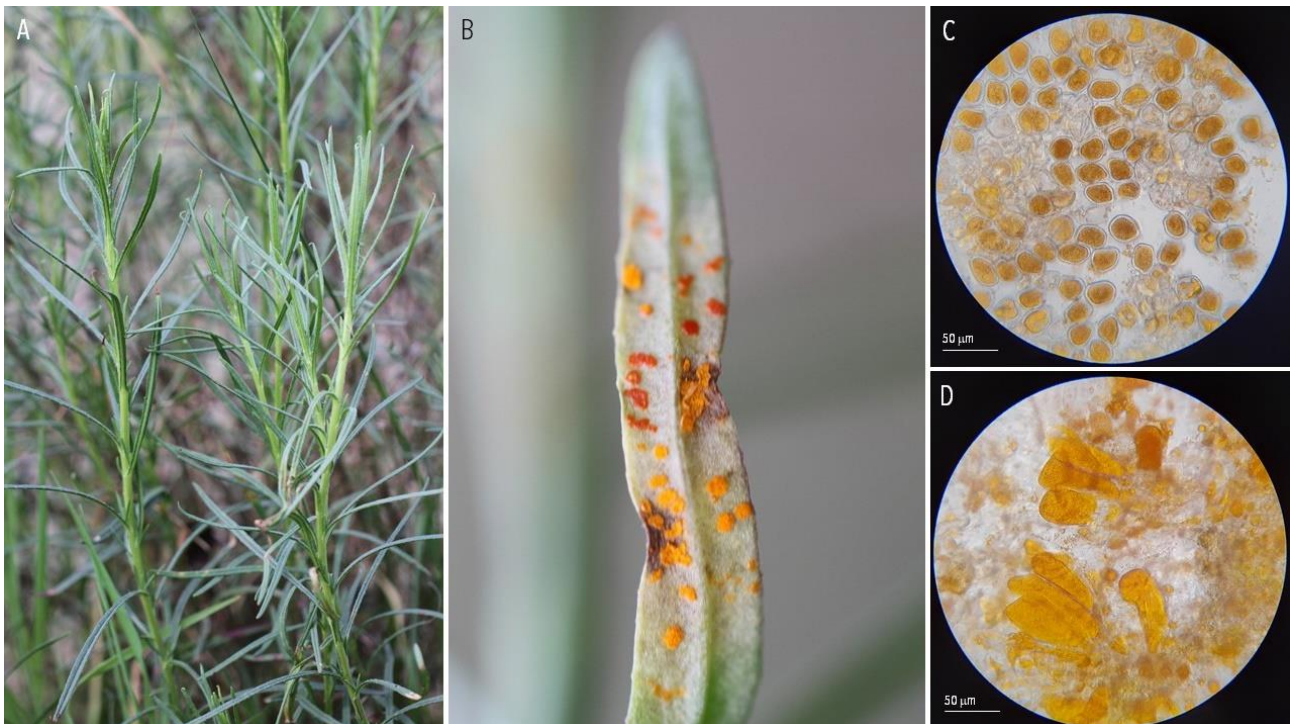


Appendix 1 | Overview of the 196 (plant pathogens ordered by disease categories (rusts, $n = 97$; powdery mildews, $n = 27$; septoria-like diseases, $n = 28$; other fungal leaf diseases, $n = 30$; other fungal non-leaf diseases, $n = 8$; hyperparasite fungi, $n = 3$; non-fungal diseases, $n = 3$) and then by alphabetical order. The date of collection is indicated with the format YMD (year-month-day). Uncertainty in the species identification is indicated ('?' for a moderate uncertainty and '??' for a high uncertainty). Unless otherwise stated, the determination was considered certain on the basis of Klenke & Scholler (2015) and Viennot-Bourgin (1949), confirmed by information found on different websites or blogs of plant pathologists (e.g. Ellis, 2020; Kruse, 2020; Lechat, 2020; Sothmann, 2020), or comments received in conversations on Twitter. Additional references were added for species which required further information for their identification.

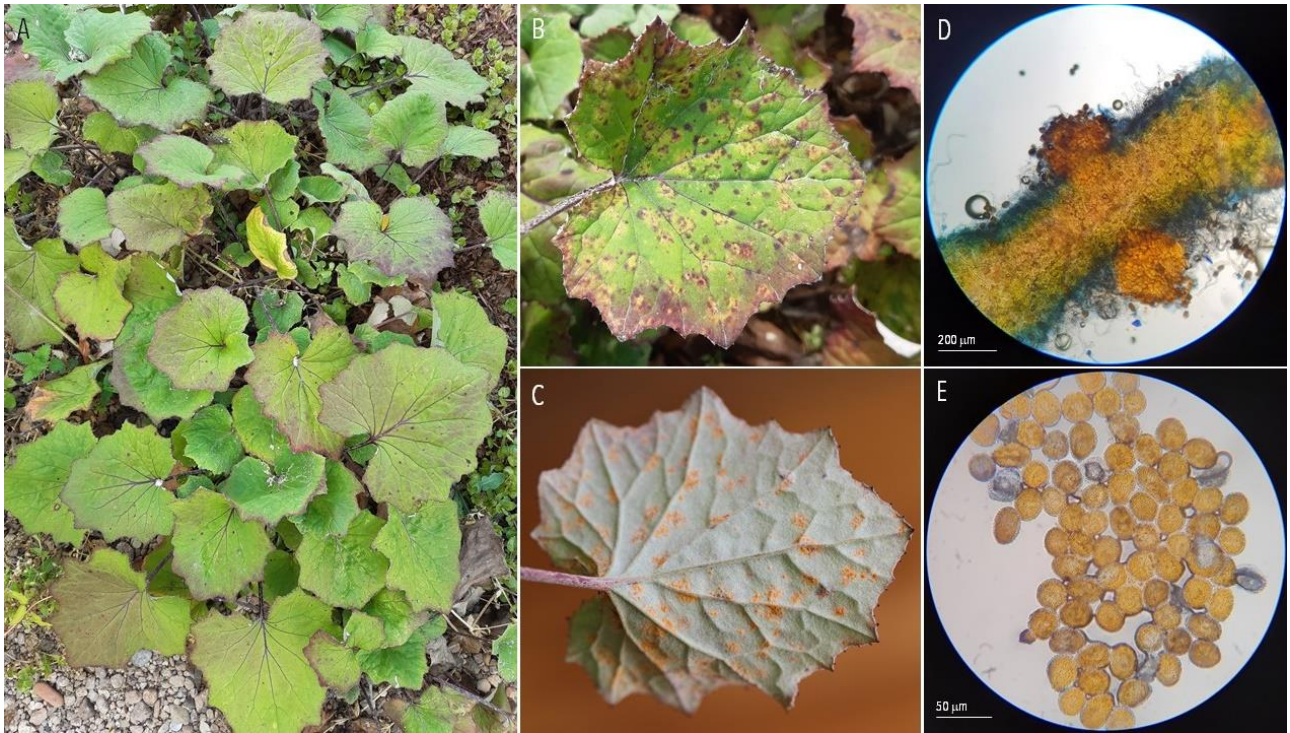
1 | RUSTS | *Coleosporium senecionis* ex *Senecio inaequidens* (narrow-leaved ragwort)

