

Supplementary figures

**Water-repellent plant surface structure induced
by gall-forming insects for waste management**

Keigo Uematsu, Mayako Kutsukake, Takema Fukatsu

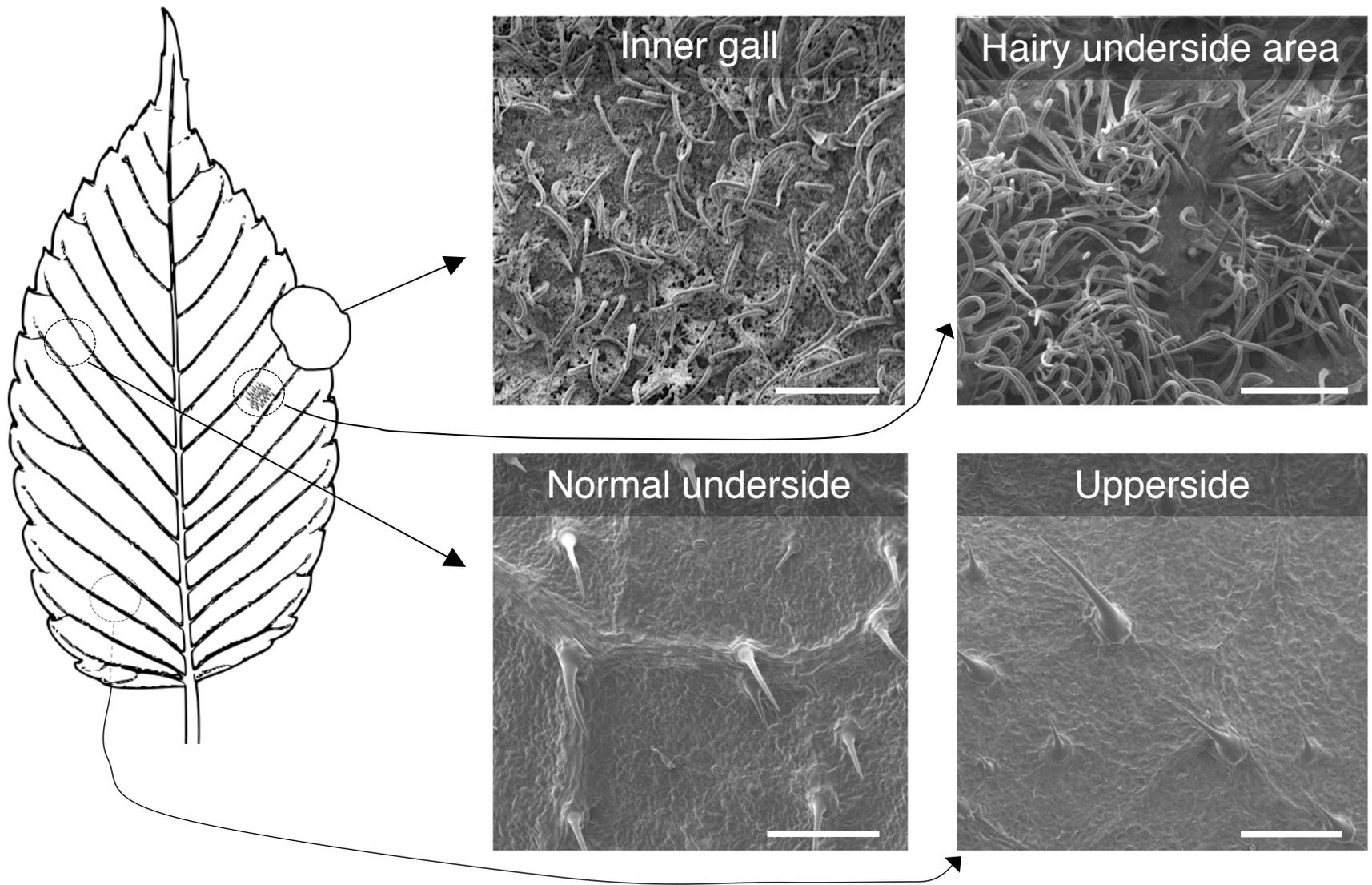


Figure S1.

Leaf areas and corresponding SEM figures on the underside of a *Z. serrata* leaf harbouring a *C. clematis* gall. Scale bars indicate 200 μm .

