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The genus *Spilomyia* Meigen, 1803 is a Holarctic genus, which currently includes 38 described species with a few representatives from the Neotropics and the Oriental regions (Wachkoo et al. 2019; Van Steenis 2000). The adults prefer to live in open areas having flowers with nectar (Thompson & Rotheray 1998) and their larvae are associated with damp, rotten timber in hollow trees and the decaying heartwood of deciduous trees (Maier 1982; Copeland 1989).

The species of the genus *Spilomyia* bear morphological and behavioral resemblance to social wasps in the field and can easily be differentiated from the other members of family Syrphidae by the presence of the following combination of characters: brown color pattern on eyes, apicoventral spur on hind femur and wing with cell R1 open (Van Steenis 2000).

Despite their widespread distribution, only three species of this genus, viz., *Spilomyia manicata* (Rondani, 1865), *S. saltuum* (Fabricius, 1794), and *S. sulphurea* Sack, 1910 are from Afghanistan and one species, *S. manicata* (Rondani) have been reported from India (Barikowska 1968; Ghorpadé 2014; Wachkoo et al. 2019). The aim of the present study is to provide the distribution map of *Spilomyia manicata* (Rondani) from Pakistan and neighboring countries.

Material and Methods: The observation of this species took place on agricultural land having mixed grasses and wild flowers in Khyber Pakhtunkhwa province of Pakistan at an elevation of 760 m. The specimen was identified using Van Steenis (2000) and Watchkoo et al. (2019). The distribution map was updated after Watchkoo et al. (2019) and current data. The specimen was photographed using an Olympus SZX7 stereomicroscope with a Sony CCD digital camera attached. The identified specimen is deposited at the National Insect Museum, Islamabad, Pakistan (reg. no: 105).

Results: The first record of *Spilomyia manicata* (Rondani, 1865) from Pakistan is reported herein along with its distribution map, diagnostic characters, and images provided for quick identification.

Family Syrphidae
Genus *Spilomyia* Meigen, 1803

Diagnosis: Head, face without keel, brown color
pattern on eyes; wings, radio-medial cross-vein on top half, often 1/3 of discal cell, vein R4+5 without distinct sinuate; legs, conical tooth at apicoventral anterolateral on hind femora; abdomen, with yellow and black bands (Van Veen 2010).

**Spilomyia manicata** (Rondani, 1865)
*Milesia manicata* Rondani, 1865: 132.
*Spilomyia integra* Kuntze, 1913: 549.
*Spilomyia boschmai* Lucas, 1964: 206.

Material examined: Registration no: (105), 11.ix.2019, 1 male, Pakistan: Khyber Pakhtunkhwa Province, Swat District, 35.054092° N, 72.564847° E, 760 m, leg. A. Karam.

Diagnosis: Face yellow with black median strip (Image 1C), frons yellow with broad black triangular spot above antennae, ocellar triangle black, the triangle between anterior ocellus and the eyes yellow (Image 1C). Legs brownish except for all coxae which are yellow-brown to black, with basal yellowish hairs and distinct apico-ventral black setae; trochanter brownish-black; ventral with short black hairs; front tibia black on apical ¼–2/3; protarsus black except yellowish-brown 5th tarsomeres; legs with short yellowish setae except ventral sides of femora with distinct black bristly hairs; spur on hind femora narrowly concave (Images 1A–C). Thorax; color black except posterior half of humerus, posterior anepisternum, proepisternum, postero-dorsal 1/5th of katepisternum, basal half of katepisternum, nearly all katatergite and macula (in front of scutellum semicircular) yellow; scutellum yellow on posterior 1/4–1/3; proepisternum, anterior anepisternum, anterior anepipimeron, meron and metasternum black; the yellow spots having yellowish hairs; meron bare, katepisternum having distinct patch of hairs on apico-dorsal and ventral (Images 1A–B). Wings, weakly brownish along anterior margins to hyaline, r-m cross-vein strongly oblique, vein R4+5 narrowly bend into r4+5 cell, halters yellow; calypters whitish (Image 1E).

![Image 1. Spilomyia manicata (Rondani, 1865), habitus of male: A—dorsal habitus | B—lateral habitus | C—frontal view | D—hind femora | E—left-wing © M.A. Hassan](image-url)
Abdomen, the anteromedial and posterior yellow fascia on abdominal tergites II–IV completed not separated in the middle. Sternites I–IV with black rectangular spots, sternum I wider than long, I–II with long white hairs and II–IV with short appressed black setae (Image IA,B).

Distribution: Central and southern Europe (Van Veen 2010), Afghanistan, and India (Wachkoo et al. 2019).

Discussion: Species of the genus *Spilomyia* Meigen, 1803 are widely distributed around the world with a few representatives from the Neotropics and Oriental regions. Despite their worldwide distribution, there are only a few recent records from most parts of its range. It is probably a threatened species or may be facing a high risk of threat in the future (Vujič et al. 2001; Speight 2013). *Spilomyia manicata* (Rondani, 1865) is recently reported from the Himalayas (India), i.e.; Kashmir Valley in northwestern Himalaya and western Himalayan state of Himachal Pradesh to the southern slopes of the Hindu Kush Mountains in the northeastern parts of Afghanistan (Wachkoo et al. 2019). The importance is that the discovery of this very rare species from the eastern Hindu Kush Mountains in Swat Valley extends the range of this species from the Himalaya to Hindu Kush ranges from India, Pakistan to Afghanistan (Image 2).

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