A. Diseased leaves. B. Uredinia and telia. C. Urediniospores. D. Teliospores. Villeneuve-Tolosane, 2020-04-06.

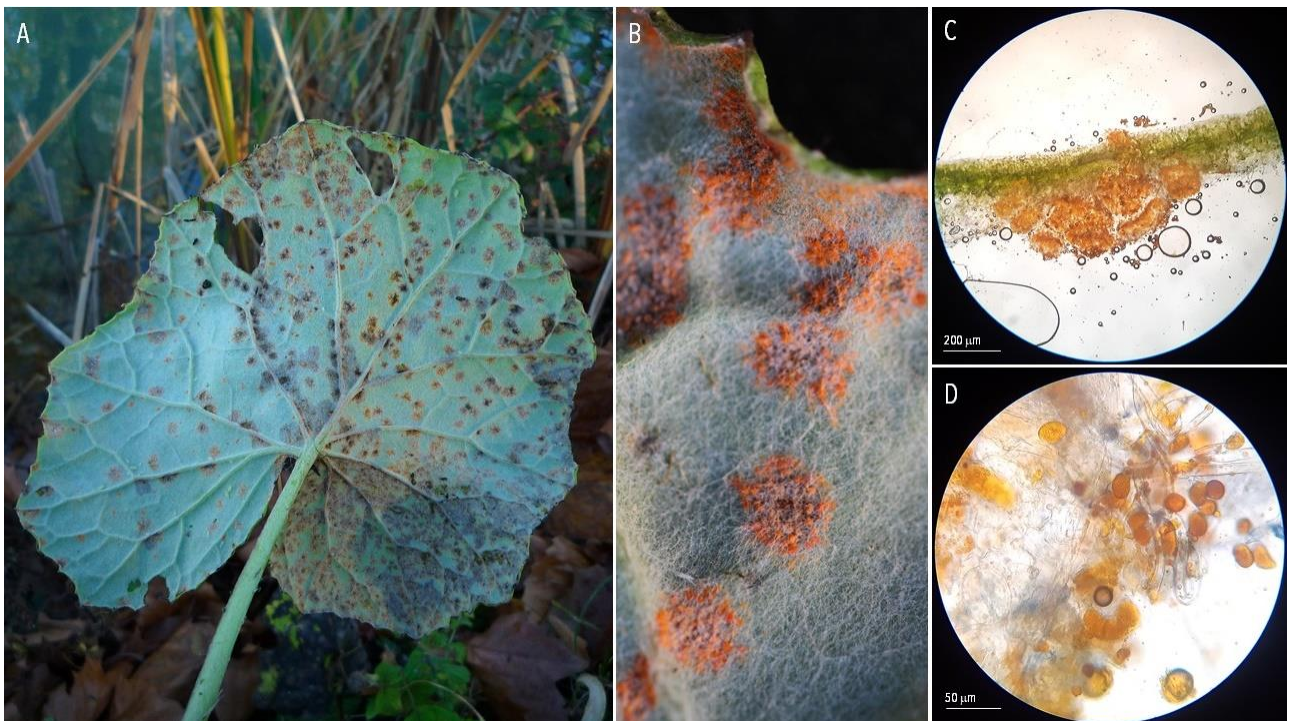


2 | RUSTS | *Coleosporium tussilaginis*(?) ex *Tussilago farfara* (coltsfoot)

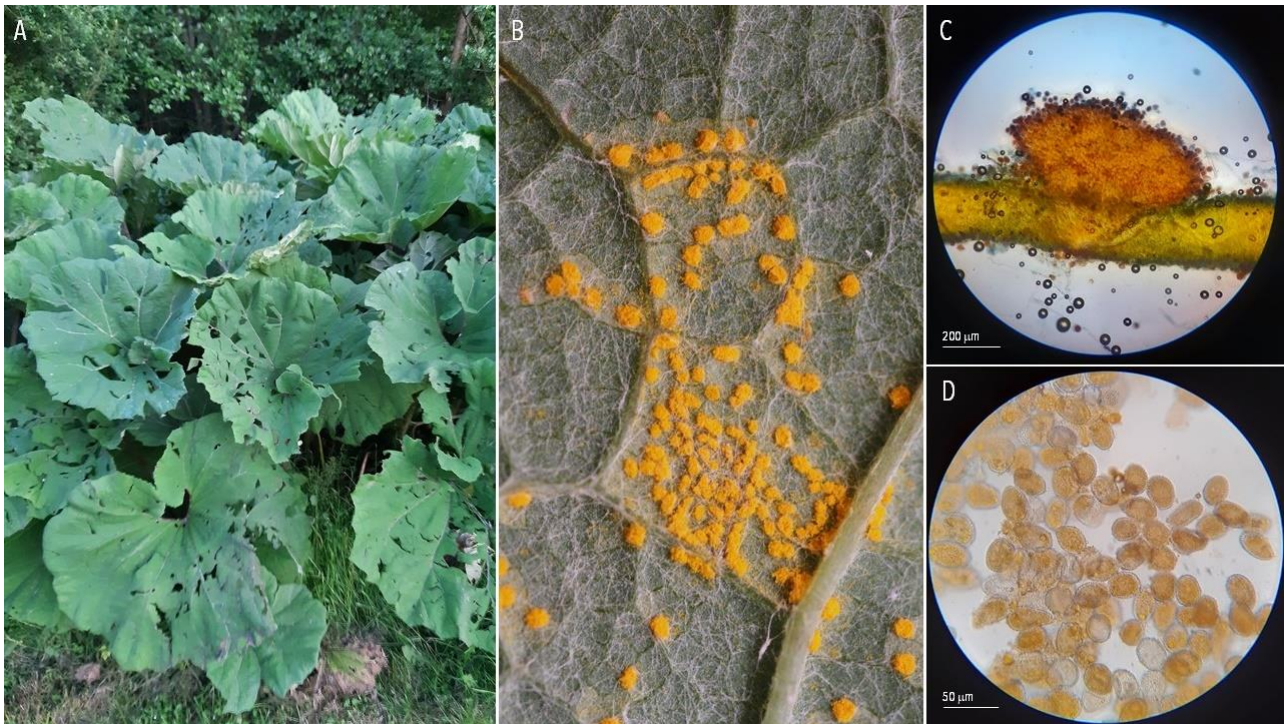
A-B. Diseased leaves. C-D. Uredinia. E. Urediniospores. Sermizelles, 2020-08-18 ; Les Clayes-sous-Bois, 2020-09-19.



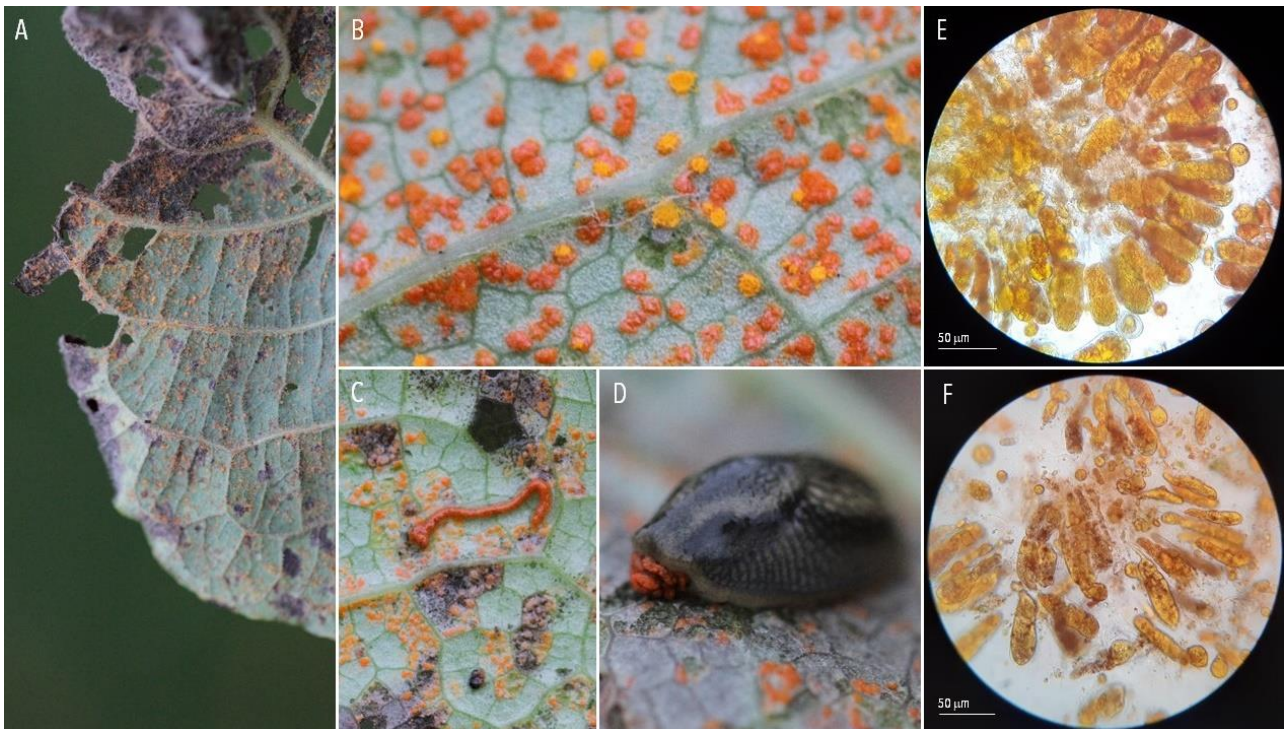
A. Diseased leaf. B-D. Telia. E. Teliospores. Les Clayes-sous-Bois, 2020-09-19.



