

## عنوان مقاله:

Introduction of some species of Parastagonospora on poaceous plants in Iran

## محل انتشار:

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## خلاصه مقاله:

The main purpose of this study was to identify species of Parastagonospora in association with poaceous plants in Iran. Some species of Parastagonospora like *P. nodorum* causes a major loss to wheat production in the world. In the present research, two species including *P. nodorum*, and *P. avenae* were identified from different poaceous species. *Parastagonospora nodorum* was identified on *Phalaris arundinacea*. However, *P. avenae* was divided into two forms special. i.e. *P. avenae* f. sp. *avenaria* (Paa) on *Phalaris arundinacea* and *Avena sativa*, and the identified *P. avenae* f. sp. *tritici* (Pat $\Delta$ ) on *Phalaris arundinacea*, *Bromus hordeaceus* and *Aegilops tauschii*. Species identification was done according to morphology of anamorph and molecular confirmation was performed on the basis of  $\beta$ -xylosidase gene sequence. Pat $\Delta$  and Paa are reported from Iran for the first time and also all of the identified hosts are new to the world.

## کلمات کلیدی:

$\beta$ -xylosidase, glum blotch, Morphology, new species, phylogeny

## لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/1537224>

