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Distribution of *Diplolepis* spp. (Cynipidae, Diplolepidini) on *Rosa* spp. in the Eastern Black Sea Region, Turkey

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Aim of the study: The tribe Diplolepidini (Cynipidae) which are associated only with the single shrub genus *Rosa*, has only 58 species belonging to 2 genera although roughly 1400 species belonging to Cynipidae are known in the worldwide. In the Western Palaearctic, the genus *Diplolepis* includes the six species, and these species are also known from Turkey. In this study, the aim is to determine distribution of *Diplolepis* spp. in the Eastern Black Sea Region.

Material and Methods: The rose gall specimens on *Rosa* spp. were collected from study area between late 2017 and early 2018. The galls were kept in laboratory and checked weekly for emerged adults after collection. The adults were fixed on cards and pinned. The adults were identified using available literature sources.

Results: As a result of the field studies, five species of gall inducing are reported from Eastern Black Sea Region - *D. eglanteriae* (Bayburt, Gümüşhane), *D. fructuum* (Artvin, Bayburt, Gümüşhane, Giresun, Ordu), *D. mayri* (Artvin, Bayburt, Giresun, Ordu), *D. rosae* (Bayburt, Gümüşhane, Giresun, Ordu, Rize, Trabzon), and *D. spinosissima* (Bayburt, Gümüşhane). These species are widely distributed across the entire Eastern Black Sea Region. *D. nervosa*, known only from Istanbul, has not yet been observed in the study area. Data about new localities and host plant of the species will be recorded as the fieldwork continues.

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Keywords: Distribution, Cynipidae, Diplolepidini, Rosa, Turkey.