A. Diseased leaves. B-D. Uredinia. E. Urediniospores. Les Clayes-sous-Bois, 2020-06-07.

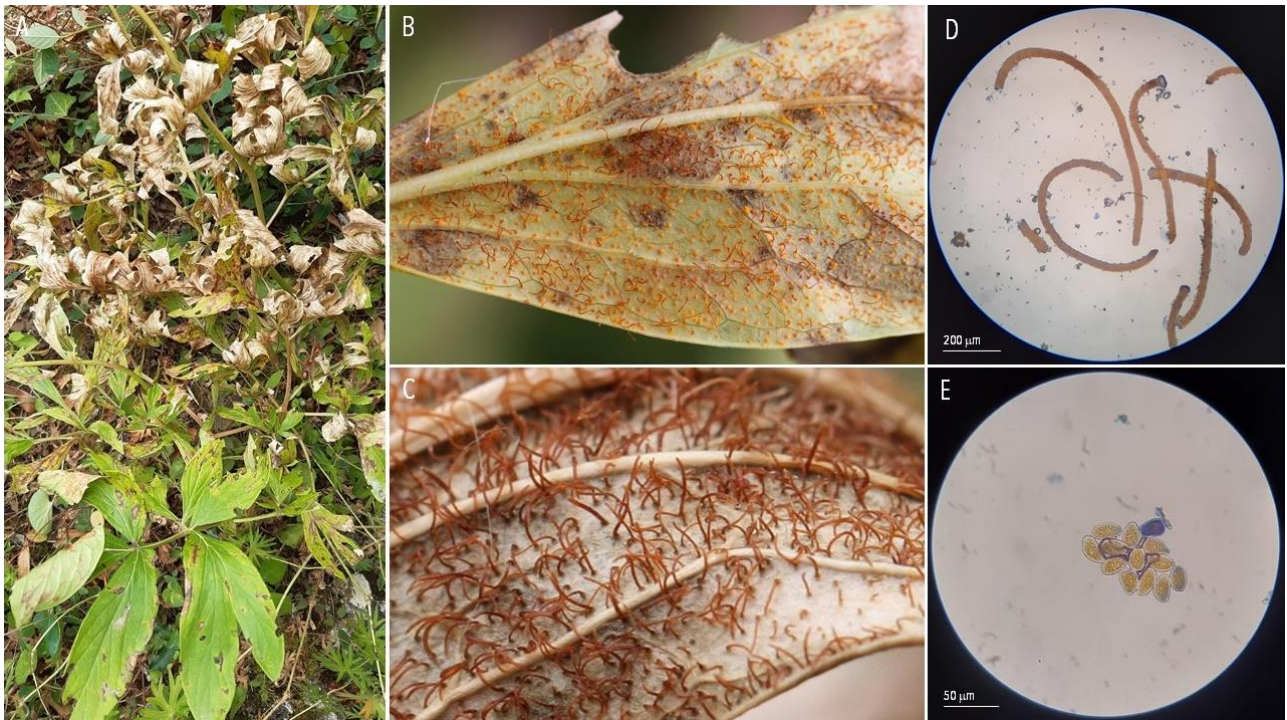


A. Diseased leaf. B. Uredinia (light orange) and telia (dark orange). C-D. Slug and its excrements. E. Teliospores. F. Teliospores in slug excrements. Les Clayes-sous-Bois, 2020-06-07 (Ramsell & Paul, 1990; Hajian-Forooshani et al., 2020).



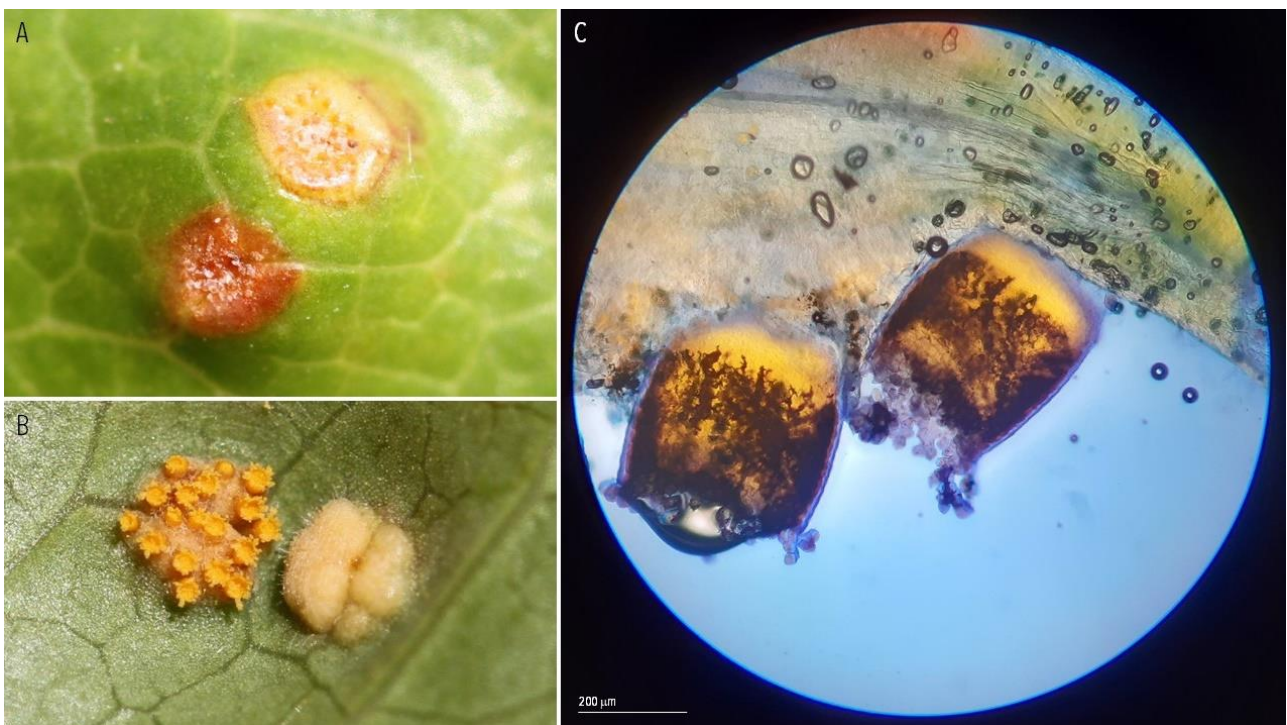
4 | RUSTS | *Cronartium flaccidum* ex *Paeonia lactiflora* (common garden peony)

A. Diseased plant. B-C. Uredinia and telia. D. Telial columns and teliospores. E. Urediniospores. Villeneuve Tolosane, 2020-08-02.

