

having a low sward. The few nests that were found were built in the soil and most specimens were collected while foraging, which supports the idea that this species does not often use stones as nest sites. Foragers freely climbed over low vegetation, perhaps being indicative of habit similar to the European *Myrmica rubra* L.

***Myrmica ordinaria* Radchenko & Elmes, sp. n. (fig 4, 11–16)**

Material. Holotype worker, India, Kashmir, Seven Springs. 29.07. [19]86, leg. P. Williams (NHML). Paratypes: 23 workers, 1 female (dealate), with the same label; 6 workers, Pakistan, Kalam, 2300 m, 12.07. [19]94, leg. S. Dakatra (NHML, NHMB, RIGATO, SIZK, ELMES).

Workers. Head long, with parallel sides, straight or very feebly concave occipital margin, and narrowly rounded occipital corners. Anterior clypeal margin narrowly rounded and prominent (not pointed). Frontal carinae short, almost straight but curving outwards to merge with rugae which surround antennal sockets; although antennal scapes appearing relatively long and slender, they distinctly shorter than head; 3rd–5th funicular joints about 1.5 times longer than broad. In profile, promesonotum flattened and in some specimens, mesonotal dorsum slightly concave and mesonotum curves down abruptly to propodeum to form distinct wide and deep, mesopropodeal furrow. Propodeal spines relatively long, thin, straight and slightly broadened at their bases, they project backwards and upwards at < 45° to horizontal. Petiole with long, thick anterior peduncle and relatively high; petiolar node appearing relatively large and long in profile, and its dorsal surface gently rounded. Postpetiole subcubical, with slightly arched antero-dorsal surfaces.

Entire head dorsum (including clypeus) longitudinally rugulose; central frons with more than 15 rugae; surface between rugae finely superficially punctured but appearing shiny; frontal areasmooth and shiny; mandibles densely, longitudinally rugoso-striated. Whole alitrunk appearing shiny; promesonotal dorsum irregularly rugoso-reticulate; propodeal dorsum with fine reduced longitudinal rugulosity; sides of alitrunk finely longitudinally rugoso-striated. Petiole and postpetiole densely but finely punctured, and appearing submatte. Body with relatively sparse long, thin, erect to suberect hairs; those of lateral margins of head short and decumbent; those of appendages subdecumbent. Entire body coloured dark brown to black, and legs and antennae dark reddish-brown.

Female. Generally like workers in shape of head, sculpture, coloration and pilosity except: antennal scape relatively shorter; alitrunk relatively long and wide; propodeal spine distinctly shorter and projected backwards more horizontally; pattern of sculpture on head dorsum same but slightly coarser; besides being punctured, postpetiole also with some longitudinally concentric striation. Scutum densely longitudinally rugulose and scutellum with partly reduced rugulosity.

Notes. Males are unknown. The ecology is not known. *M. ordinaria* is closely related to *M. wardi* and *M. cachmiriensis* Forel. Workers and females of *M. ordinaria* differ from *M. wardi* by the very finely punctured, more or less smooth surfaces between the rugae of their head and alitrunk; workers also differ by a flat (not concave) mesonotal dorsum. Workers and females differ from *M. cachmiriensis* by their much darker colour of the body (*M. cachmiriensis* is testaceous red); females also differ by having longer heads (CI = 1.27 v 1.12–1.20).

***Myrmica rhytida* Radchenko & Elmes, sp. n. (fig 5, 1–10)**

Material. Holotype worker, [India], Kashmir, Up. Kainthal Nar, 34°00' N, 70 45' E, 3750 m, No. 3061, 14.08.1978, leg. P. Ward (NHML). Paratypes: 113 workers and 32 males, from the same nest; 3 females, 4 males, [India], Kashmir, 3 km NE Tar Sar, 34°09' N, 75°11' E, 3300 m, No. 3037, 02.08.1978; about 200 workers, 10 females (dealate), 5 males. [India], Kashmir, Tar Sar, 34°09' N, 75°09' E, 3950 m, No. 3038, 3039, 3040, 3041, 3042, 04.08.1978; 25 workers, [India], Kashmir, 1 km NE Yehmer Pass, 34°13' N, 75°10' E, 3600 m. No. 3043, 3045, 06.08.1978; 84 workers, 7 female (dealate), 4 males, [India],