

pit is present between the bases of the meso- and meta-coxae. This latter pit is not lined with setae. Notauli present, but not prominent. Propodeal plates just less than $\frac{1}{3}$ length of declivitous face of propodeum, directed posteriorly. Petiole pedunculate; stalk less than $\frac{1}{2}$ length of petiole, thick. Head faintly rugose and densely punctate to punctulate, leading to a granular appearance (rugae nearly obscured by punctures) except as follows: central $\frac{1}{3}$ of frontal area (between antennal sockets) punctate to punctulate. Interstices punctate to punctulate with numerous non-piligerous punctures. Thoracic dorsum rugose with decided longitudinal orientation. Thoracic pleura faintly rugose with decided longitudinal orientation (almost obscured by heavy punctures). Neck of pronotum densely punctulate. Mesopleuron with scrobiculate median area. Propodeal dorsum with rugulose basal face (with transverse carinae between spines) and transversely carinate declivitous face. Alitrunk interstices with granular appearance due to dense non-piligerous punctures. Petiolar node dorsum glassy-smooth; remaining surfaces rugulose, becoming punctulate near venter, venter punctulate. Postpetiolar node dorsum glassy-smooth; remaining surfaces rugulose, becoming punctulate near venter, venter punctulate. First gastral tergite base weakly carinate with some carinae diverging towards posterior (longest carinae located near midline of tergite, length $\frac{1}{4}$ to $\frac{1}{3}$ length of postpetiole). First gastral sternite base glassy-smooth with no trace of carinae. Setae on head decumbent to appressed. Setae on clypeus erect. Setae on mandible suberect to appressed. Setae on scape and funiculus decumbent to appressed. Setae on alitrunk erect to appressed (mostly appressed), setae of legs decumbent to appressed with a few suberect setae on coxae. Setae on anterior surface of petiolar node appressed, setae on dorsum, posterior surface, and side suberect. Setae absent from venter of petiole. Setae of postpetiole suberect on all surfaces except setae erect on venter. Setae on gaster suberect to decumbent. Head, alitrunk, and petiole dark brown, postpetiole and gaster brown, appendages yellow brown. Wings gray. Setae mostly white to gray on head and alitrunk, setae yellow on gaster.

DISCUSSION

Little is known concerning the biology of this species. Arnol'di provided the following information.

"Primorskiy Kray, 'Kedrovaya Pad' Preserve. Type worker, allotype queen and male and paratypes (5 workers). Loose cedar leaves, August - September of 1964 (by Mr. Dlussky). 8 workers, 3 queens, 1 male found in Suputinsky Preserve by Tichmirova and Dlussky."