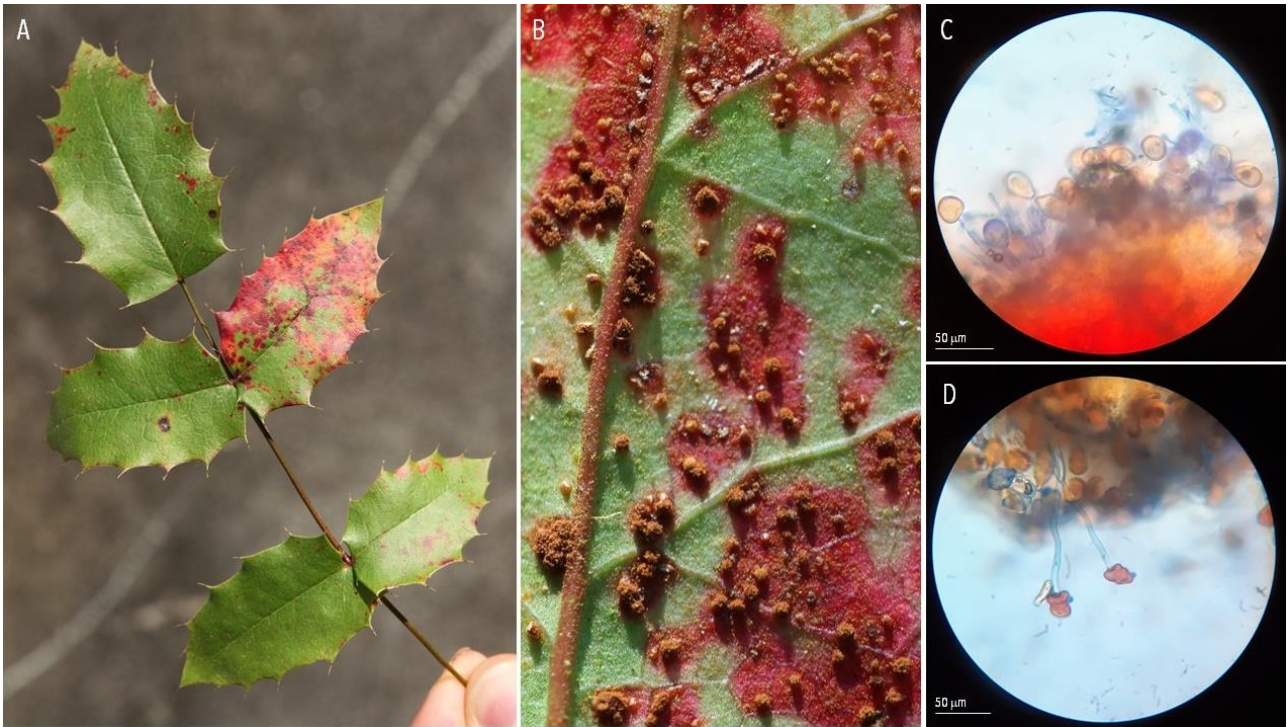


5 | RUSTS | *Cumminsella mirabilissima* ex *Mahonia aquifolium* syn. *Berberis aquifolium* (oregon grape)

A. Pycnia. B-C. Aecia and aeciospores. Thiverval-Grignon, 2020-04-13.

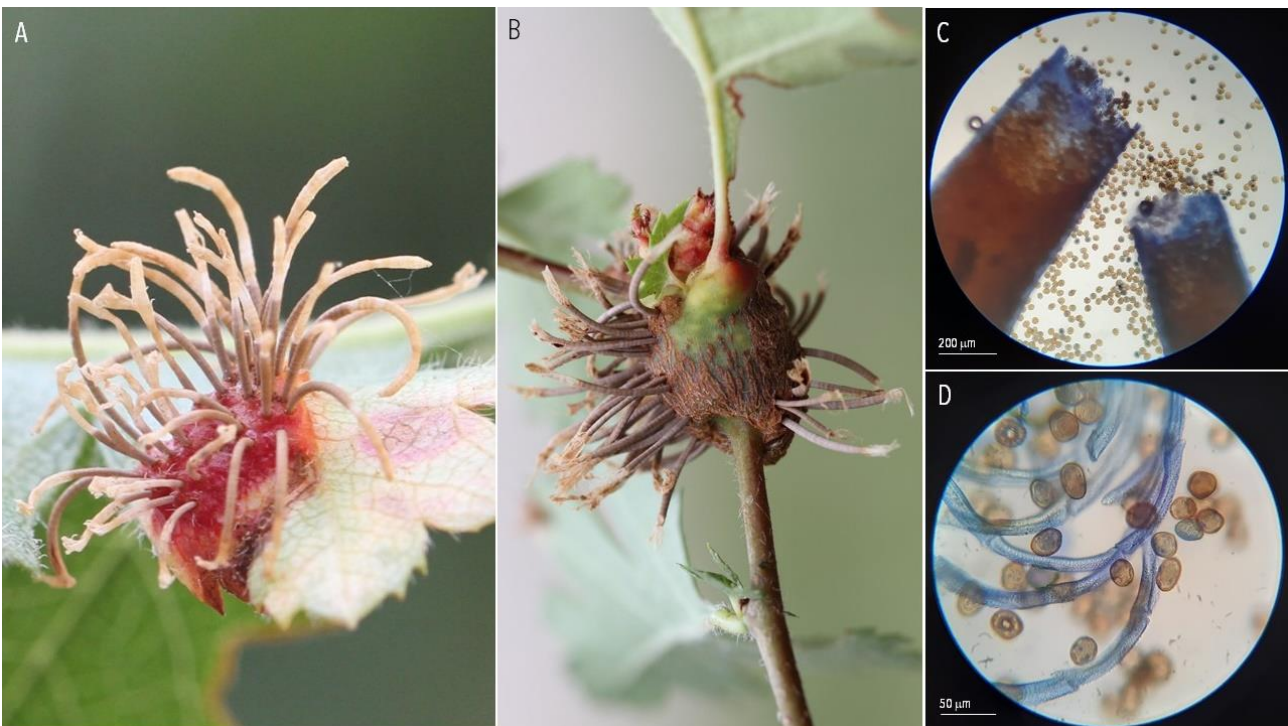


A. Diseased plant. B. Uredinia and telia. C. Urediniospores. E. Teliospores. Les Clayes-sous-Bois, 2020-05-18 ; Thiverval-Grignon, 2020-04-13.



6 | RUSTS | *Gymnosporangium clavariiforme* ex *Crataegus monogyna* (common hawthorn) and *Juniperus communis* (common juniper)

A-B. Peridia on diseased leaf and stems (*Crataegus monogyna*). C-D. Aeciospores. Millau, 2020-07-17.

