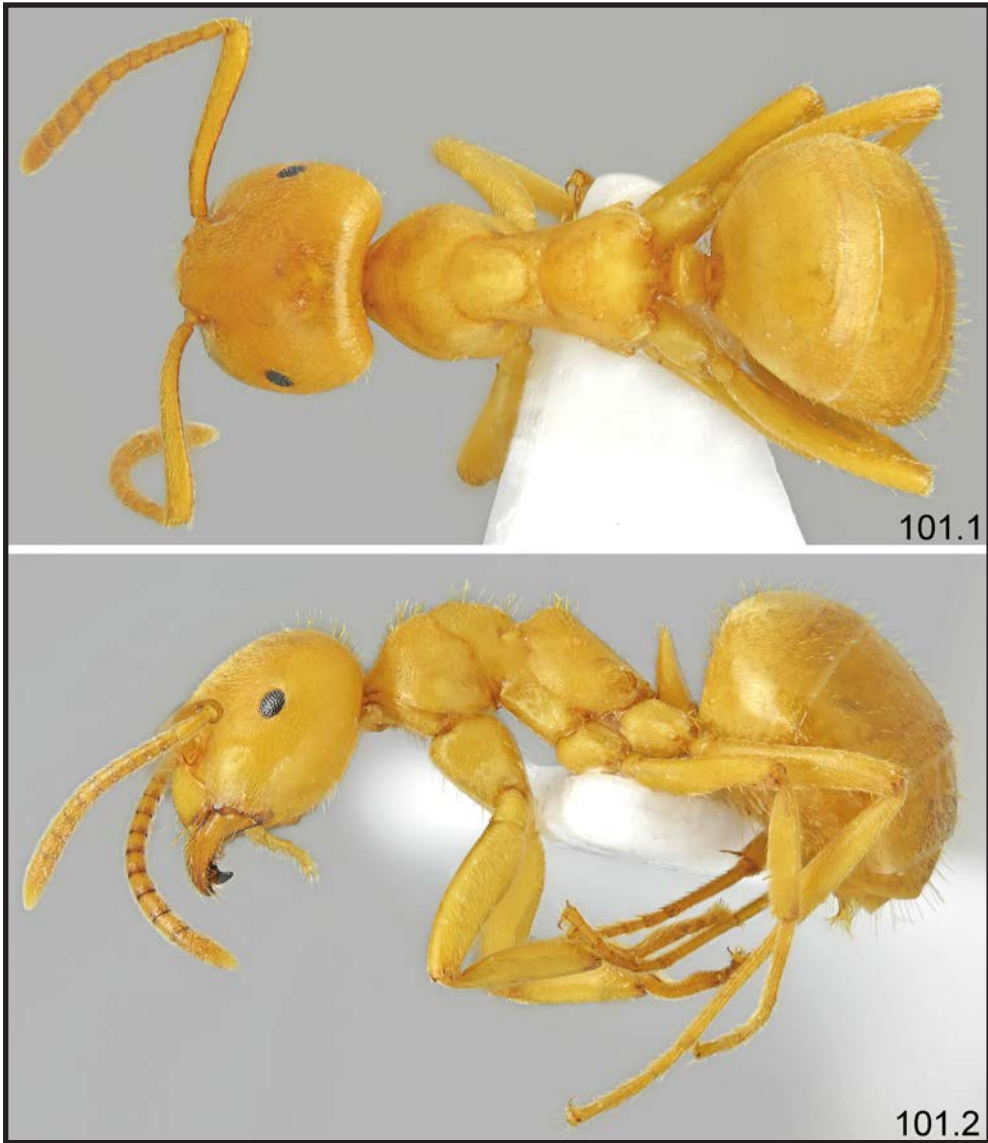


Fig. 101.1-2. *Lasius balcanicus/distinguendus*: 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)

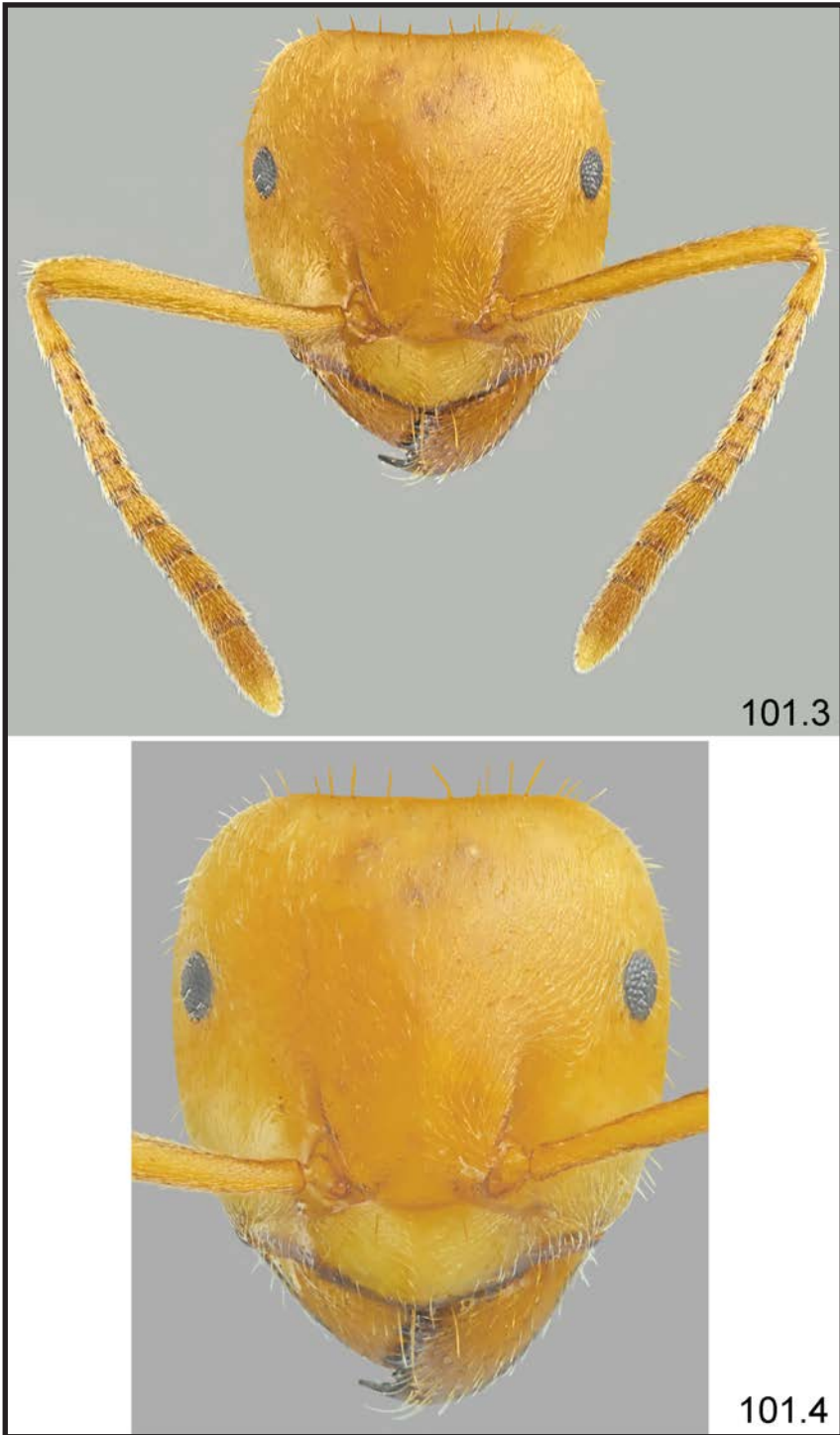


Fig.101.3-4. *Lasius balcanicus/distinguendus*: 3 – worker, head and antennae, 4 – worker, head (photographed by Lech Borowiec)



Fig.101.5-6. *Lasius distinguendus* (Emery): 5 – gyne, dorsal, 6 – gyne, lateral (photographed by April Nobile, from www.antweb.org)

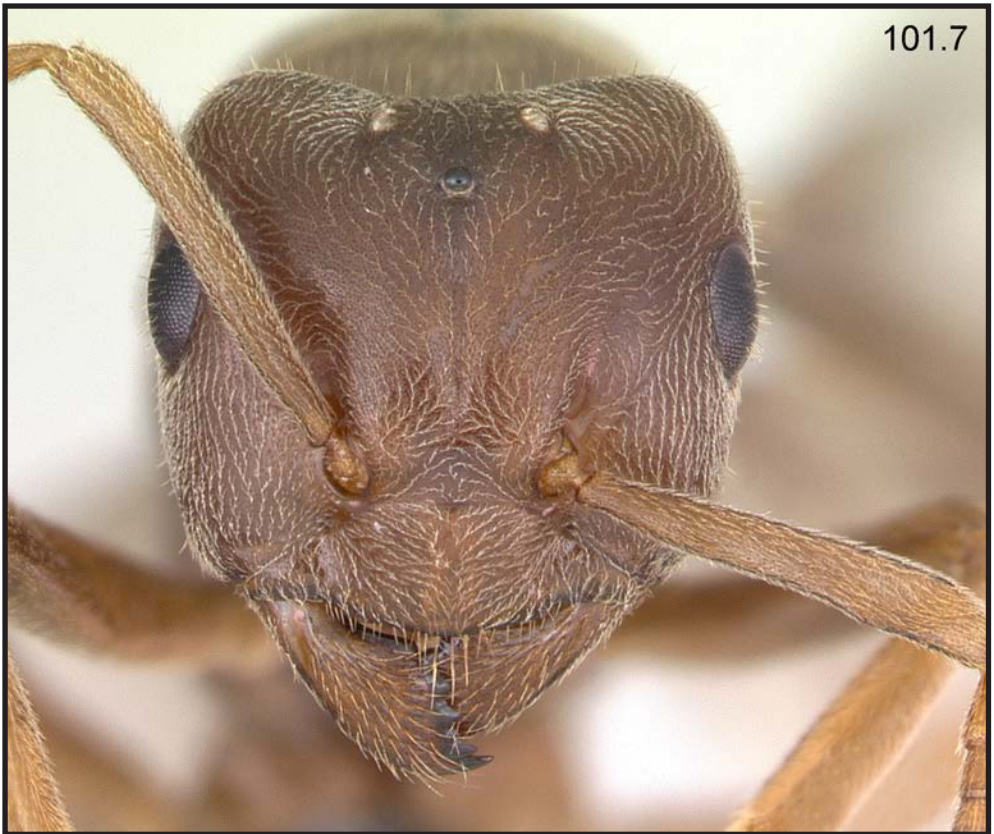


Fig.101.7. *Lasius distinguendus* (Emery): gyne, head (photographed by April Nobile, from www.antweb.org)

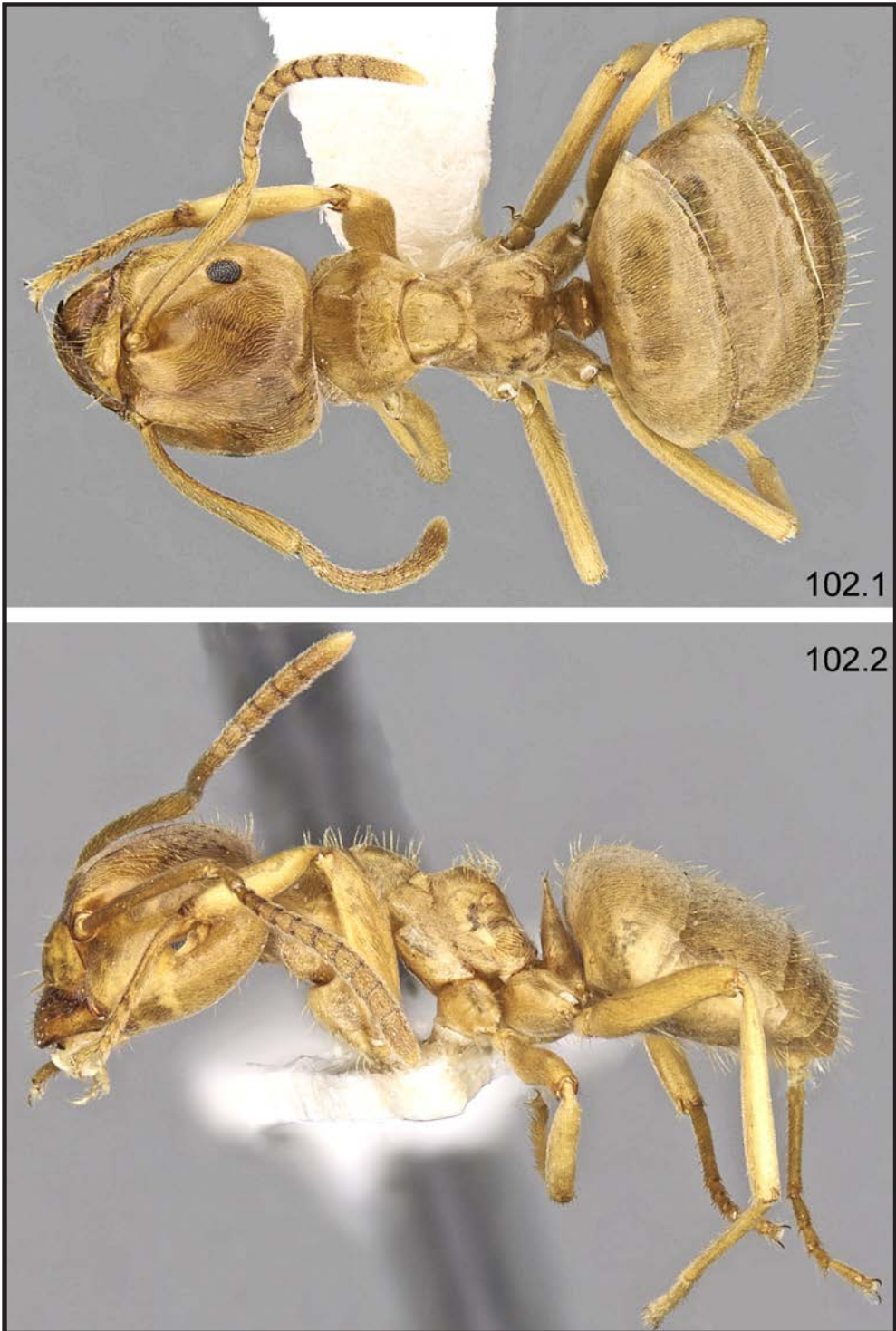


Fig. 102.1-2. *Lasius bicornis* Förster: 1 – worker, dorsal, 2 – worker, lateral (photographed by Shannon Hartman, from www.antweb.org)



Fig. 102.3. *Lasius bicornis* Förster – worker, head (photographed by Shannon Hartman, from www.antweb.org)



Fig. 103.1-2. *Lasius citrinus* Emery: 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)

