

***Aleurocanthus spiniferus* in Montenegro - Host plants and symptoms of infestation**

Dense colonies on underside of citrus leaves and fruits followed with honeydew and black sooty mold (Fig. 1).



a



b



c



d



e



f



Fig. 1. *A. spiniferus*: a-f- dense colonies on underside of citrus leaves; g-j – sooty mold on infested laves; k, l- sooty mold on citrus fruits

Severe infestations on *Pyracantha* sp., roses and ivy (Fig. 2, 3, 4) followed by chlorosis and drying of certain heavy infested plants, as well with premature leaf drop on citrus branches (Fig. 5).



a

b



c

d

Fig. 2 a-d. *A. spiniferus*: heavy infested leaves of *Pyracantha* sp.



a



b



c



d

Fig. 3. *A. spiniferus*: a-c - dense colonies on underside of rose leaves; d - black sooty mold on rose leaves



a



b



c

Fig. 4 a-c: *A spiniferus*-infested ivy



a



b



c



d



e



f



g



h



i



j

Fig. 5. Consequence of heavy infestation caused by *A. spiniferus*: a – drying of ivy; b – chlorosis and beginning of drying of *Pyracantha*; c i d – dried *Pyracantha* plants; e i f – beginning of rose drying; g – later stages of rose drying; h, i, j – heavy chlorosis and premature citrus leaf drop

Infestations on grapevine (Fig. 6).



a

b



c



d



e



f



g



h

Fig. 6. *A. spiniferus* : a–e colonies on underside of grapevine leaves; f – honeydew on leaves; g, h – beginning of leaf necrosis

A. spiniferus is also detected on pomegranate, laurel, loquat and wisteria (Fig. 7).



a



b



c



d



e



f



g

Fig. 7. *A. spiniferus* : a-c colonies on underside of pomegranate leaves; d – on laurel, e- on loquat; f, g – adults and nymphs on underside of wisteria leaves

In 2018 newly recorded hostplants are detected: wild rose *Rosa canina* (Fig. 8).



a



b

Fig. 8. *A. spiniferus*: a, b – colonies on wild rose leaf underside

U 2018. presence of adults and sporadically deposited eggs were detected on underside of ailanthus leaves *Ailanthus altissima* without signs of further colony development (nymphs-pupae) as well on kumquats and *Citrus japonica* (presence of adults and sporadically deposited eggs without further colony development) (Fig. 9).



a



b

c



d



e



f

Fig. 9. *A. spiniferus*: a-c – adults and sporadically deposited eggs on underside of ailanthus leaves; d, e –adults on underside of kumquats leaves; f – kumquat without symptom of presence of the pest, although in very close vicinity of heavy infested mandarin trees