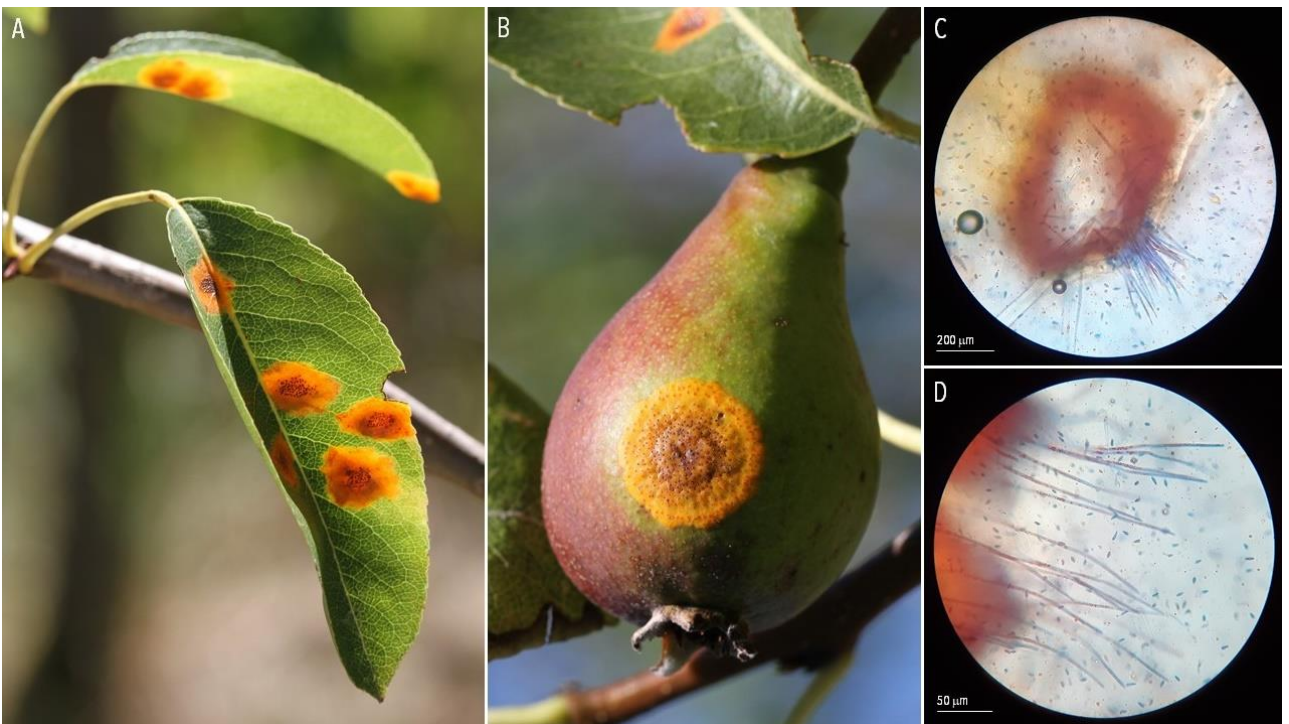


A-B. 'Telial horns' on branch (*Juniperus communis*). C-D. Teliospores. L'hospitalet-du-Larzac, 2021-04-12.



7 | RUSTS | *Gymnosporangium sabinae* ex *Pyrus communis* (European pear)

A. Diseased leaves. B. Pycnia on a fruit. C-D. Flexuous hyphae and pycnia. Millau, 2020-05-27.

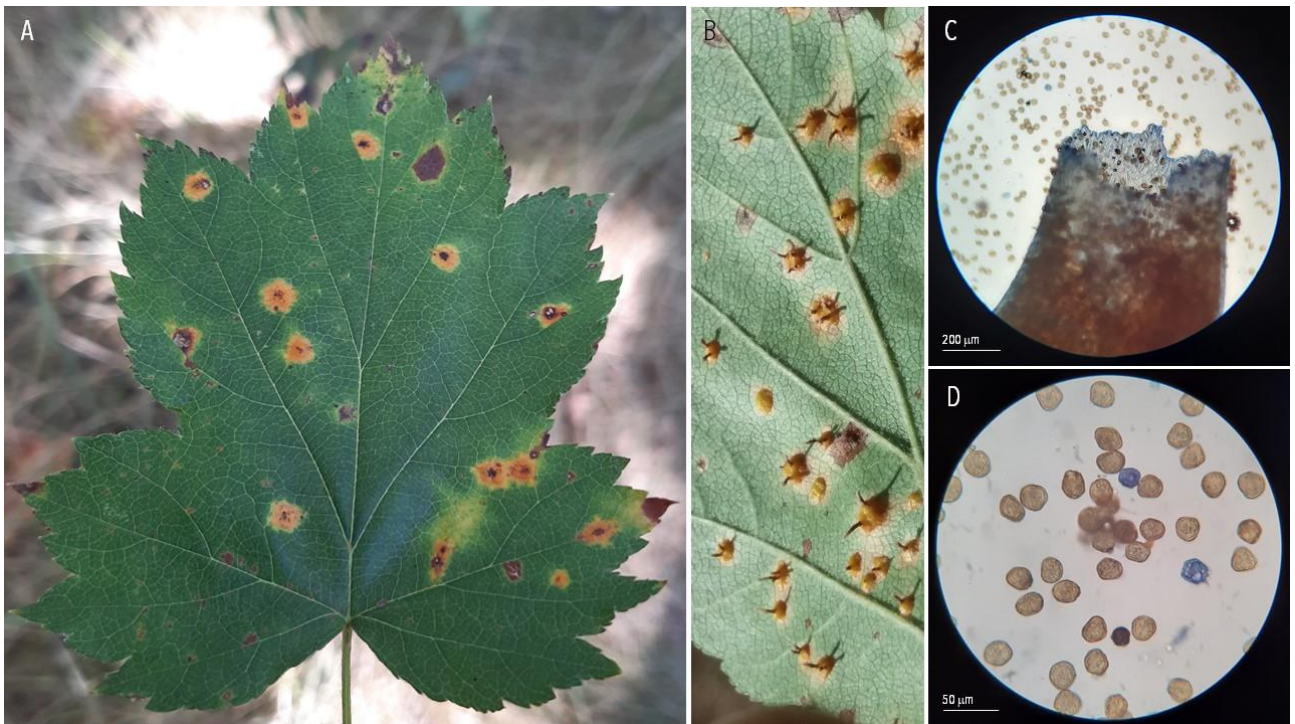


A-B. Aecia. C-D. Aeciospores. Les Clayes-sous-Bois, 2020-10-03.



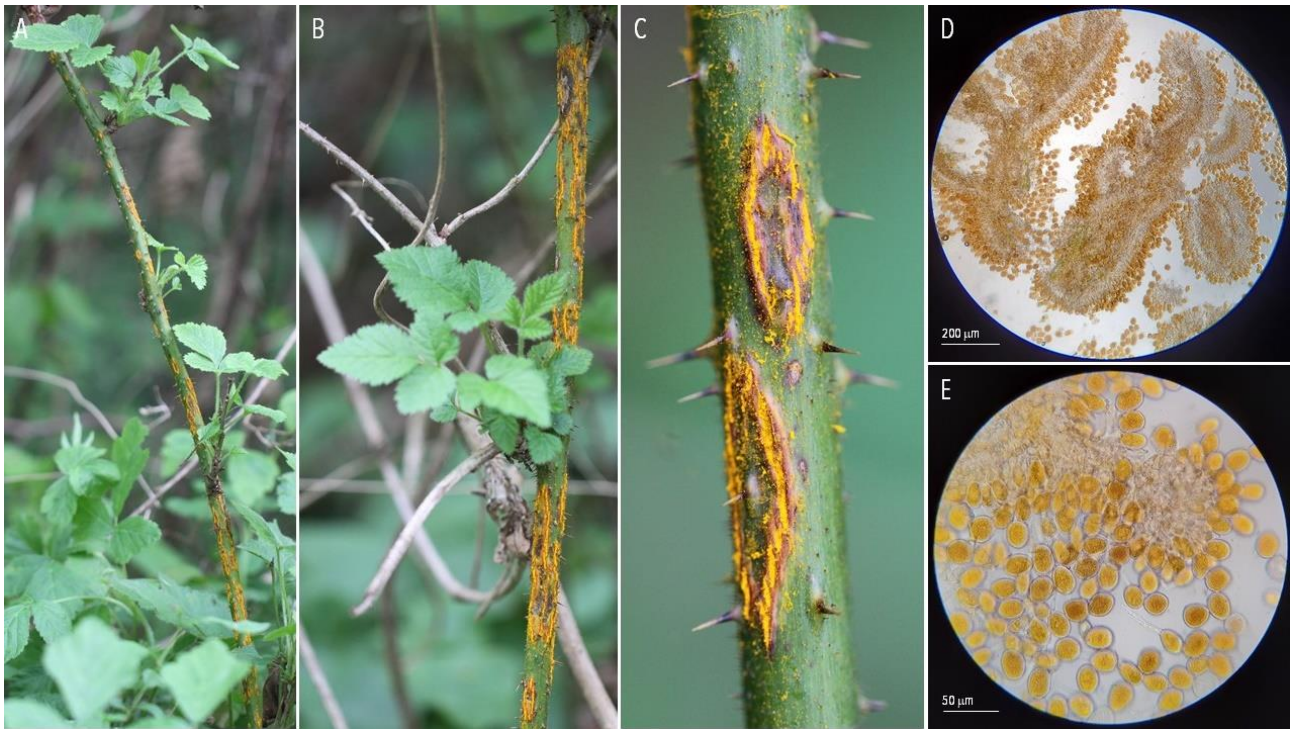
8 | RUSTS | *Gymnosporangium torminali-juniperum* ex *Sorbus torminalis* (wild service tree)

A-B. Aecia. C-D. Aeciospores. Saint-Chels, 2020-08-08.