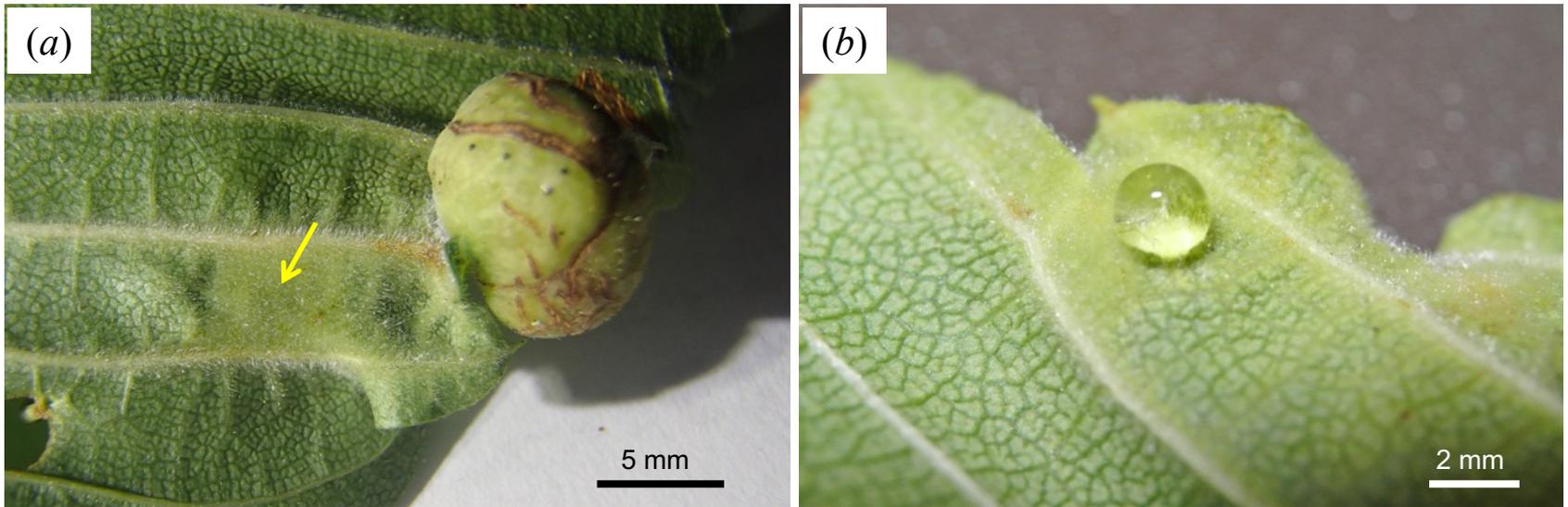


Figure S2.

Hairy areas on the *Z. serrata* leaf harbouring a *C. clematis* gall. (a) An underside area covered with dense trichomes (arrow). (b) A water droplet placed on the hairy area.

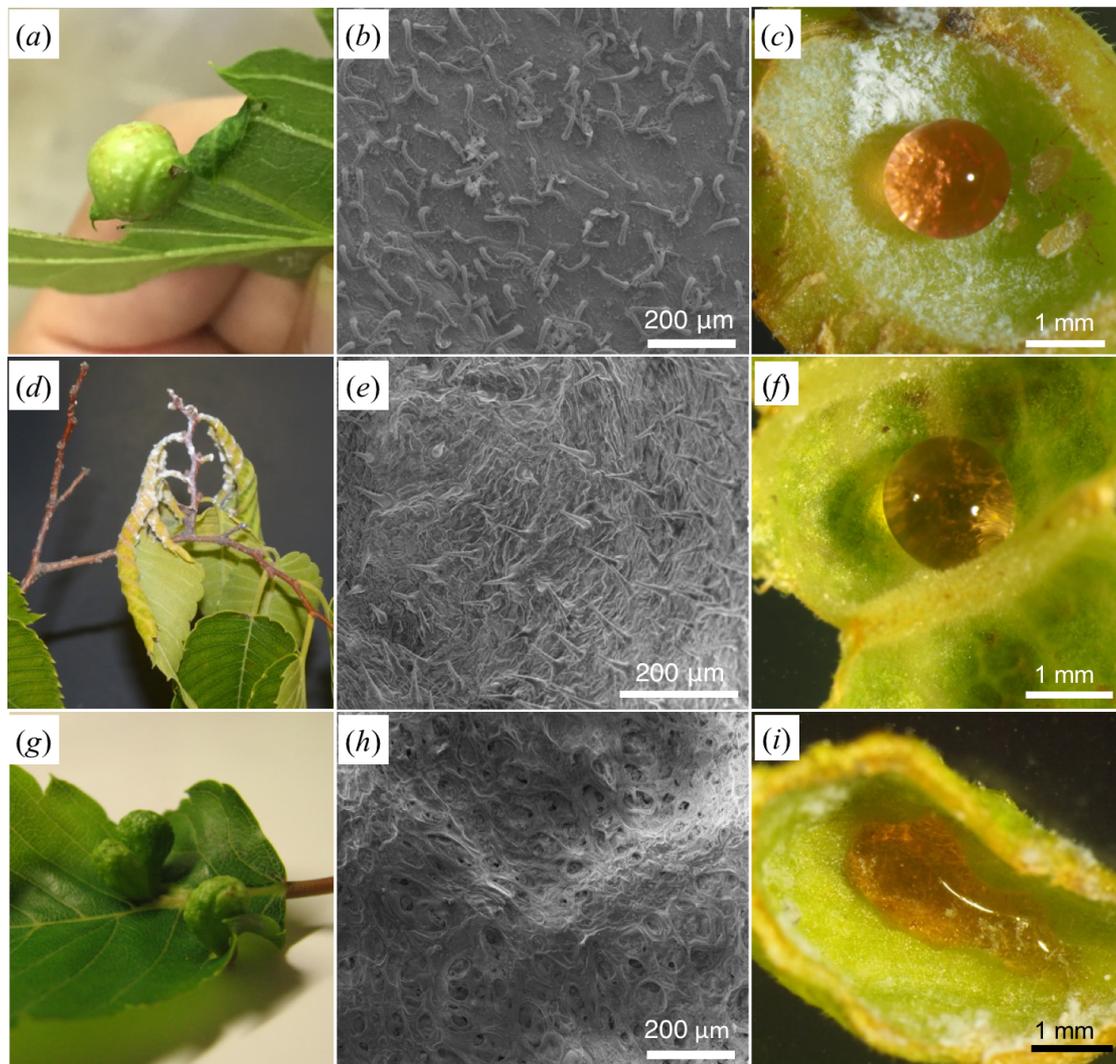


Figure S3.

Galls of Eriosomatini aphids on *Zelkova serrata*: *Colophina arma* (a,b), *Colophina clematis* (c), *Hemipodaphis persimilis* (d-f), and *Paracolopha morrisoni* (g-i). (a,d,g) Mature galls; (b,e,h) inner gall surfaces; (c,f,i) food-dye solution on gall inner surfaces.