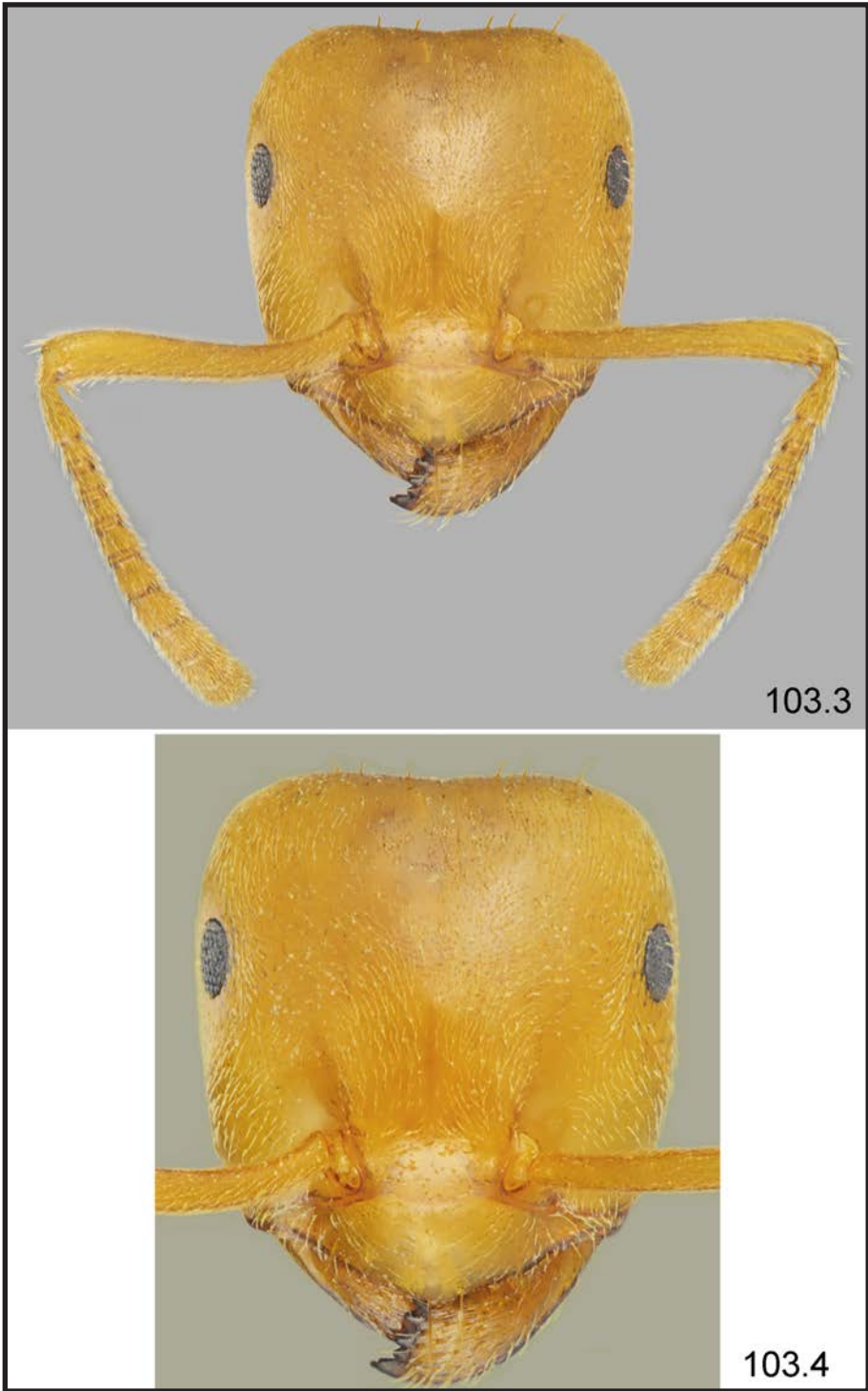


Fig. 103.3-4. *Lasius citrinus* Emery: 3 – worker, head and antennae, 4 – worker, head (photographed by Lech Borowiec)



Fig. 104.1-2. *Lasius jensi* Seifert: 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)

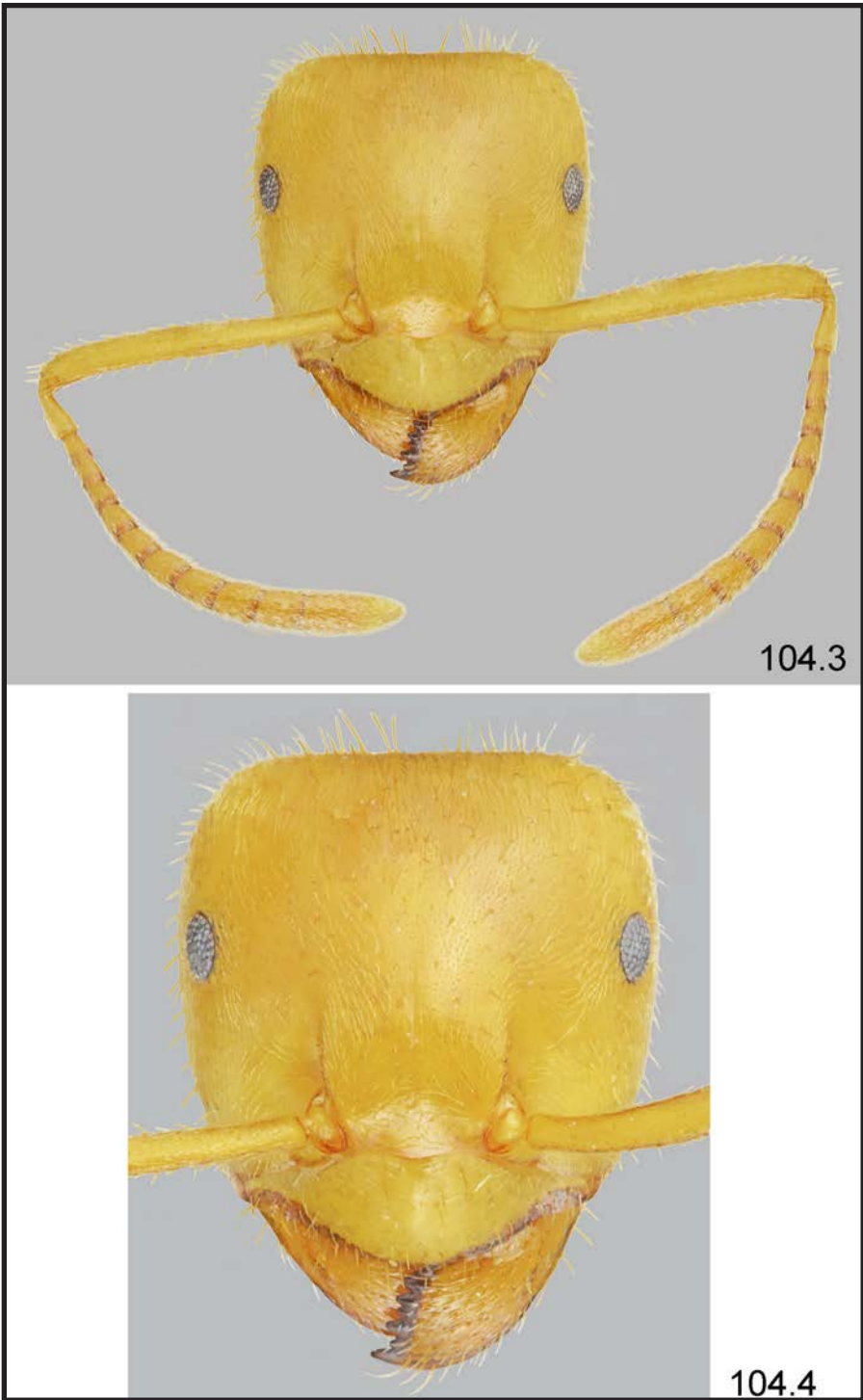


Fig. 104.3-4. *Lasius jensi* Seifert: 3 – worker, head and antennae, 4 – worker, head (photographed by Lech Borowiec)



Fig.104.5-6. *Lasius jensi* Seifert: 5 – gyne, dorsal, 6 – gyne, lateral (photographed by April Nobile, from www.antweb.org)



Fig.104.7. *Lasius jensi* Seifert: gyne, head (photographed by April Nobile, from www.ant-web.org)



Fig. 105.1-2. *Lasius meridionalis* (Bondroit): 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)

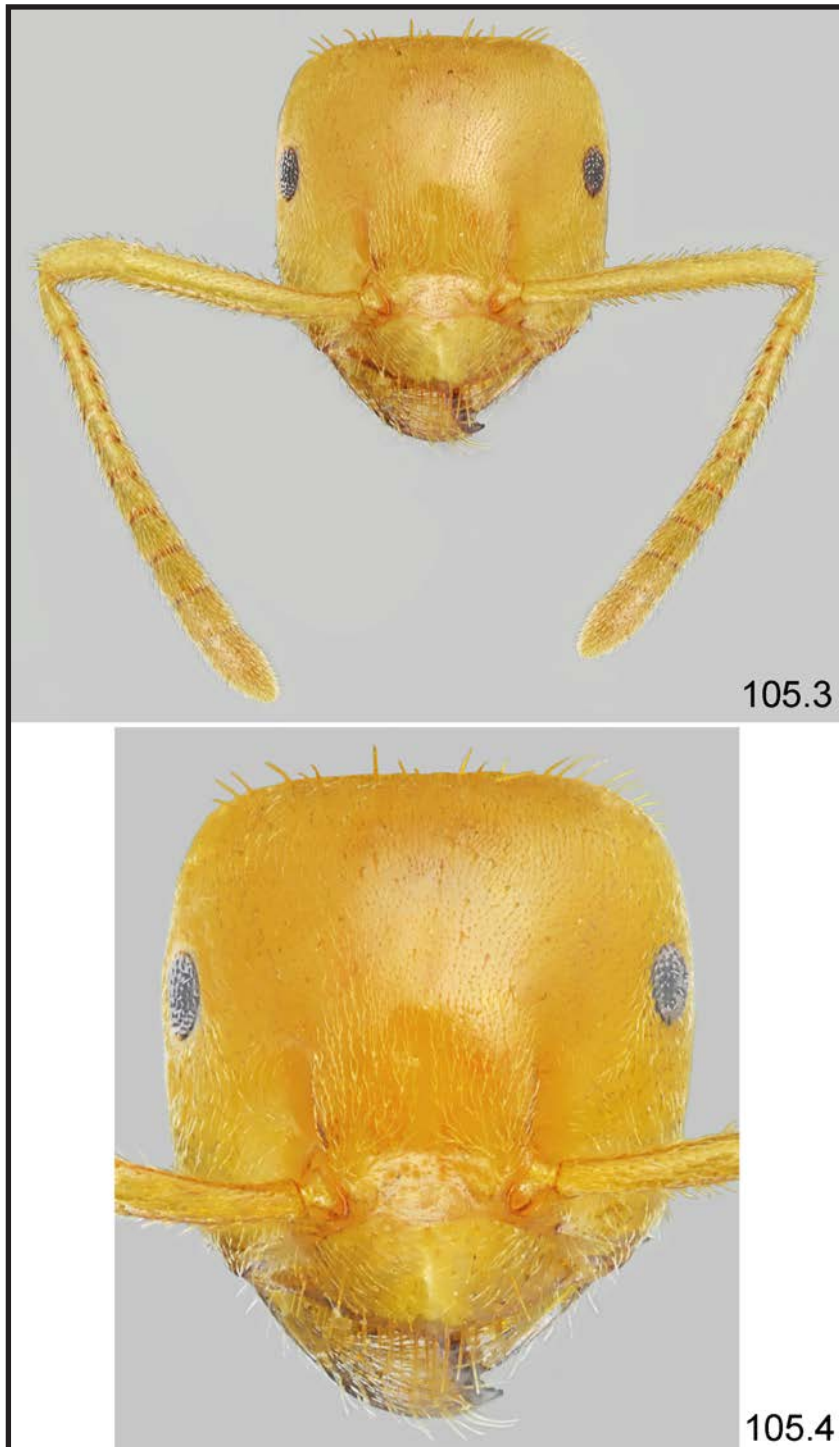


Fig. 105.3-4. *Lasius meridionalis* (Bondroit): 3 – worker, head and antennae, 4 – worker, head (photographed by Lech Borowiec)



Fig.105.5-6. *Lasius meridionalis* (Bondroit): 5 – gyne, dorsal, 6 – gyne, lateral (photographed by April Nobile, from www.antweb.org)



Fig.105.7. *Lasius meridionalis* (Bondroit): gyne, head (photographed by April Nobile, from www.antweb.org)



Fig. 106.1-2. *Lasius mixtus* (Nylander): 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)



Fig. 106.3-4. *Lasius mixtus* (Nylander): 3 – worker, head and antennae, 4 – worker, head (photographed by Lech Borowiec)

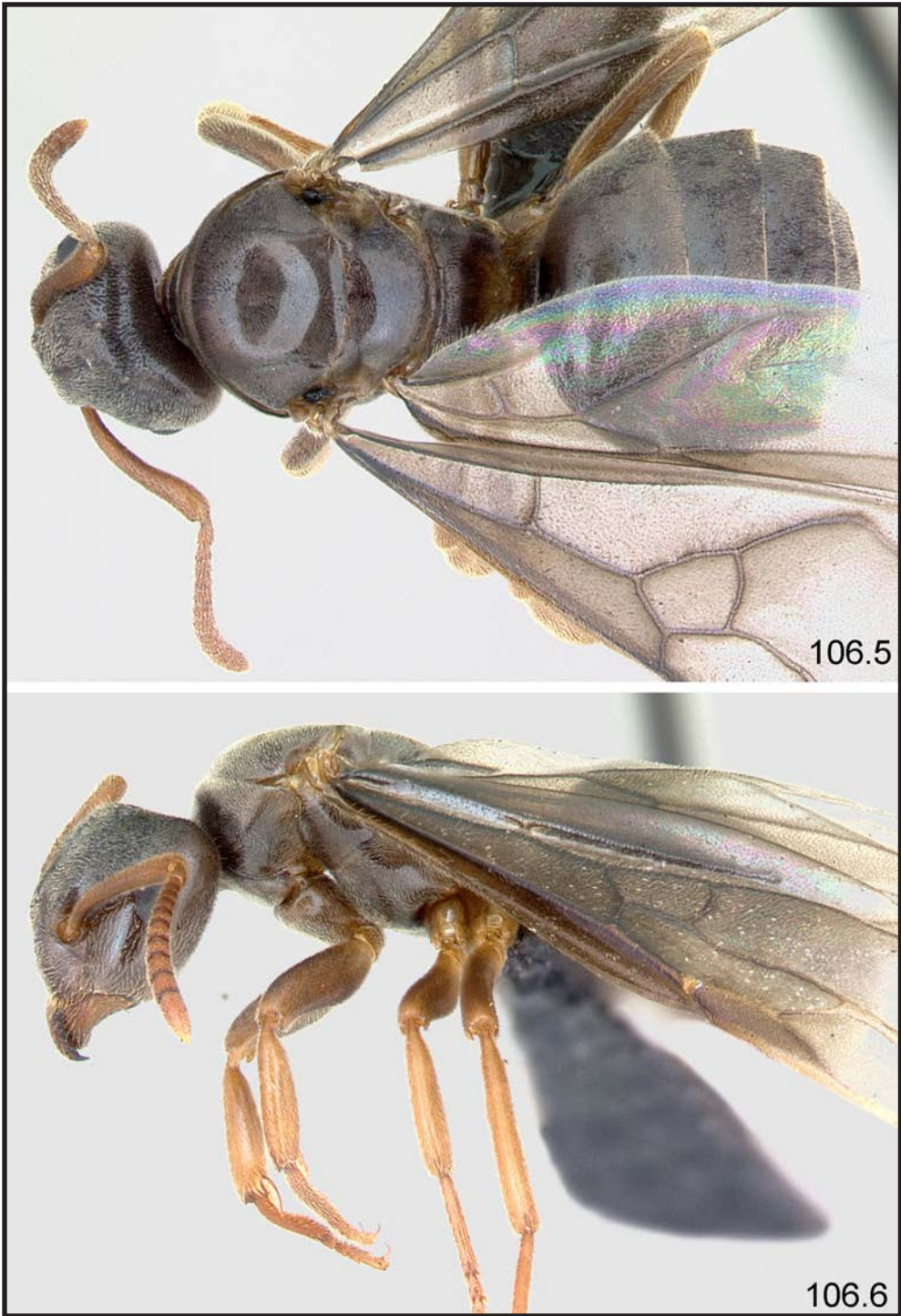


Fig.106.5-6. *Lasius mixtus* (Nylander): 5 – gyne, dorsal, 6 – gyne, lateral (photographed by April Nobile, from www.antweb.org)



