

# A New Species of *Xanthorhoe* Hübner (Lepidoptera: Geometridae)

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A new species of larentiine geometrid is described from Polar Urals in Russia. This new species is a member of *Xanthorhoe incursata*-group, comprising more than four species in the Holarctic region: *X. incursata* (Hübner), *X. sajanaria* (Bang-Haas), *X. derzhavini* (Djakonov) and *X. ramaria* Swett and Cassino. Three species (*X. sajanaria*, *X. derzhavini* and *X. sp1*) are the Palearctic in distribution, occurring from central Europe to Russian Far East, one (*X. ramaria*) is the Nearctic, eastern coast of North America, and one (*X. incursata*) is the Holarctic. This group is one of the confusing groups in the Larentiinae due to its variability in wing markings and wide-spread distribution that results in scanty material. Despite of variability in wing markings, the male and female genitalia provide good diagnostic characters. Here I provide diagnosis, description and male and female genitalia of the new species by comparing its allied species.