## 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).





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).

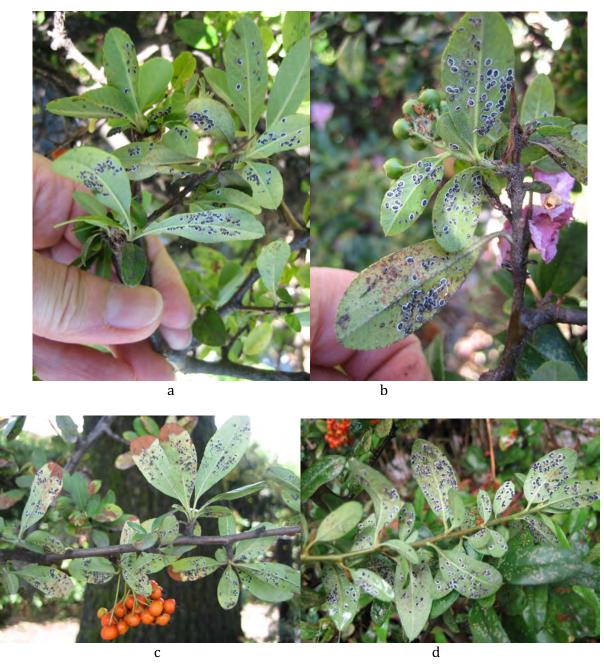
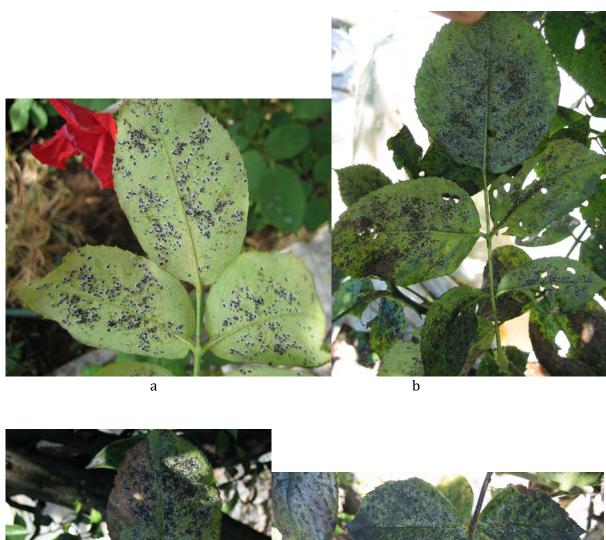


Fig. 2 a-d. A spiniferus: heavy infested leaves of Pyracantha sp.





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















g

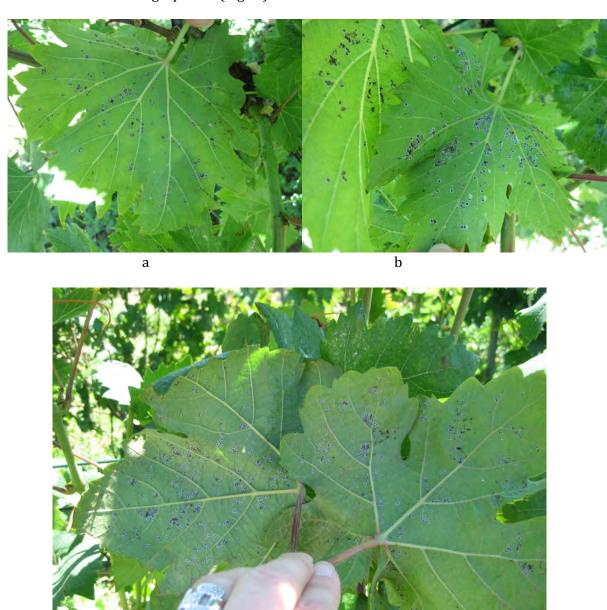


h



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).