Fig.106.7. *Lasius mixtus* (Nylander): gyne, head (photographed by April Nobile, from www.antweb.org)

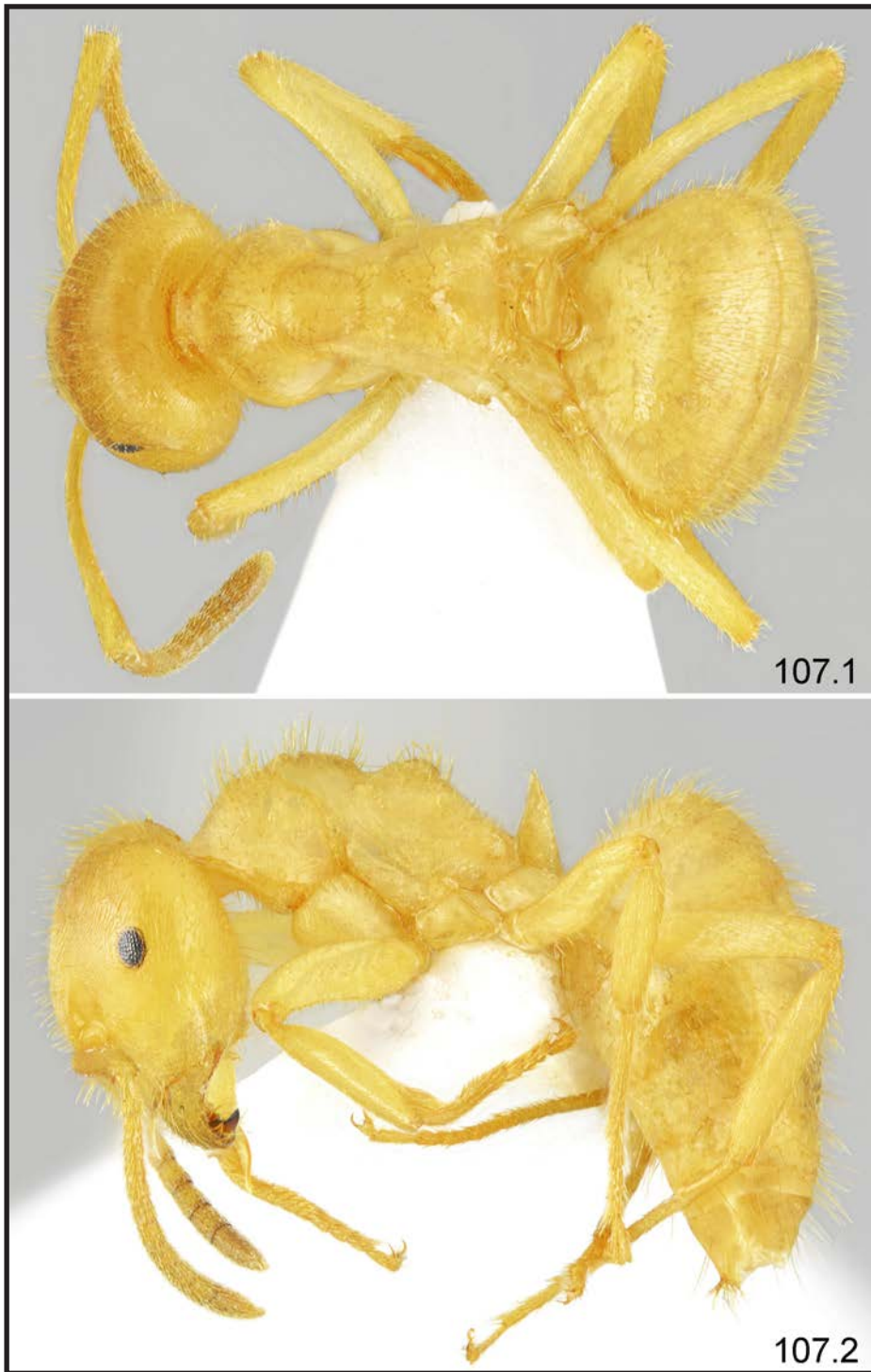


Fig. 107.1-2. *Lasius nitidigaster* Seifert: 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)

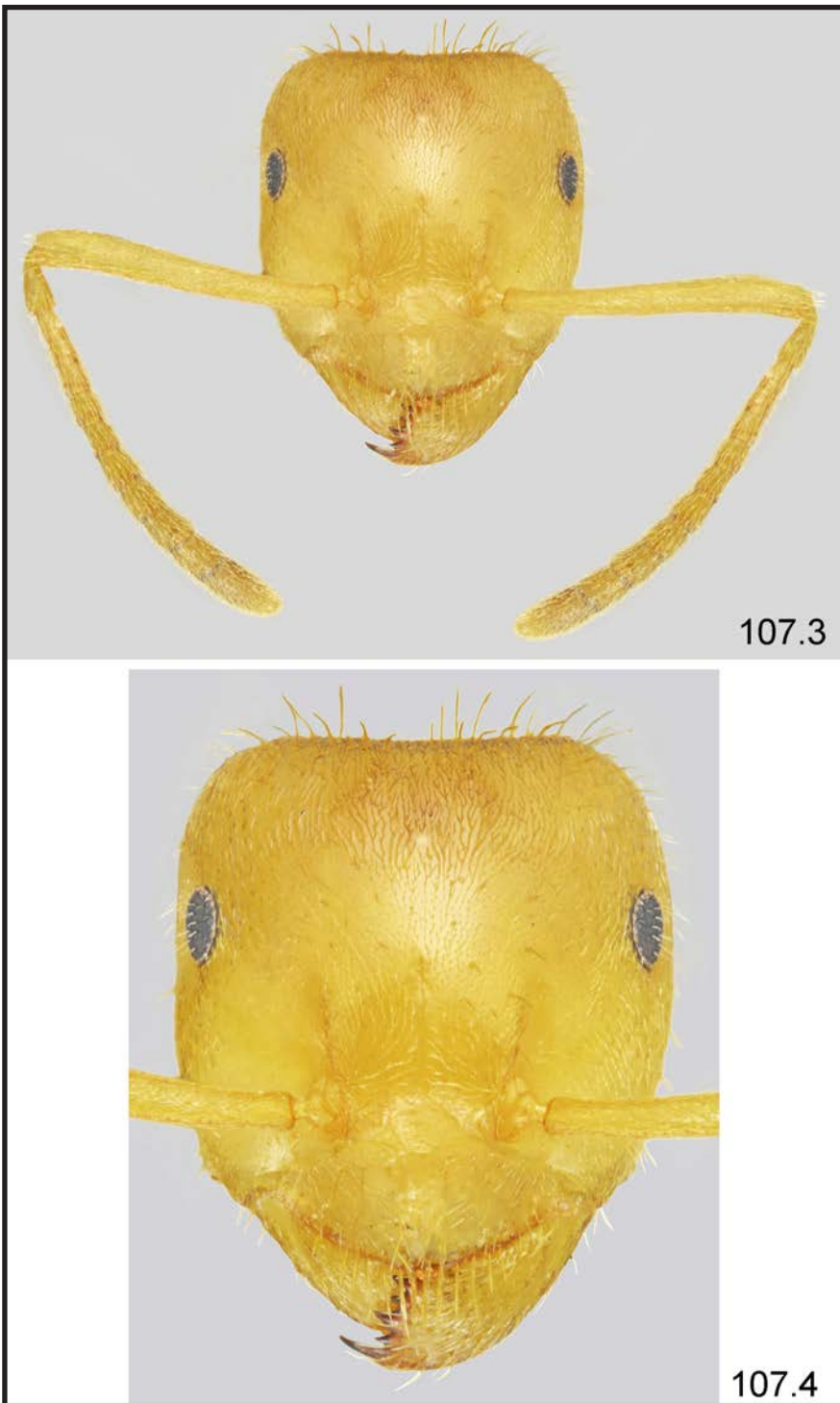


Fig. 107.3-4. *Lasius nitidigaster* Seifert: 3 – worker, head and antennae, 4 – worker, head (photographed by Lech Borowiec)



Fig. 108.1-2. *Lasius sabularum* (Bondroit): 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)

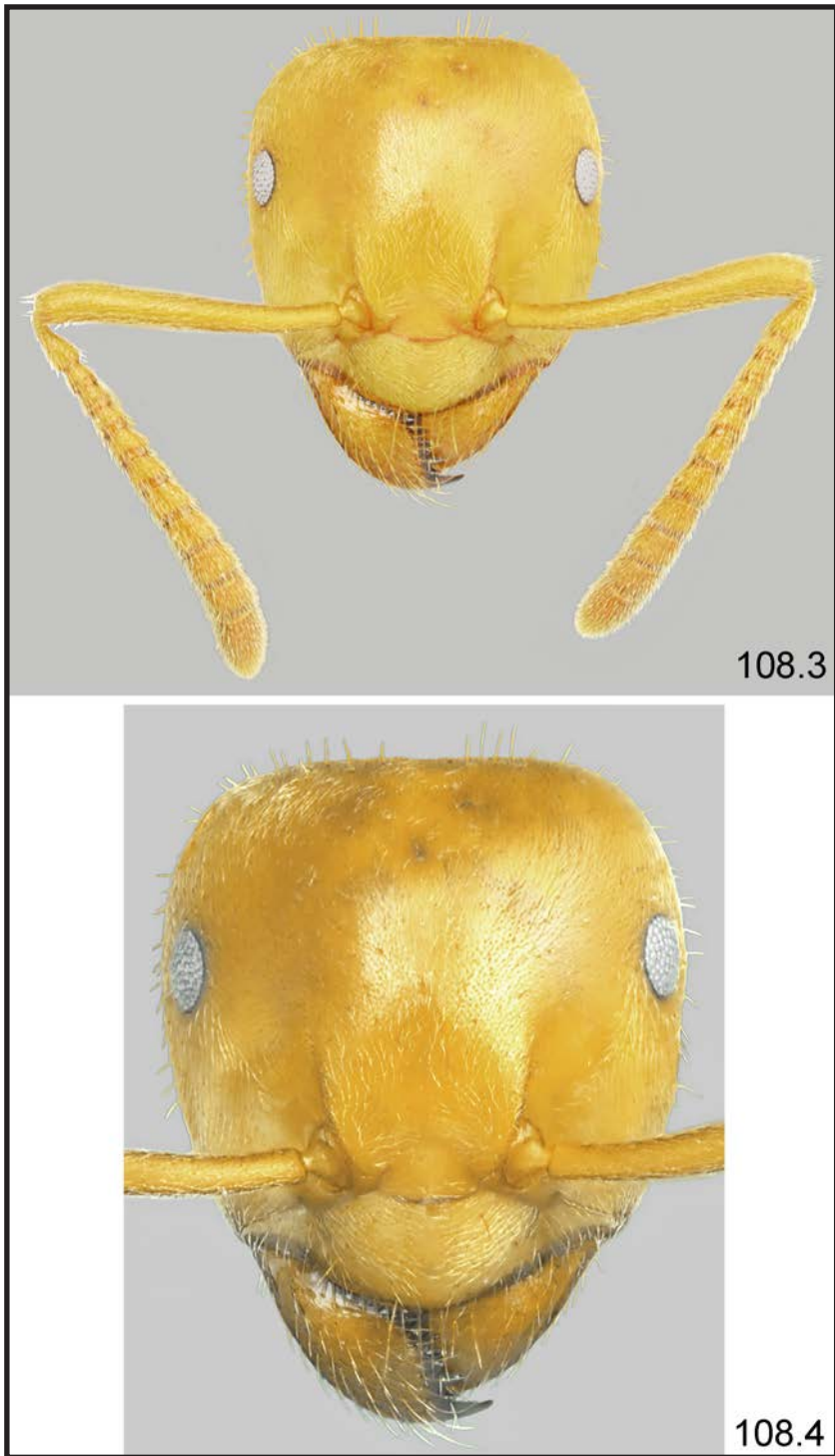


Fig. 108.3-4. *Lasius sabularum* (Bondroit): 3 – worker, head and antennae, 4 – worker, head (photographed by Lech Borowiec)



Fig.108.5-6. *Lasius sabularum* (Bondroit): 5 – gyne, dorsal, 6 – gyne, lateral (photographed by April Nobile, from www.antweb.org)



Fig.108.7. *Lasius sabularum* (Bondroit): gyne, head (photographed by April Nobile, from www.antweb.org)



Fig. 109.1-2. *Lasius umbratus* (Nylander): 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)

