

Turkish Journal of Zoology

Turkish Journal

of


Zoology

Review of the species of *Gugolzia Delucchi* and *Steffan* (Hymenoptera: Pteromalidae) in Europe and Turkey, with descriptions of new species

Mikdat DOĞANLAR¹, Oğuzhan DOĞANLAR²

¹Mustafa Kemal University, Agriculture Faculty, Plant Protection Department, 31034 Antakya, Hatay - TURKEY

²Ağrı İbrahim Çeçen University, Science and Arts Faculty, Department of Molecular Biology, Ağrı - TURKEY

 [Keywords](#)
[Authors](#)



zool@tubitak.gov.tr

[Scientific Journals Home](#)
[Page](#)

Abstract: The species of *Gugolzia* (Hymenoptera: Chalcidoidea, Pteromalidae) in Europe and Turkey were reviewed, and an identification key for differentiating the species is provided. Newly discovered diagnostic characters of the genus were added to the diagnoses given by earlier authors. Species were recorded as parasitoids of phytophagous Eurytomidae (Hymenoptera: Chalcidoidea). New host and distributions are for *Gugolzia harmolitae*, which was reared from *Tetramesa romana* feeding on shoots of *Arundo donax* (Poaceae), *Gugolzia karadagae* n.sp. from *Eurytoma plotnikovi* feeding on fruits of *Pistacia vera* together with *Megastigmus pistaciae* (Chalcidoidea: Torymidae) in Gaziantep province, and *Gugolzia melengicia* n.sp. from fruits of *Pistacia terebinthi* together with *M. pistaciae*, *Eurytoma* sp., and *Scophyla* sp. (Eurytomidae) in Hatay province, Turkey. The new species are described, their diagnostic characters are illustrated by photographs, and biological data for the species are given.

Key words: *Gugolzia*, new species, diagnosis, distribution, biology

Turk. J. Zool., **34**, (2010), 23-34.

Full text: [pdf](#)

Other articles published in the same issue: [Turk. J. Zool., vol.34,iss.1](#).