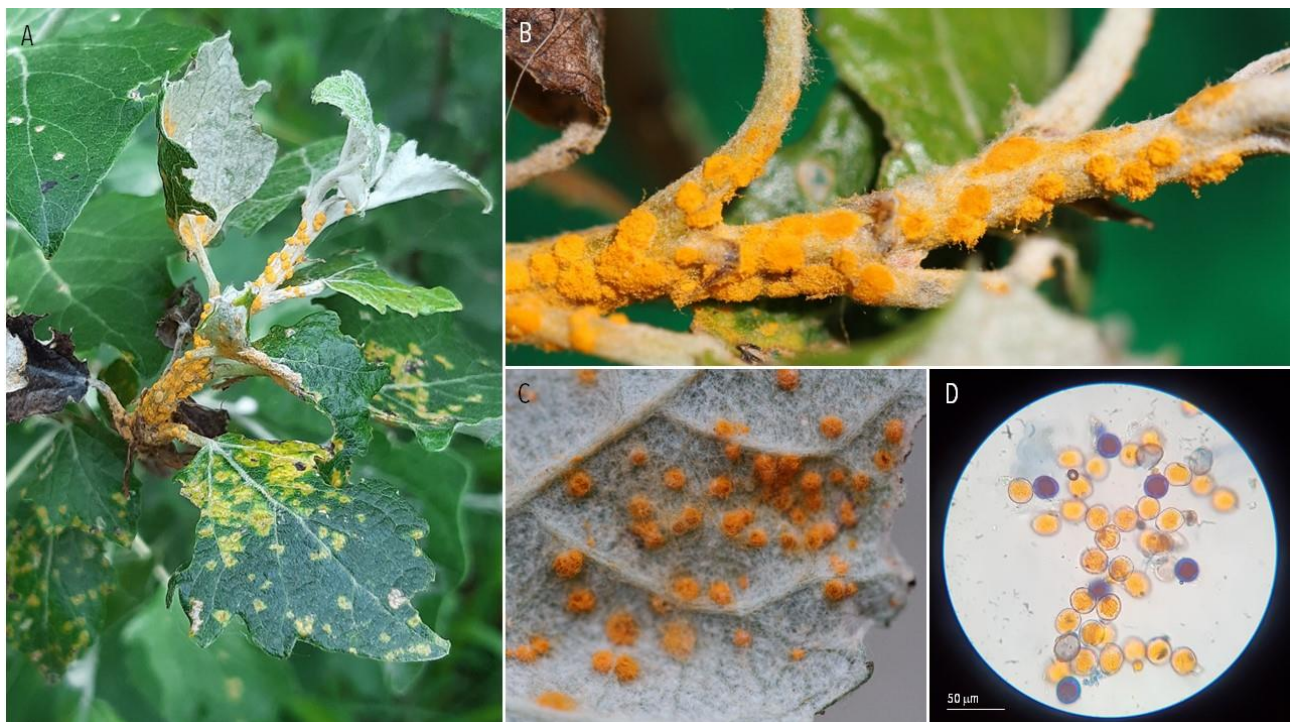
9 | RUSTS | *Kuehneola uredinis* ex *Rubus fruticosus* (blackberry)

A-C. Diseased stems. D-E. Urediniospores. Les Clayes-sous-Bois, 2020-04-29.

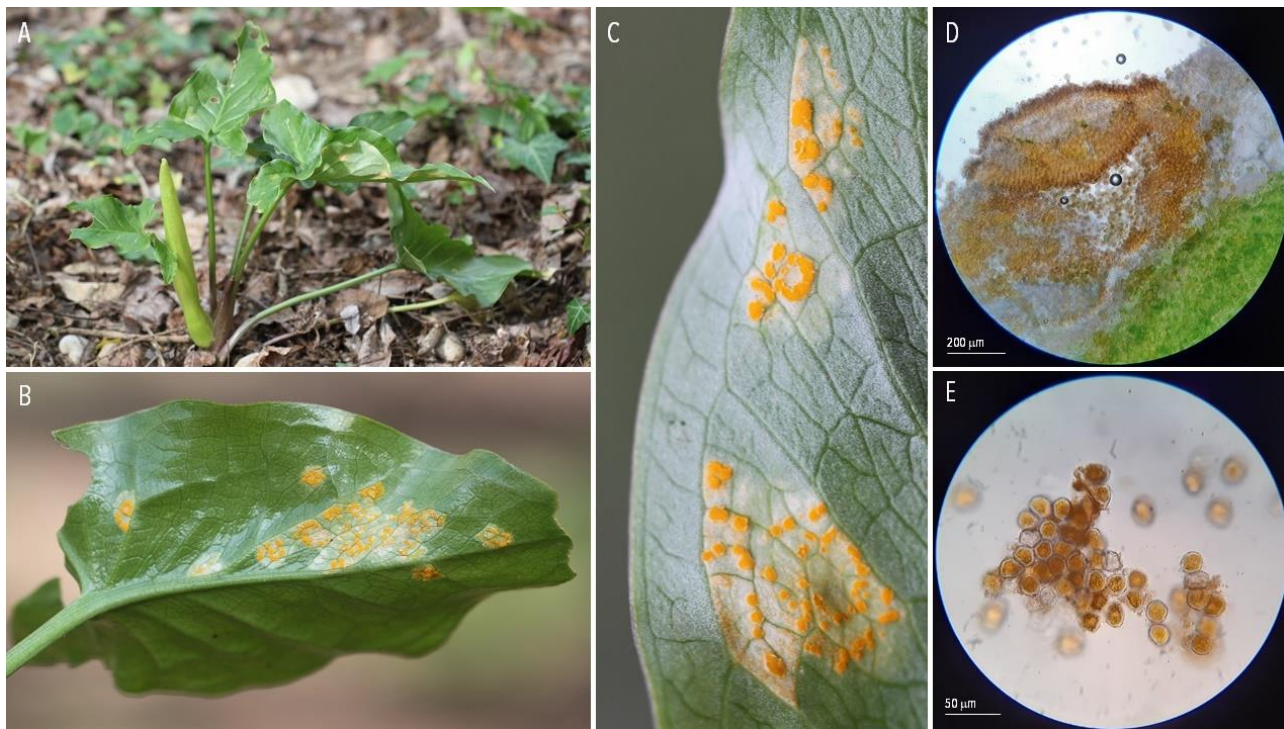


10 | RUSTS | *Melampsora aecidioides* ex *Populus alba* (white poplar)