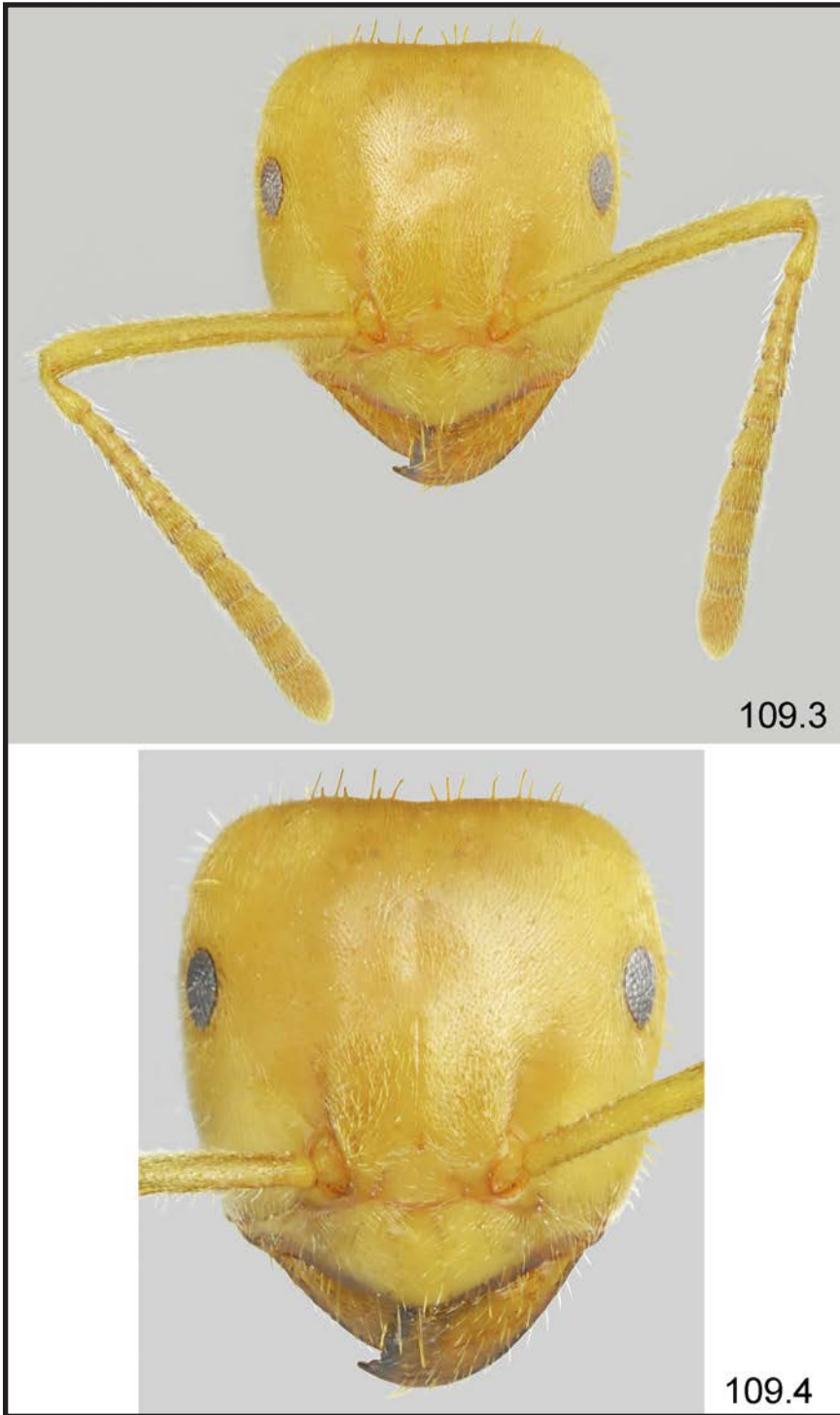


Fig. 109.3-4. *Lasius umbratus* (Nylander): 3 – worker, head and antennae, 4 – worker, head (photographed by Lech Borowiec)



Fig. 110.1-2. *Lasius viehmeyeri* Emery: 1 – worker, dorsal, 2 – worker, lateral (photographed by Zach Lieberman, from www.antweb.org)



Fig. 110.3-4. *Lasius viehmeyeri* Emery: 3 – gyne, dorsal, 4 – gyne, lateral (photographed by Zach Lieberman, from www.antweb.org)



Fig. 110.5. *Lasius viehmeyeri* Emery – gyne, head (photographed by Zach Lieberman, from www.antweb.org)



Fig. 111.1-2. *Lasius fuliginosus* (Latreille): 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)



111.3



111.4

Fig. 111.3-4. *Lasius fuliginosus* (Latreille): 3 – worker, head and antennae, 4 – worker, head (photographed by Lech Borowiec)



Fig. 111.5-6. *Lasius fuliginosus* (Latreille): 5 – gyne, dorsal, 6 – gyne, lateral (photographed by Lech Borowiec)

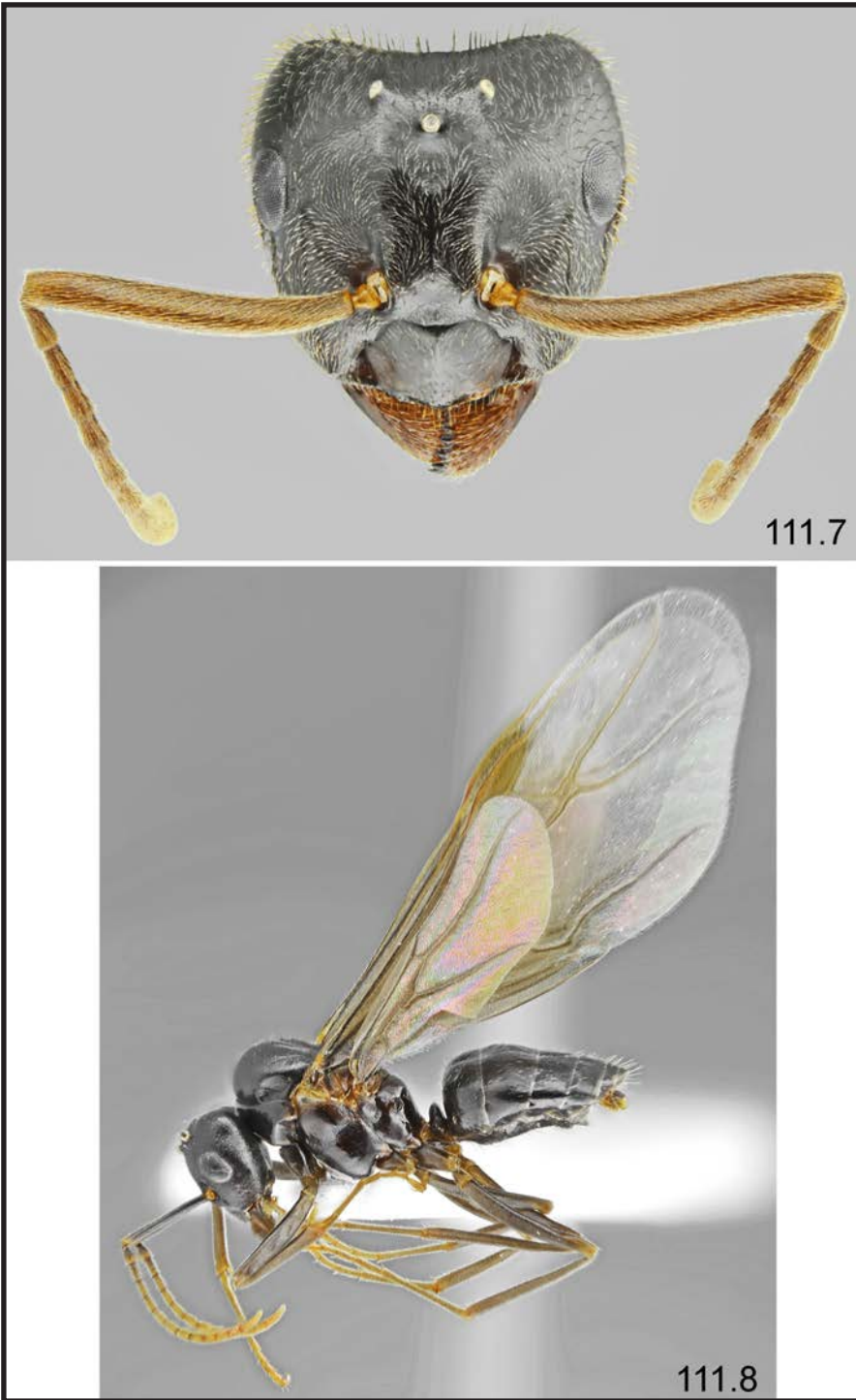


Fig. 111.7-8. *Lasius fuliginosus* (Latreille): 7 – gyne, head, 8 – male, lateral (photographed by Lech Borowiec)



Fig. 112.1-2. *Lepisiota caucasica* cf. MACEDONIA: 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)

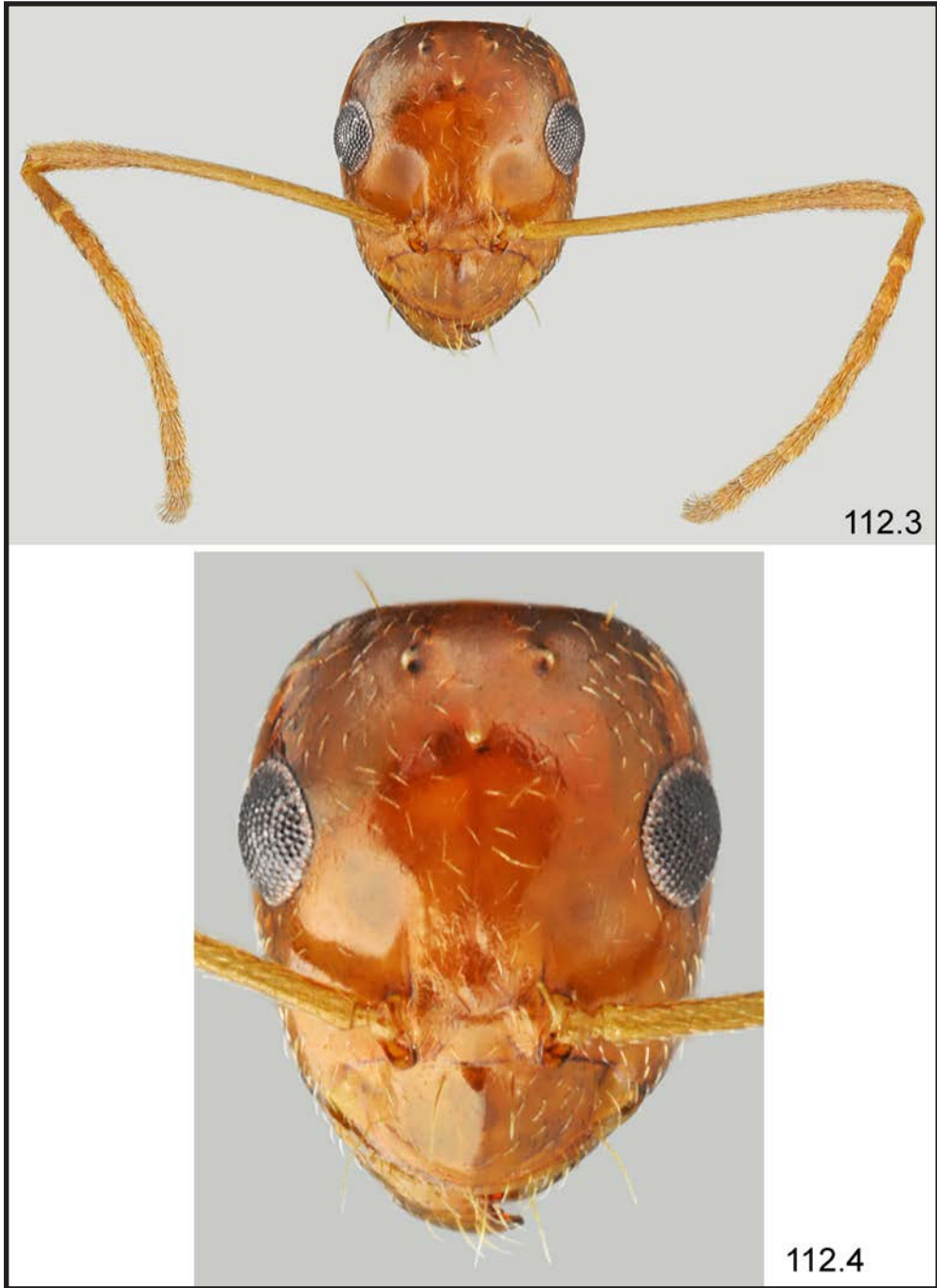


Fig. 112.3-4. *Lepisiota caucasica* cf. *MACEDONIA*: 3 – worker, head and antennae, 4 – worker, head (photographed by Lech Borowiec)



Fig. 113.1-2. *Lepisiota caucasica* cf. KAROFYLLAS: 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)



Fig. 113.3-4. *Lepisiota caucasica* cf. KAROFYLLAS: 3 – worker, head and antennae, 4 – worker, head (photographed by Lech Borowiec)

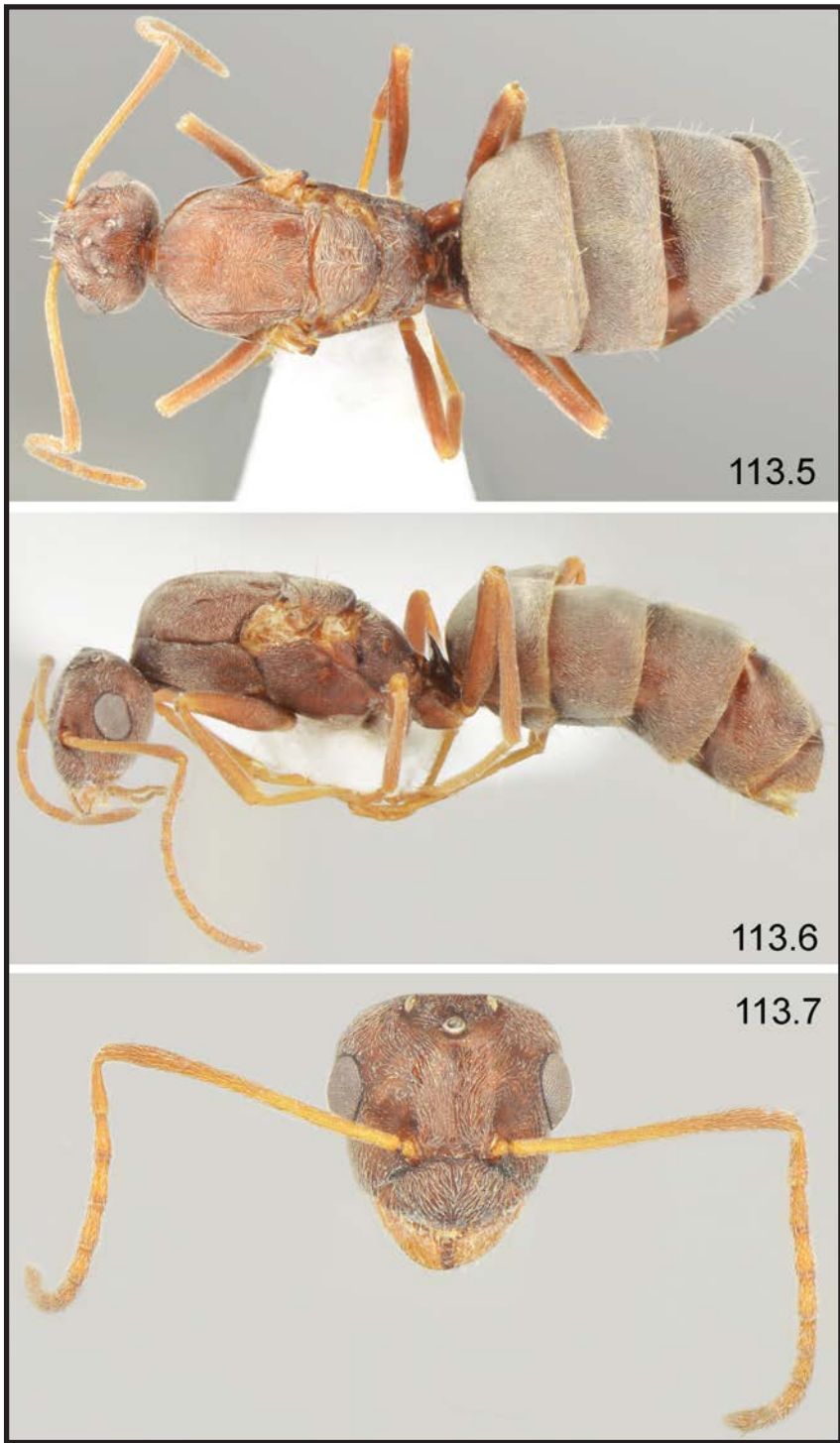


Fig. 113.5-7. *Lepisiota caucasica* cf. *KAROFYLLAS*: 5 – gyne, dorsal, 6 – gyne, lateral, 7 – gyne, head and antennae (photographed by Lech Borowiec)