С



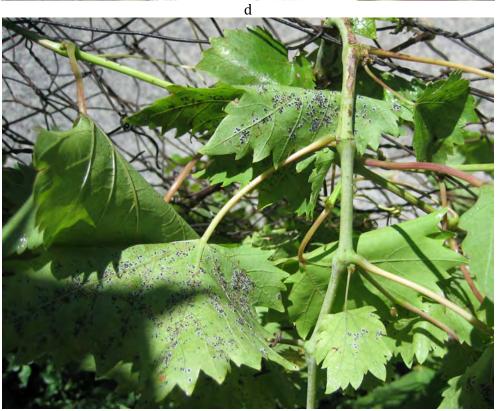


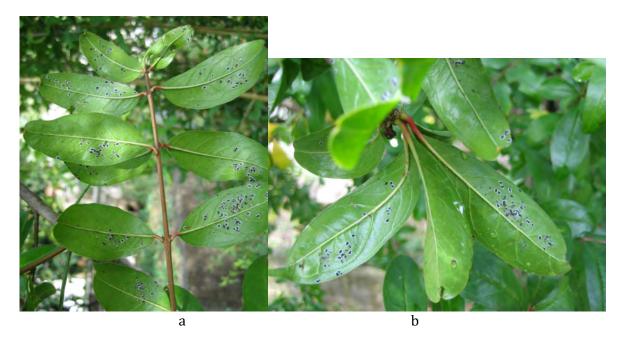




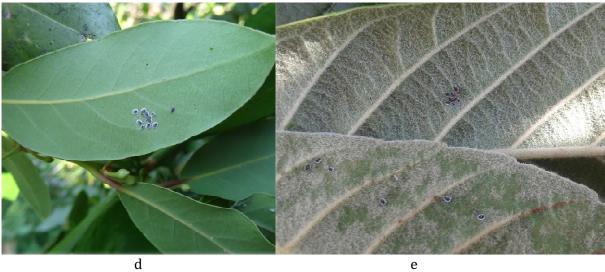


Fig. 6. *A. spiniferus*: a–e colonies on underside of grapevine leaves; f – honeydew on leaves; g, h – beginning of leaf necrosis

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









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

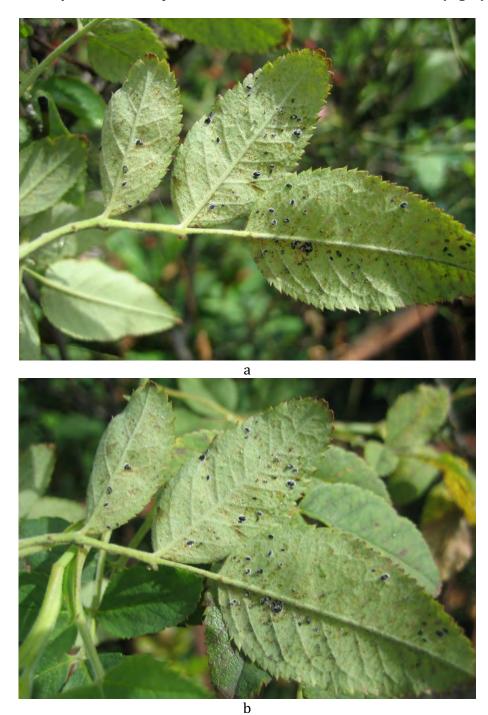


Fig. 8. A. spiniferus: a, b – colonies on wild rose leaf underside

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).



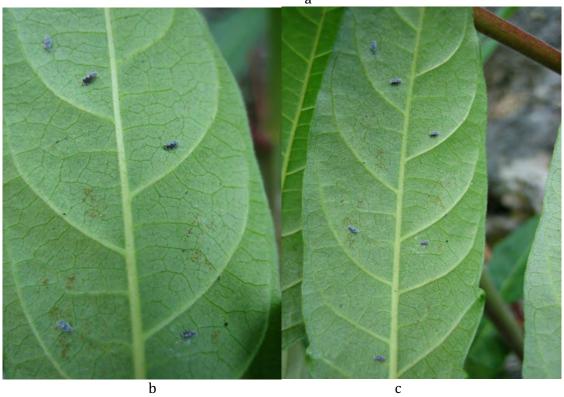




Fig. 9. A. spiniferus: a-c – adults and sporadically deposited eggs on underside of ailanthus leaves; d, e –adults on underside of kumquats leaves; f – kumquat without symptom of presence of the pest, although in very close vicinity of heavy infested mandarin trees