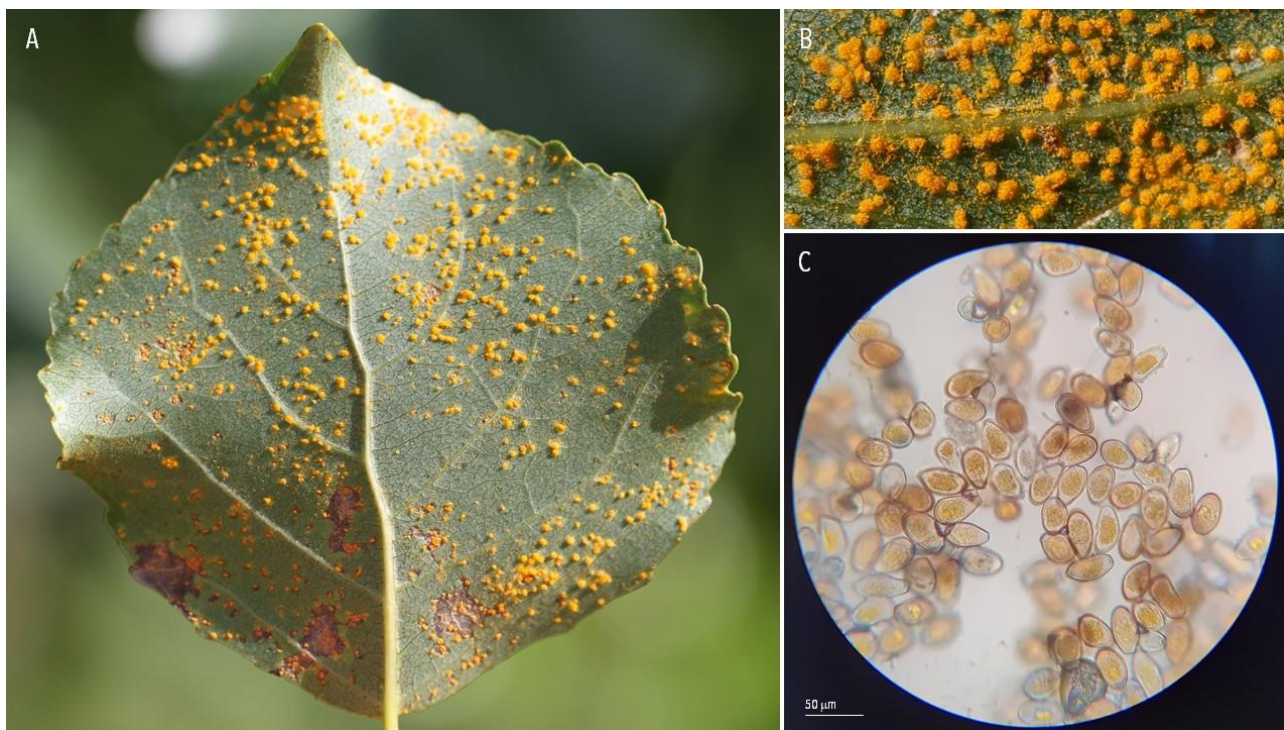
A. 'Flag-shoot' symptom. B-C. Uredinia. D. Urediniospores. Les Clayes-sous-Bois, 2020-05-16 ; Choisel, 2020-06-07; Villeneuve-Tolosane, 2021-04-05 (Pei & McCracken, 2005; Vialle et al., 2013).



A-B. Diseased leaf (*Arum maculatum*). C-D. Aecia (caeoma-type). E. Aeciospores. Massebiau, 2021-04-16.

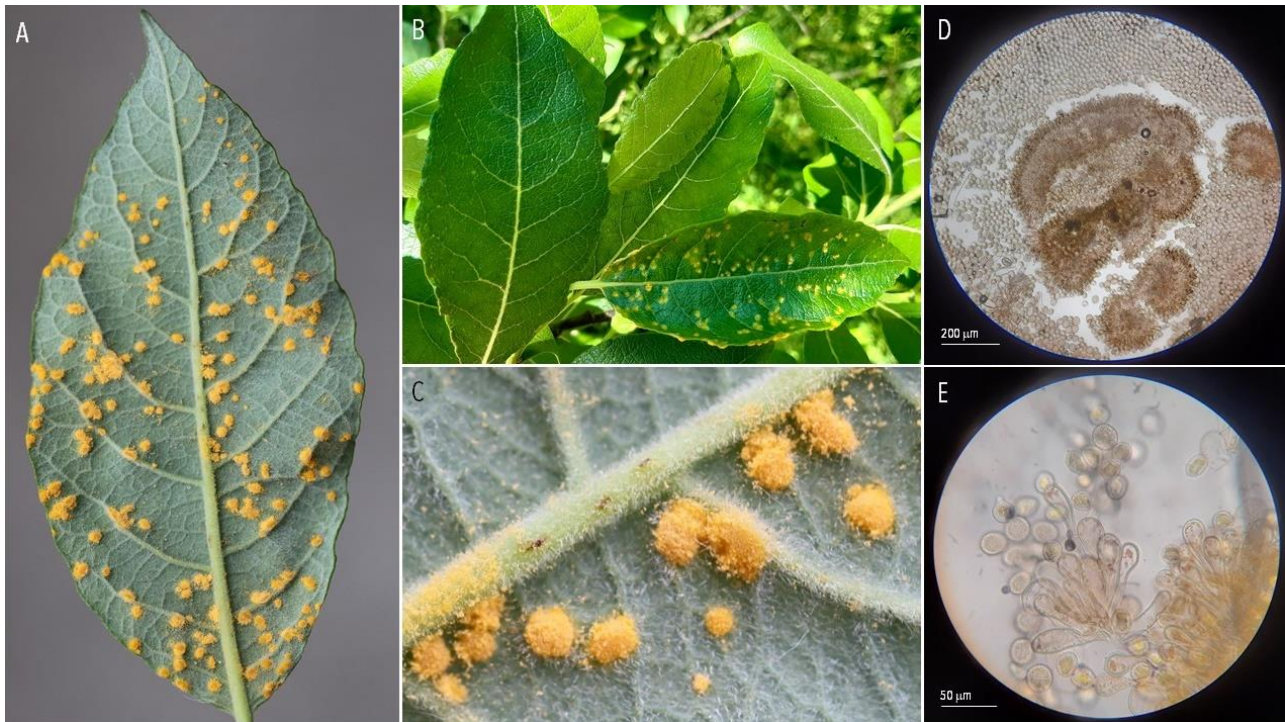


A. Diseased leaf (*Populus nigra*). B. Uredinia. C. Urediniospores. Aguessac, 2020-08-11 (Pei & McCracken, 2005; Vialle et al., 2013).



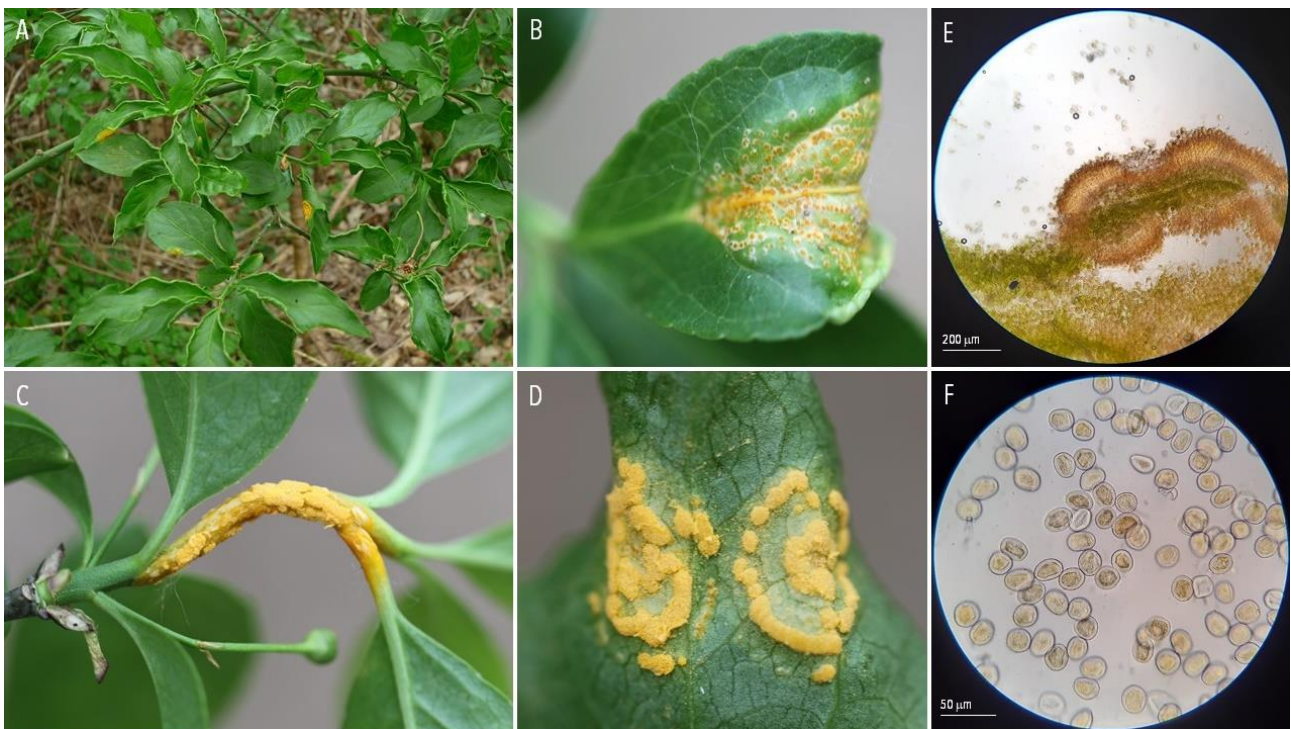
12 | RUSTS | *Melampsora caprearum* (?) ex *Salix caprea* (goat willow)

A-B. Diseased leaves. C-D. Uredinia. E. Paraphyses and urediniospores. Plaisir, 2020-05-16 (Pei & McCracken, 2005).