Fig. 114.1-2. *Lepisiota frauenfeldi* Mayr_morphotype 1: 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)



Fig. 114.3-4. *Lepisiota frauenfeldi* Mayr_morphotype 1: 3 – worker, head and antennae, 4 – worker, head (photographed by Lech Borowiec)

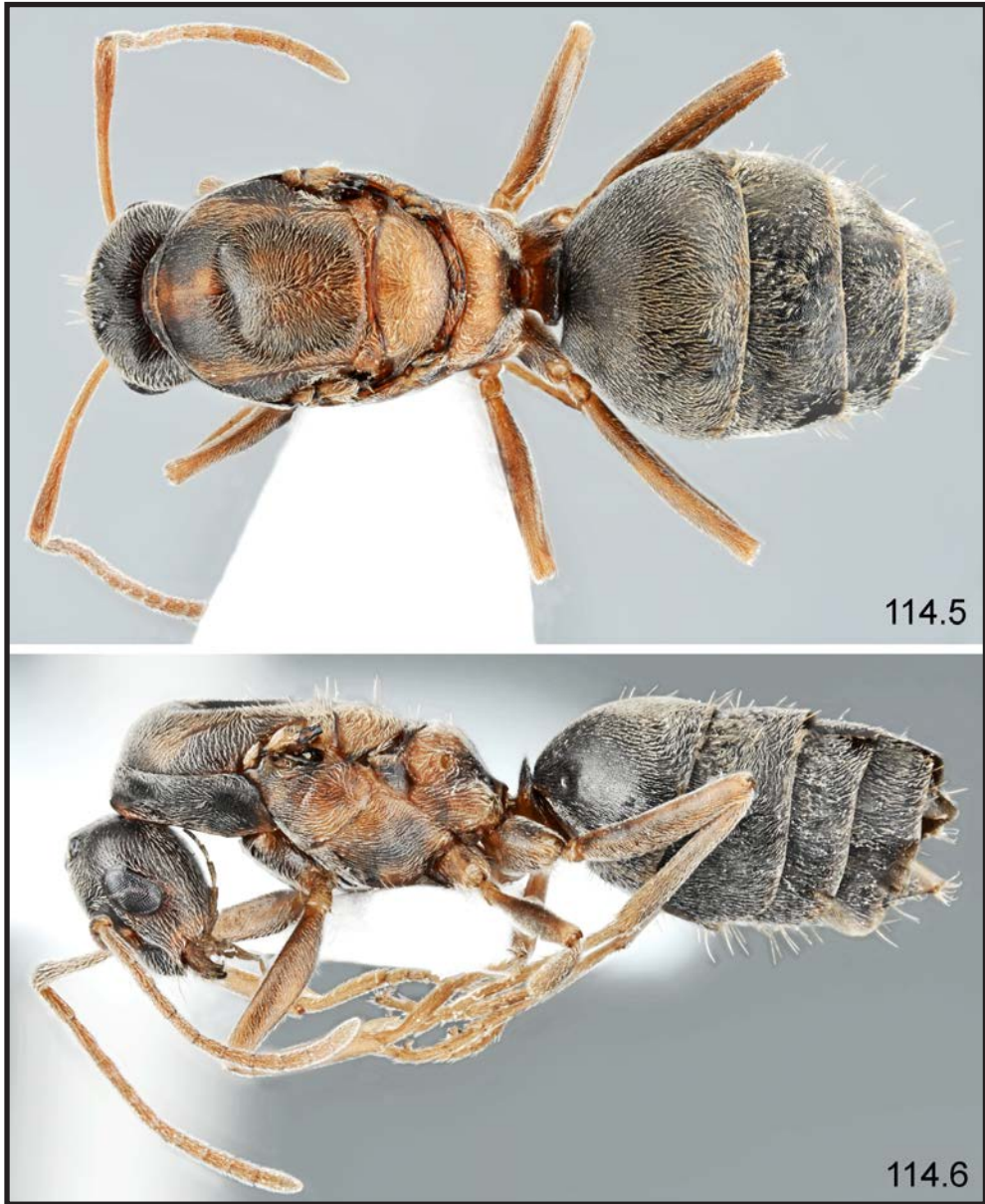


Fig. 114.5-6. *Lepisiota frauenfeldi* Mayr_morphotype 1: 5 – gyne, dorsal, 6 – gyne, lateral (photographed by Lech Borowiec)



Fig. 114.7-8. *Lepisiota frauenfeldi* May: 7 – gyne, head of morphotype 1, 8 – gyne, head of morphotype 2 (photographed by Lech Borowiec)



Fig. 114.9-10. *Lepisiota frauenfeldi* Mayr_morphotype2: 9 – worker, dorsal, 10 – worker, lateral (photographed by Lech Borowiec)



Fig. 114.11-12. *Lepisiota frauenfeldi* Mayr_morphotype 2: 11 – worker, head and antennae, 12 – worker, head (photographed by Lech Borowiec)

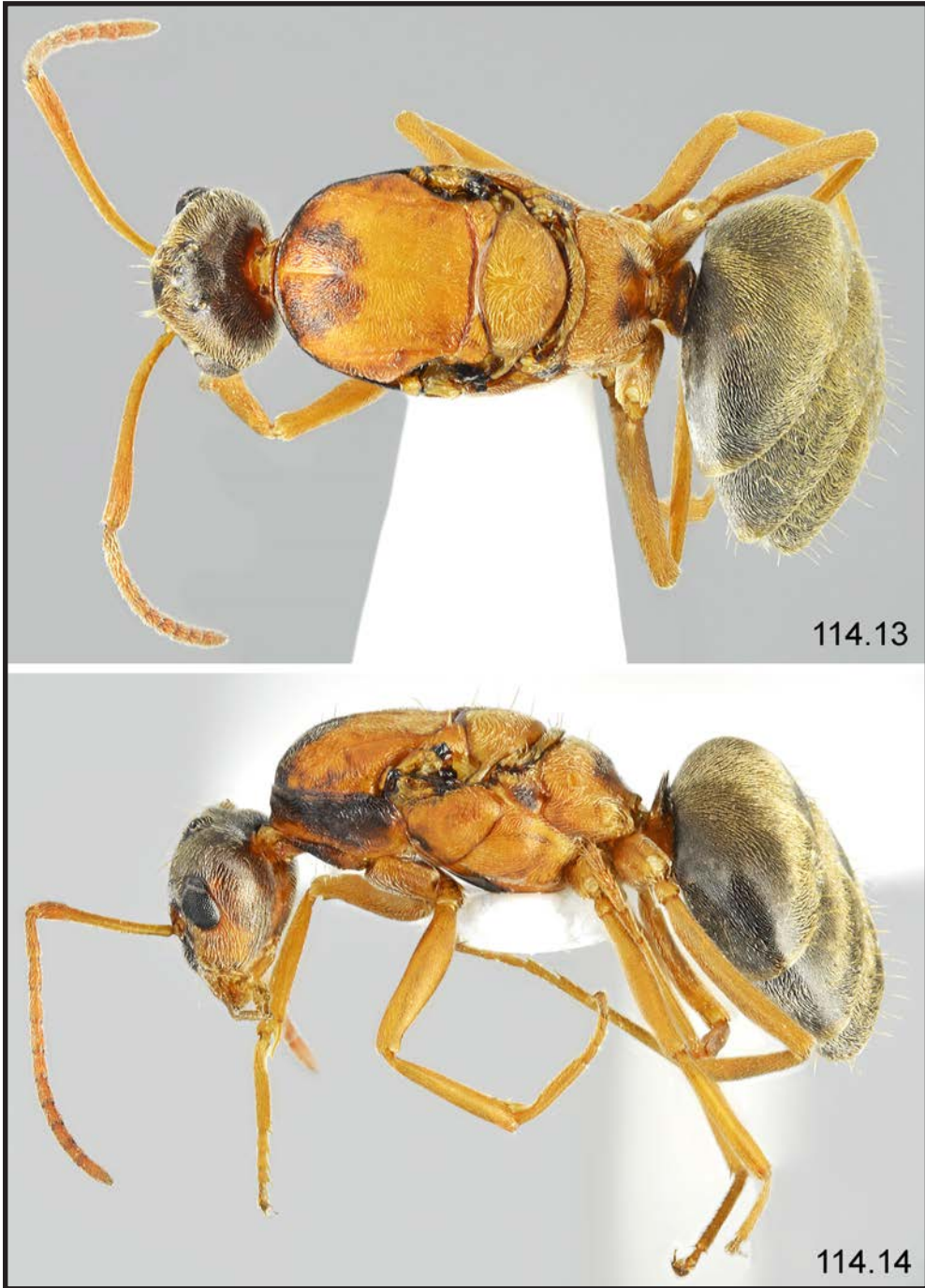


Fig. 114.13-14. *Lepisiota frauenfeldi* Mayr_morphotype 2: 13 – gyne, dorsal, 14 – gyne, lateral (photographed by Lech Borowiec)

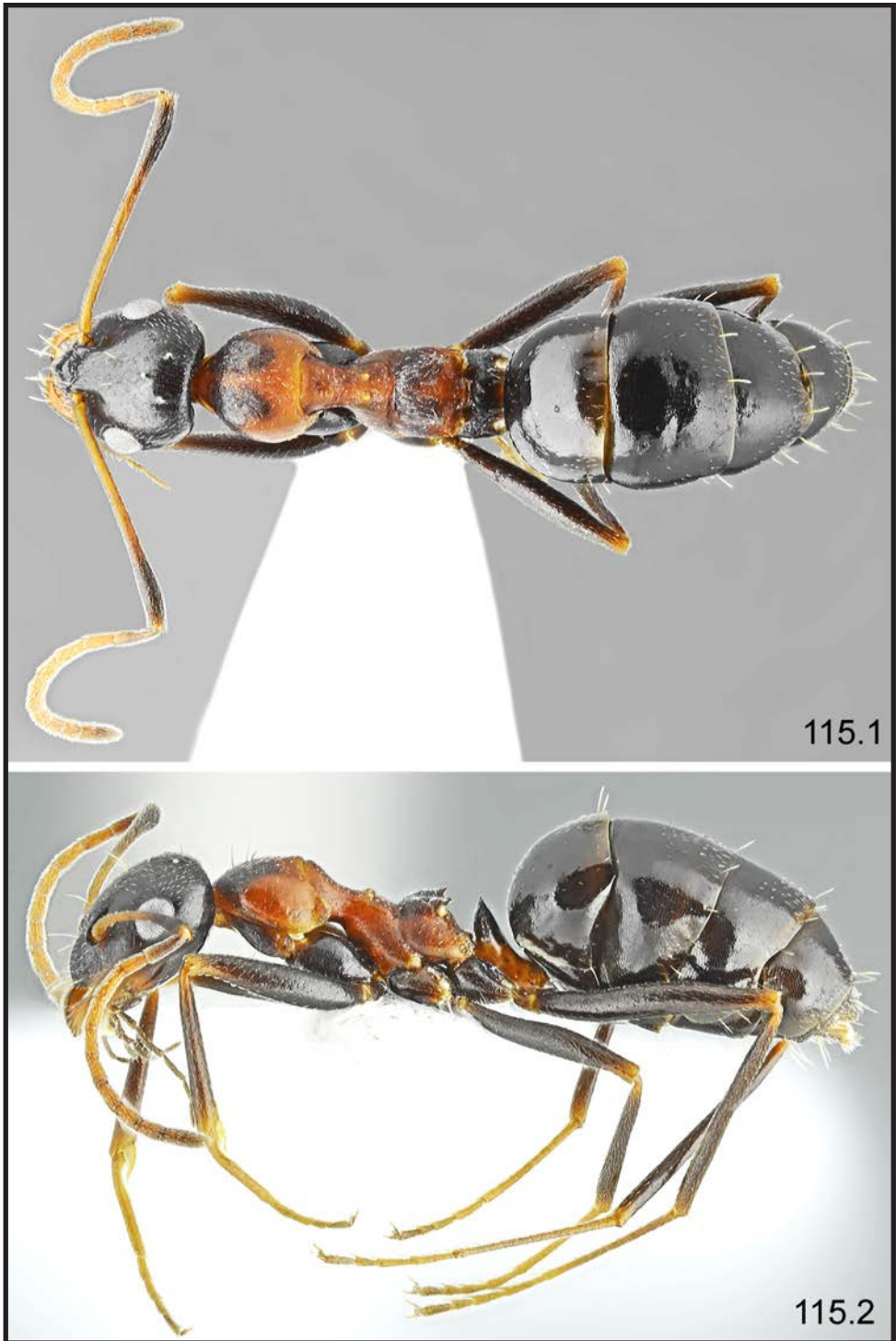


Fig. 115.1-2. *Lepisiota frauenfeldi* cf. *AEGEAN*: 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)



Fig. 115.3-4. *Lepisiota frauenfeldi* cf. AEGEAN: 3 – worker, head and antennae, 4 – worker, head (photographed by Lech Borowiec)



Fig. 115.5-6. *Lepisiota frauenfeldi* cf. _AEGEAN: 5 – the palest worker, lateral, 6 – the darkest worker, lateral (photographed by Lech Borowiec)

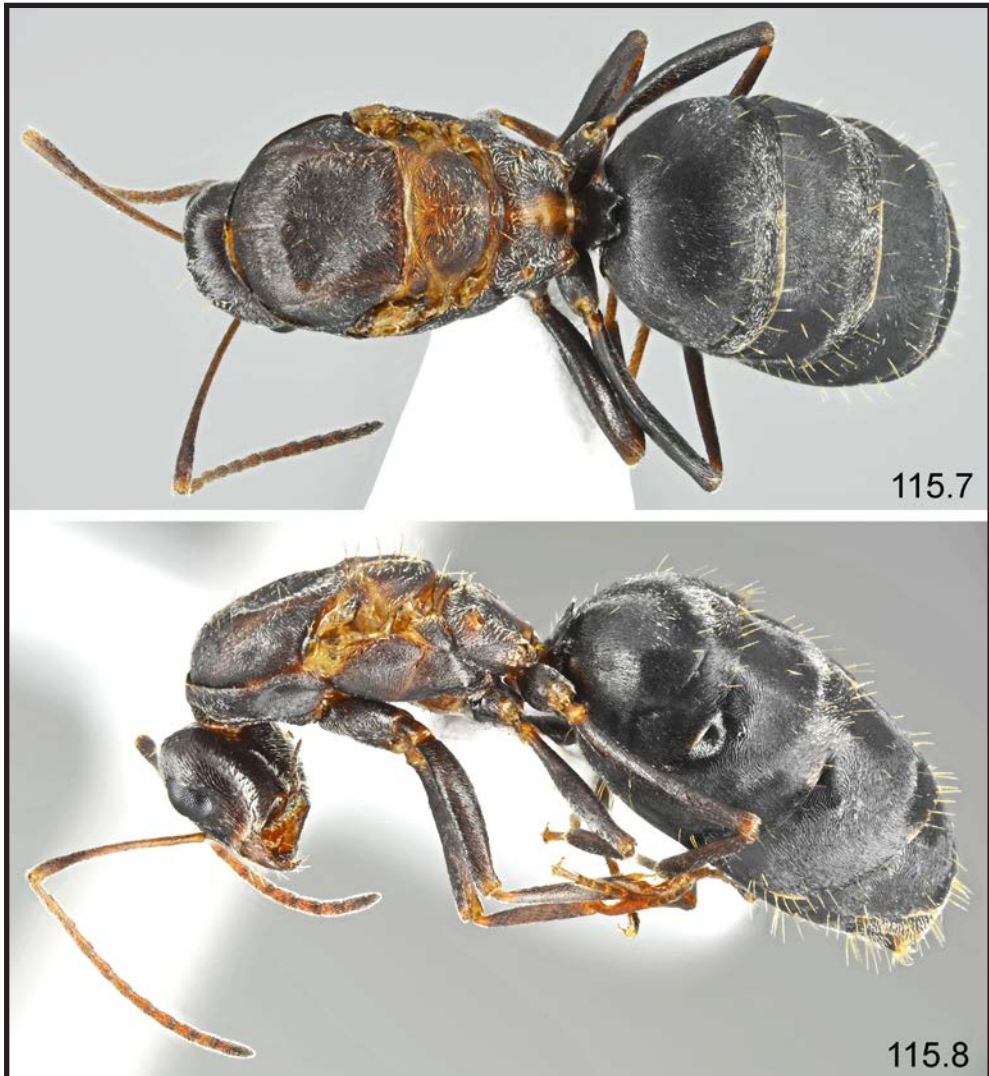


Fig. 115.7-8. *Lepisiota frauenfeldi* cf. *AEGEAN*: 7 – gyne, dorsal, 8 – gyne, lateral (photographed by Lech Borowiec)



Fig. 115.9. *Lepisiota frauenfeldi* cf_ AEGEAN – gyne, head (photographed by Lech Borowiec)



Fig. 116.1-2. *Lepisiota melas* (Emery): 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)



Fig. 116.3-4. *Lepisiota melas* (Emery): 3 – worker, head and antennae, 4 – worker, head (photographed by Lech Borowiec)



Fig. 116.5-6. *Lepisiota melas* (Emery): 5 –gyne, dorsal, 6 – gyne, lateral (photographed by Lech Borowiec)



Fig. 116.7. *Lepisiota melas* (Emery) – gyne, head (photographed by Lech Borowiec)



Fig. 117.1-2. *Lepisiota* cf. *melas*_KARPATHOS: 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)



Fig. 117.3-4. *Lepisiota* cf. *melas*_KARPATOS: 3 – worker, head and antennae, 4 – worker, head (photographed by Lech Borowiec)



Fig. 118.1-2. *Lepisiota nigra* (Dalla Torre): 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)

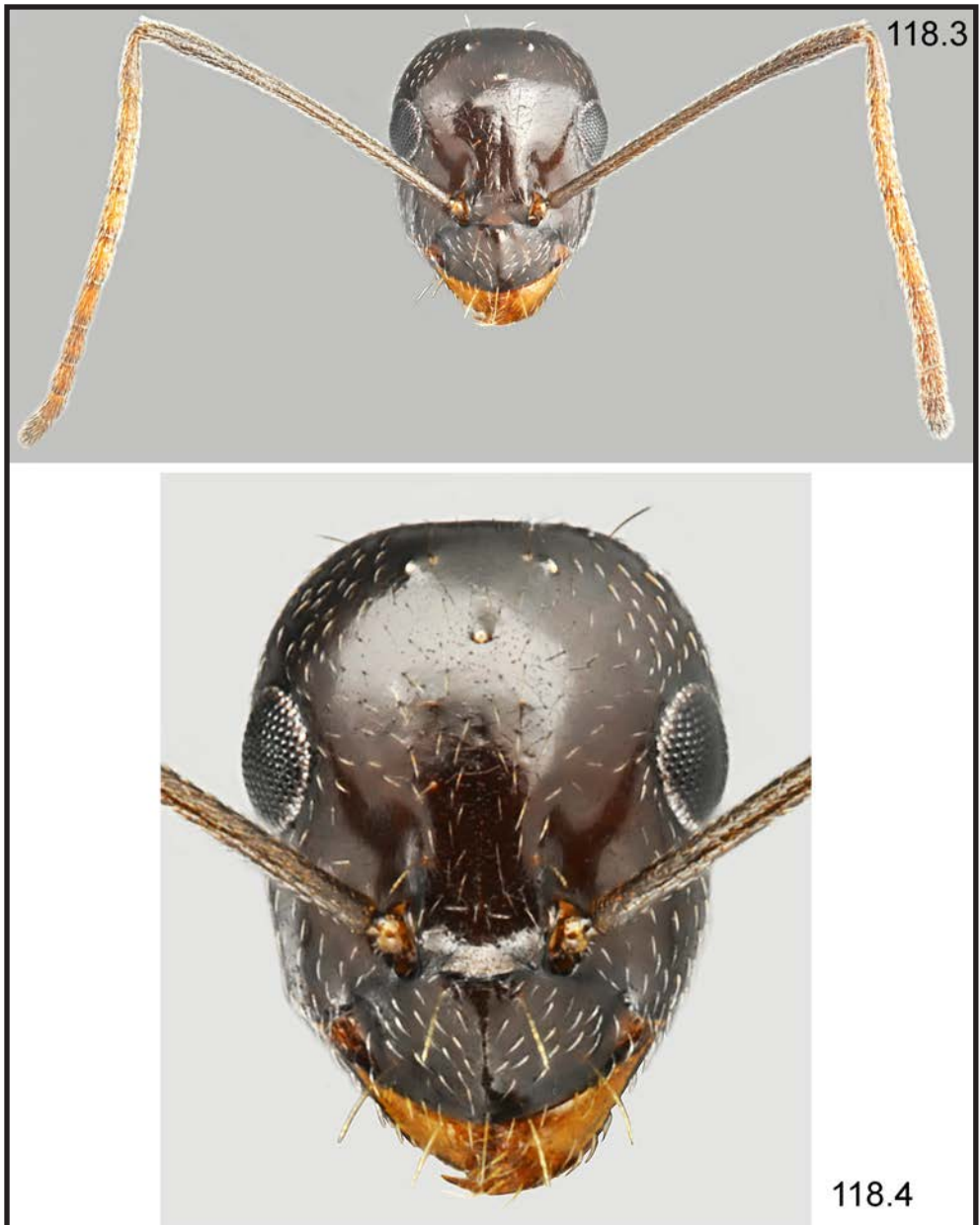


Fig. 118.3-4. *Lepisiota nigra* (Dalla Torre): 3 – worker, head and antennae, 4 – worker, head (photographed by Lech Borowiec)



Fig. 118.5-6. *Lepisiota nigra* (Dalla Torre): 5 – gynes, dorsal, 6 – gynes, lateral (photographed by Lech Borowiec)



Fig. 118.7. *Lepisiota nigra* (Dalla Torre) – gyne, head (photographed by Lech Borowiec)



Fig. 119.1-2. *Lepisiota syriaca* (André): 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)

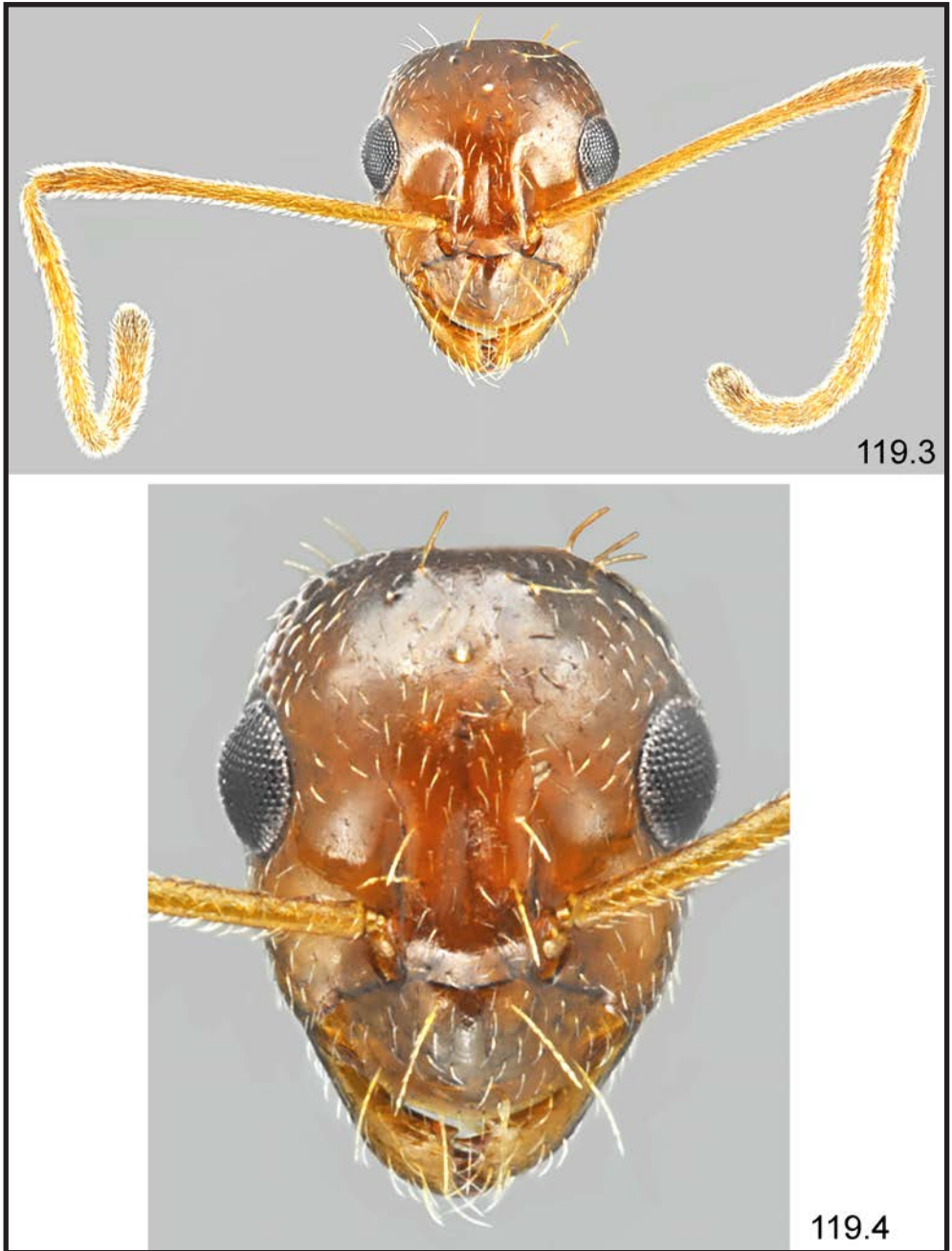


Fig. 119.3-4. *Lepisiota syriaca* (André): 3 – worker, head and antennae, 4 – worker, head (photographed by Lech Borowiec)



Fig. 119.1-2. *Nylanderia jaegerskioeldi* (Mayr): 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)

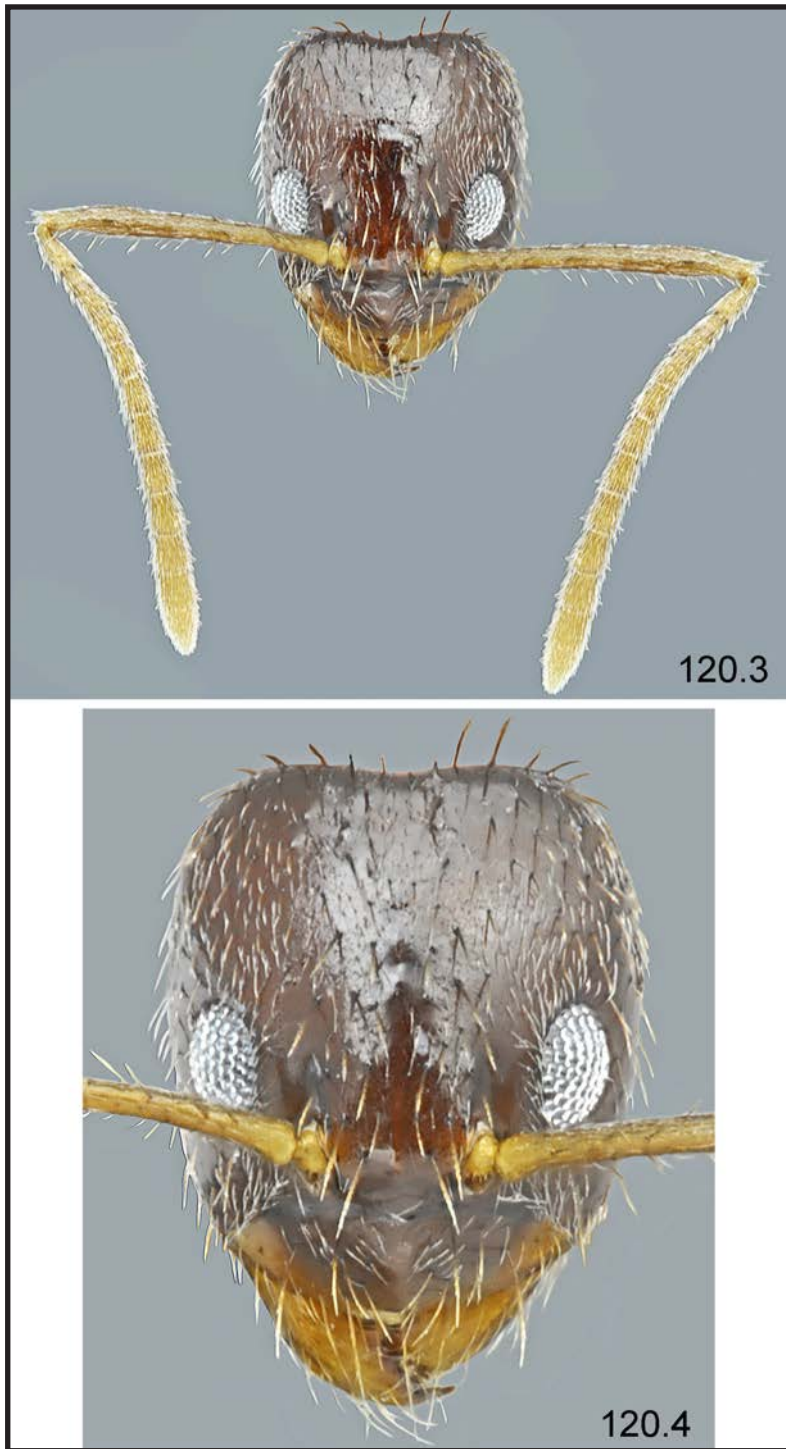


Fig. 120.3-4. *Nylanderia jaegerskioeldi* (Mayr): 3 – worker, head and antennae, 4 – worker, head (photographed by Lech Borowiec)



Fig. 120.5-6. *Nylanderia jaegerskioeldi* (Mayr): 5 – gyne, dorsal, 6 – gyne, lateral (photographed by Lech Borowiec)

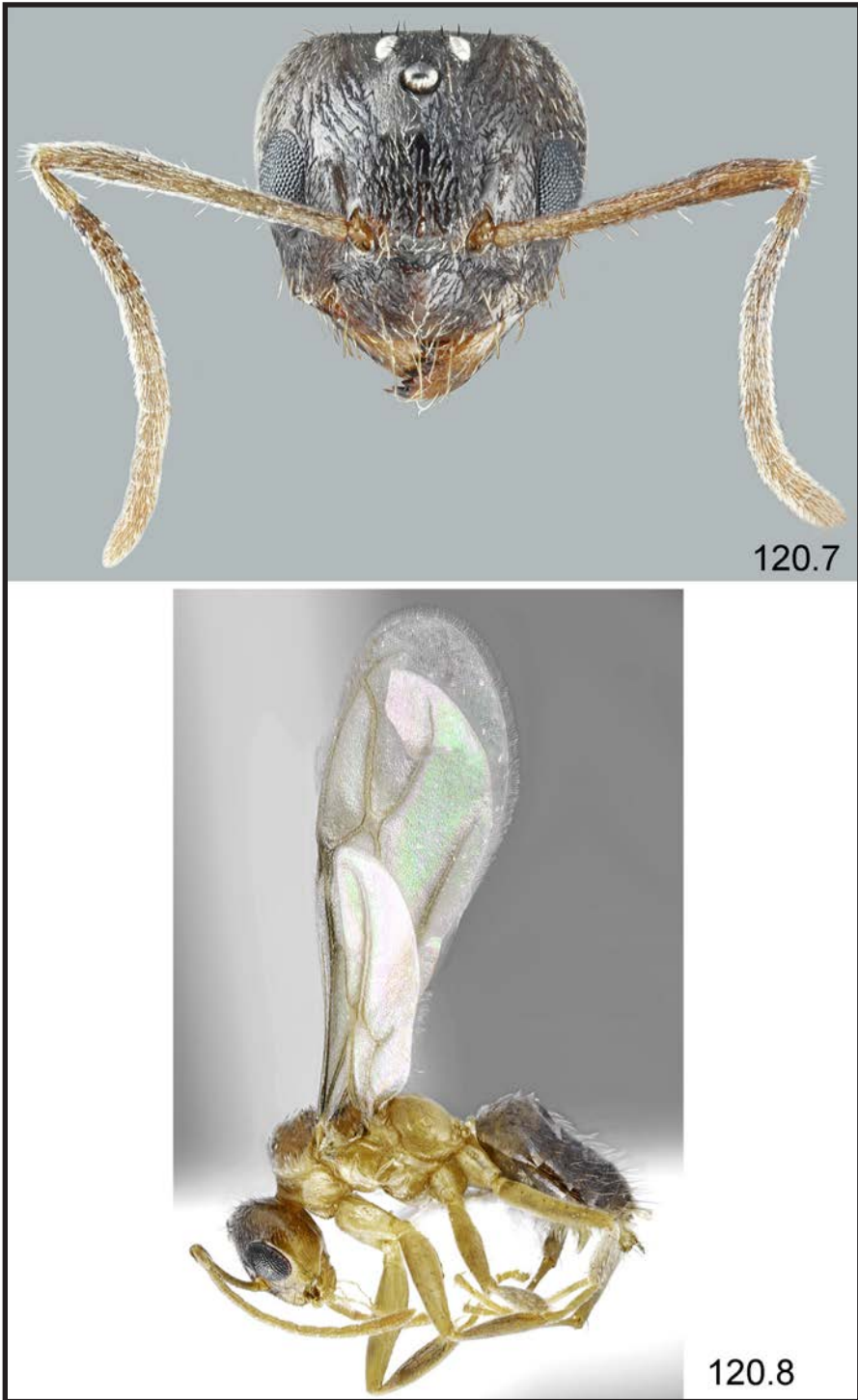


Fig. 120.7-8. *Nylanderia jaegerskioeldi* (Mayr): 7 – gyne, head, 7 – male, lateral (photographed by Lech Borowiec)



Fig. 121.1-2. *Nylanderia vividula* (Nylander): 1 – worker, dorsal, 2 – worker, lateral (photographed by April Nobile, from www.antweb.org)



Fig. 121.3-4. *Nylanderia vividula* (Nylander): 3 – worker, head, 4 – gyne, head (photographed by April Nobile, from www.antweb.org)



Fig. 121.5-6. *Nylanderia vividula* (Nylander): 5 – gyne, dorsal, 6 – gyne, lateral (photographed by April Nobile, from www.antweb.org)



Fig. 122.1-2. *Paratrechina longicornis* (Latreille): 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)



Fig. 122.3-4. *Paratrechina longicornis* (Latreille): 3 – worker, head and antennae, 4 – worker, head (photographed by Lech Borowiec)



Fig. 123.1-2. *Plagiolepis pallescens* Forel: 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)



Fig. 123.3-4. *Plagiolepis pallescens* Forel: 3 – worker, head and antennae, 4 – worker, head (photographed by Lech Borowiec)



Fig. 123.5-6. *Plagiolepis pallescens* Forel, yellow aberration: 5 – worker, dorsal, 6 – worker, lateral (photographed by Lech Borowiec)



Fig. 124.1-2. *Plagiolepis perperamus* Salata, Borowiec & Radchenko: 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)



Fig. 124.3-4. *Plagiolepis perperamus* Salata, Borowiec & Radchenko: 3 – worker, head and antennae, 4 – worker, head (photographed by Lech Borowiec)



Fig. 124.5-7. *Plagiolepis perperamus* Salata, Borowiec & Radchenko: 5 – gyne, dorsal, 6 – gyne, lateral, 7 – gyne, head and antennae (photographed by Lech Borowiec)



Fig. 125.1-2. *Plagiolepis pygmaea* (Latreille): 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)



Fig. 125.3-4. *Plagiolepis pygmaea* (Latreille): 3 – worker, head and antennae, 4 – worker, head (photographed by Lech Borowiec)



Fig. 125.5-7. *Plagiolepis pygmaea* (Latreille): 5 – gyne, dorsal, 6 – gyne, lateral, 7 – gyne, head and antennae (photographed by Lech Borowiec)



Fig. 126.1-2. *Plagiolepis xene* Stårcke: 1 – gyne, dorsal, 2 – gyne, lateral (photographed by Lech Borowiec)



Fig. 126.3. *Plagiolepis xene* Stärcke – gyne, head (photographed by Lech Borowiec)

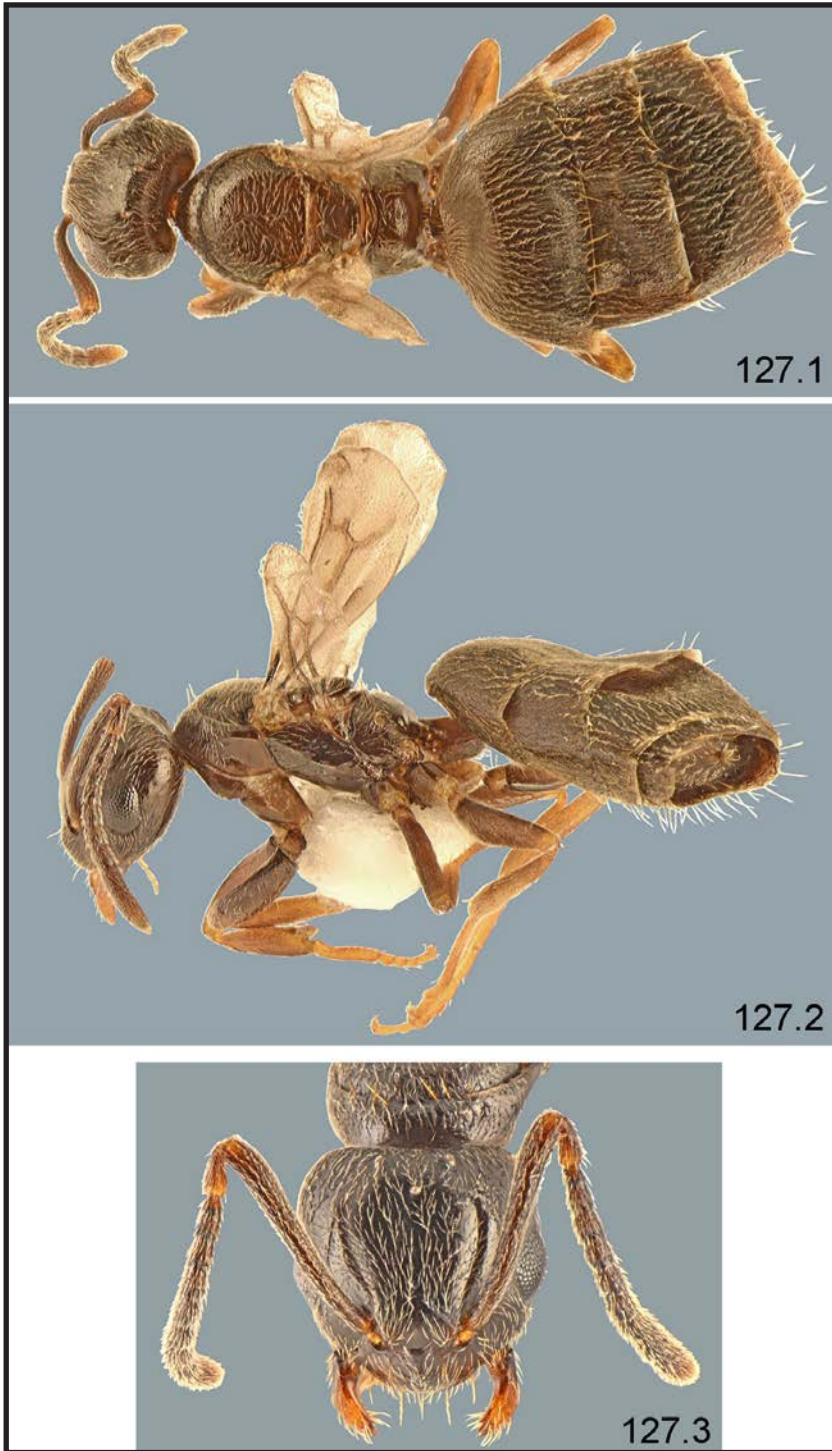


Fig. 127.1-3. *Plagiolepis* sp. brachypterous gyne: 1 –dorsal, 2 –lateral, 3 –head and antennae (photographed by Lech Borowiec)



Fig. 128.1-2. *Polyergus rufescens* (Latreille): 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)

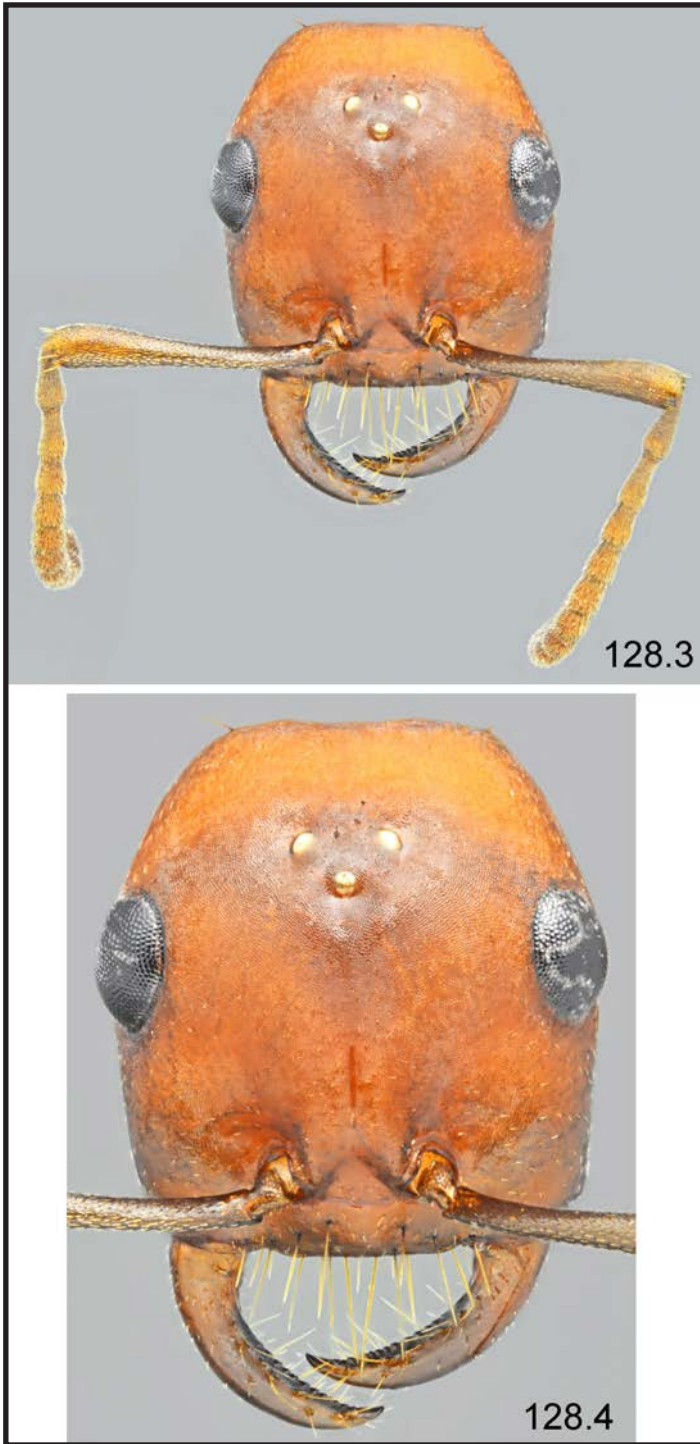


Fig. 128.3-4. *Polyergus rufescens* (Latreille): 3 – worker, head and antennae, 4 – worker, head (photographed by Lech Borowiec)

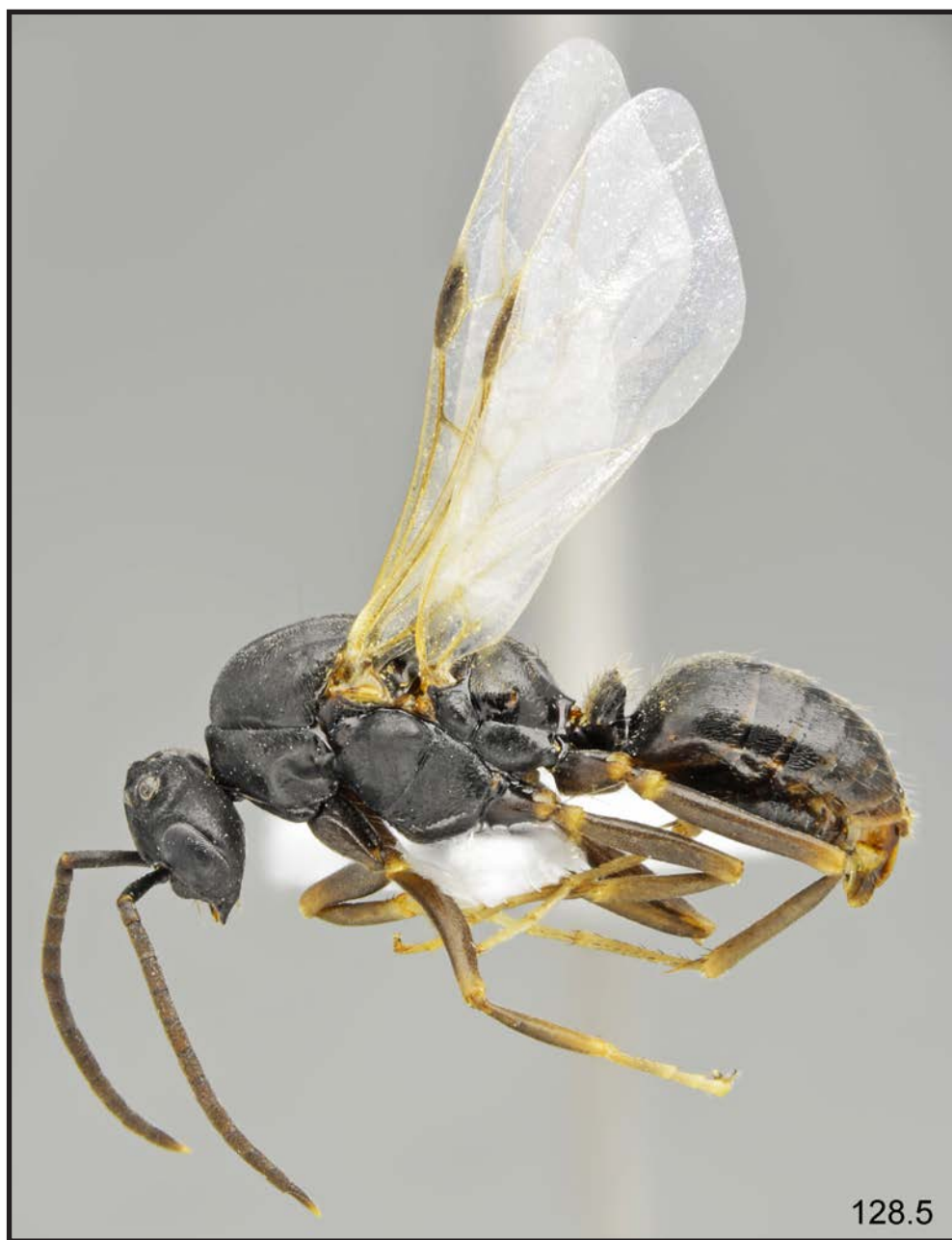


Fig. 128.5. *Polyergus rufescens* (Latreille) – male, lateral (photographed by Lech Borowiec)



Fig. 129.1-2. *Prenolepis nitens* (Mayr): 1 – worker, dorsal, 2 – worker, lateral (photographed by Lech Borowiec)



Fig. 129.3-4. *Prenolepis nitens* (Mayr): 3 – worker, head and antennae, 4 – worker with swollen gaster (photographed by Lech Borowiec)



Fig. 129.1-2. *Proformica chelmosensis* Lebas & Galkowski: 1 – minor worker, dorsal, 2 – minor worker, lateral (photographed by Lech Borowiec)



Fig. 129.3-4. *Proformica chelmosensis* Lebas & Galkowski: 3 – minor worker, head and antennae, 4 – minor worker, head (photographed by Lech Borowiec)



Fig. 130.5-6. *Proformica chelmosensis* Lebas & Galkowski: 5 – major worker, dorsal, 6 – major worker, lateral (photographed by Lech Borowiec)



Fig. 130.7-8. *Proformica chelmosensis* Lebas & Galkowski: 7 – major worker, head and antennae, 8 – major worker, head (photographed by Lech Borowiec)



Fig. 131.1-2. *Proformica lebasi* sp. nov.: 1 – minor worker, dorsal, 2 – minor worker, lateral (photographed by Lech Borowiec)



Fig. 131.3-4. *Proformica lebasi* sp. nov.: 3 – minor worker, head and antennae, 4 – minor worker, head (photographed by Lech Borowiec)



Fig. 131.5-6. *Proformica lebasi* sp. nov.: 5 – major worker, dorsal, 6 – major worker, lateral (photographed by Lech Borowiec)

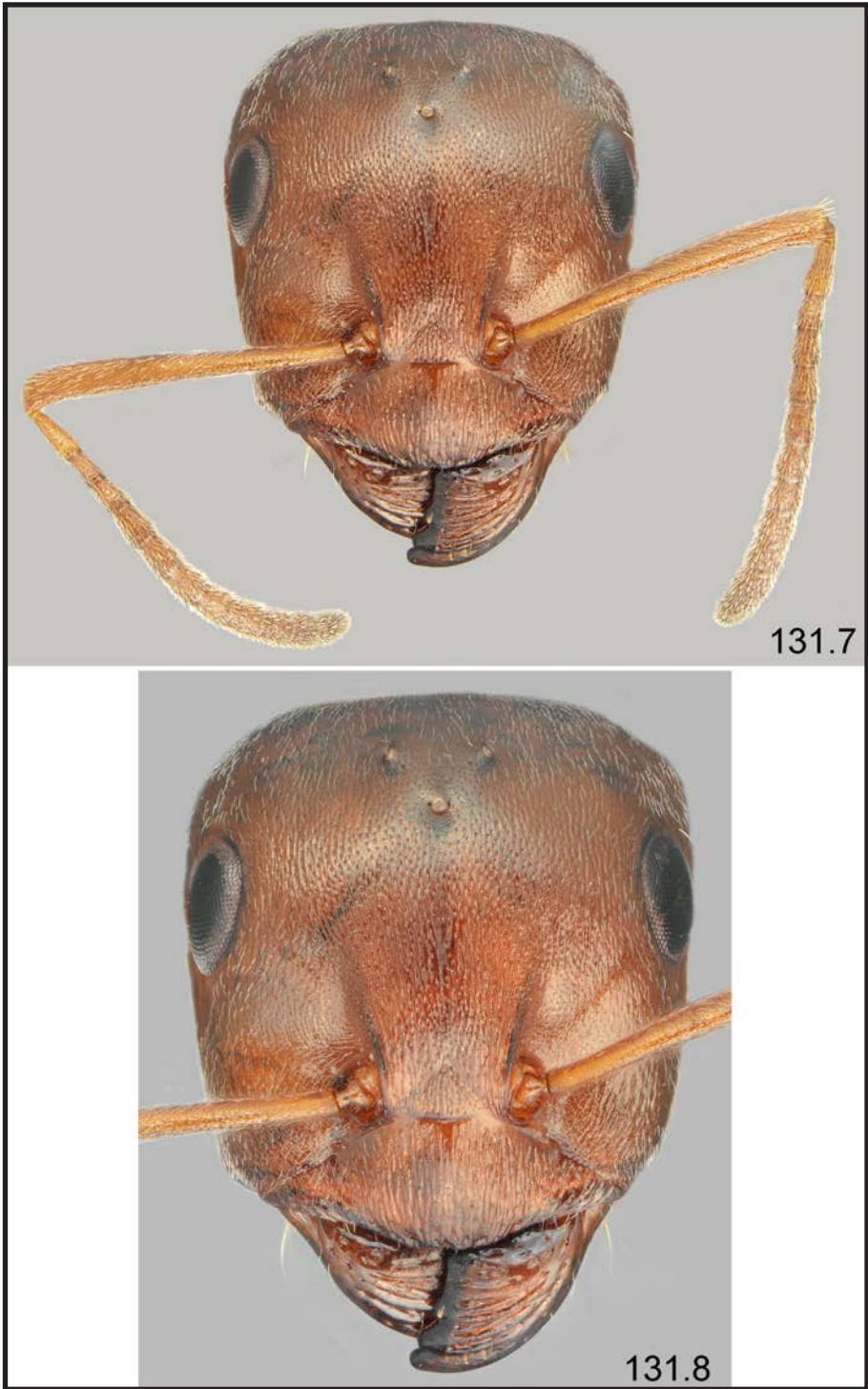


Fig. 131.7-8. *Proformica lebasi* sp. nov.: 7 – major worker, head and antennae, 8 – major worker, head (photographed by Lech Borowiec)



Fig. 132.1-2. *Proformica oculatissima* (Forel): 1 – minor worker, dorsal, 2 – minor worker, lateral (photographed by Lech Borowiec)



Fig. 132.3-4. *Proformica oculatissima* (Forel) 3 – minor worker, head and antennae, 4 – minor worker, head (photographed by Lech Borowiec)



Fig. 132.5-6. *Proformica oculatissima* (Forel): 5 – major worker, dorsal, 6 – major worker, lateral (photographed by Lech Borowiec)

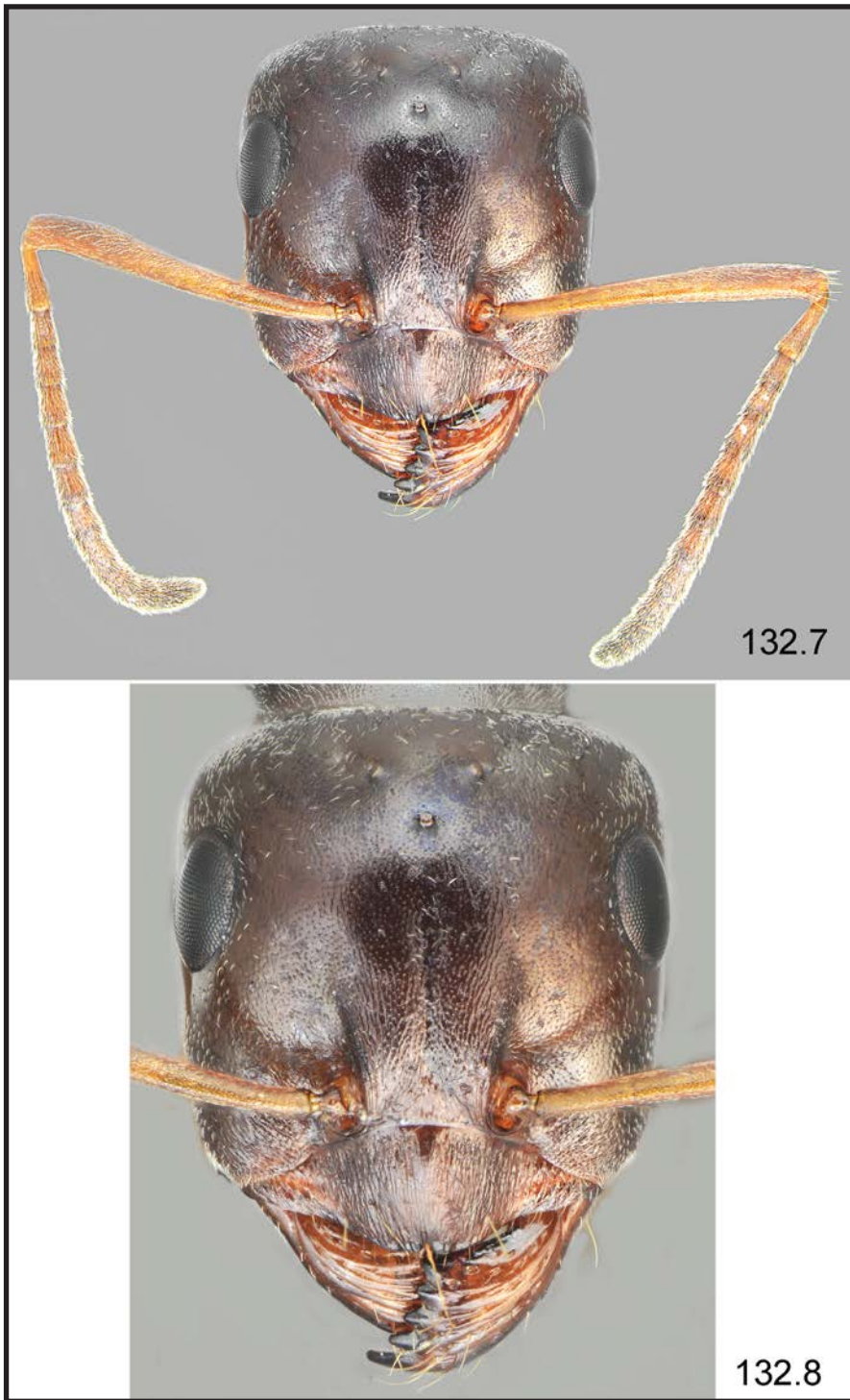


Fig. 132.7-8. *Proformica oculatissima* (Forel): 7 – major worker, head and antennae, 8 – major worker, head (photographed by Lech Borowiec)



Fig. 133.1-3. *Proformica striaticeps* (Forel): 1 – minor worker, dorsal, 2 – minor worker, lateral, 3 – medium worker, lateral (photographed by Lech Borowiec)



Fig. 133.4-5. *Proformica striaticeps* (Forel) 4 – minor worker, head and antennae, 4 – minor worker, head (photographed by Lech Borowiec)



Fig. 133.6-7. *Proformica striaticeps* (Forel) 6 – major worker, dorsal, 7 – major worker, lateral (photographed by Lech Borowiec)



Fig. 133.8-9. *Proformica striaticeps* (Forel) 8 – major worker, head and antennae, 9 – major worker, head (photographed by Lech Borowiec)