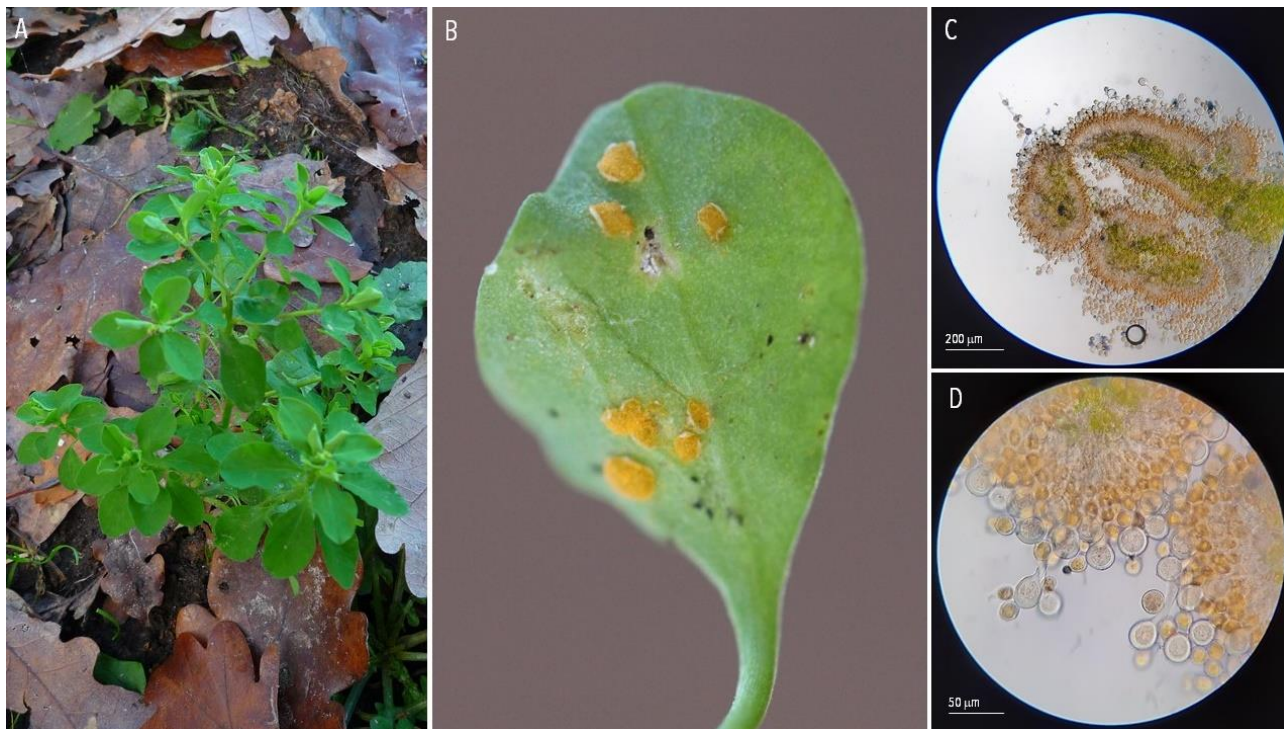
13 | RUSTS | *Melampsora euonymi-caprearum* ex *Euonymus europaeus* (common spindle)

A. Diseased plant. B. Pycnia. C-E. Aecia (caeoma-type). F. Aeciospores. Les Clayes-sous-Bois, 2021-04-28.



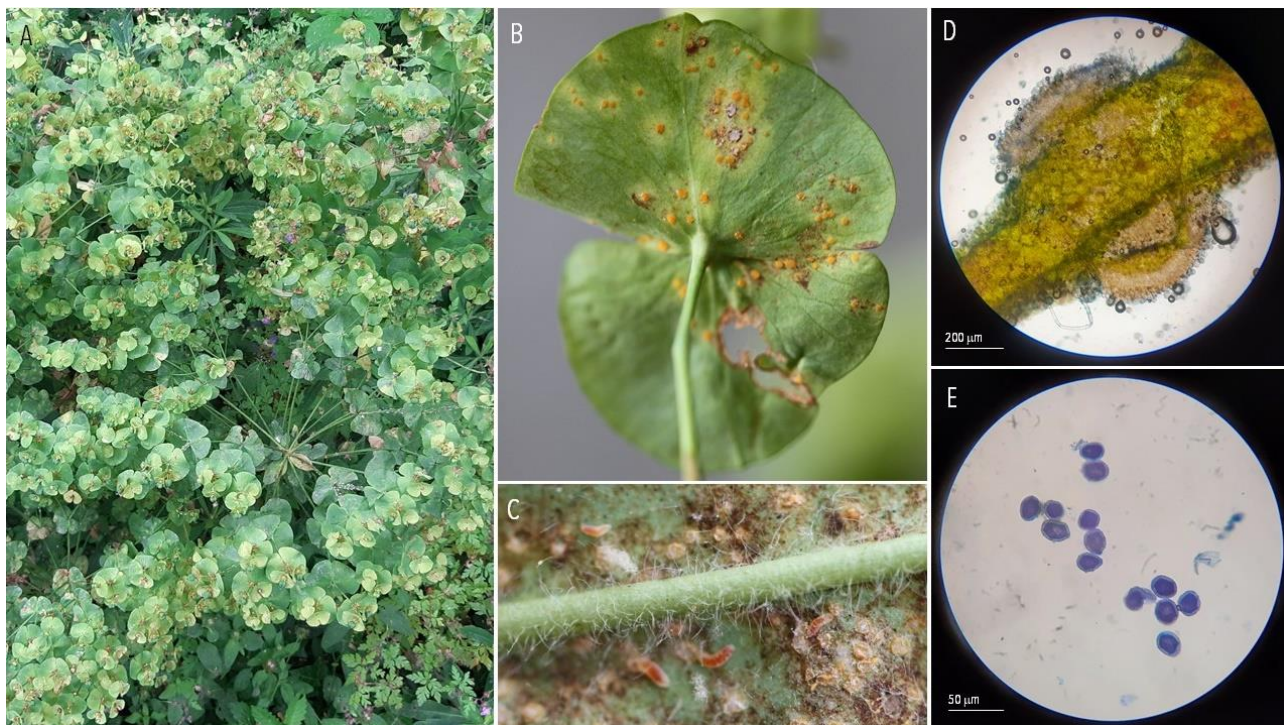
14 | RUSTS | *Melampsora euphorbiae* ex *Euphorbia peplus* (petty spurge)

A. Diseased plant. B-C. Uredinia. D. Urediniospores and paraphyses. Les Clayes-sous-Bois, 2020-12-20 ; Millau, 2020-12-26.



15 | RUSTS | *Melampsora euphorbiae-amygdaloidis* ex *Euphorbia amygdaloides* (wood spurge)

A-B. Diseased plant. C. Larvae of *Mycodiplosis* sp. feeding on uredinia. D. Uredinia. E. Urediniospores. Choisel, 2020-06-07 (Henk et al., 2011).



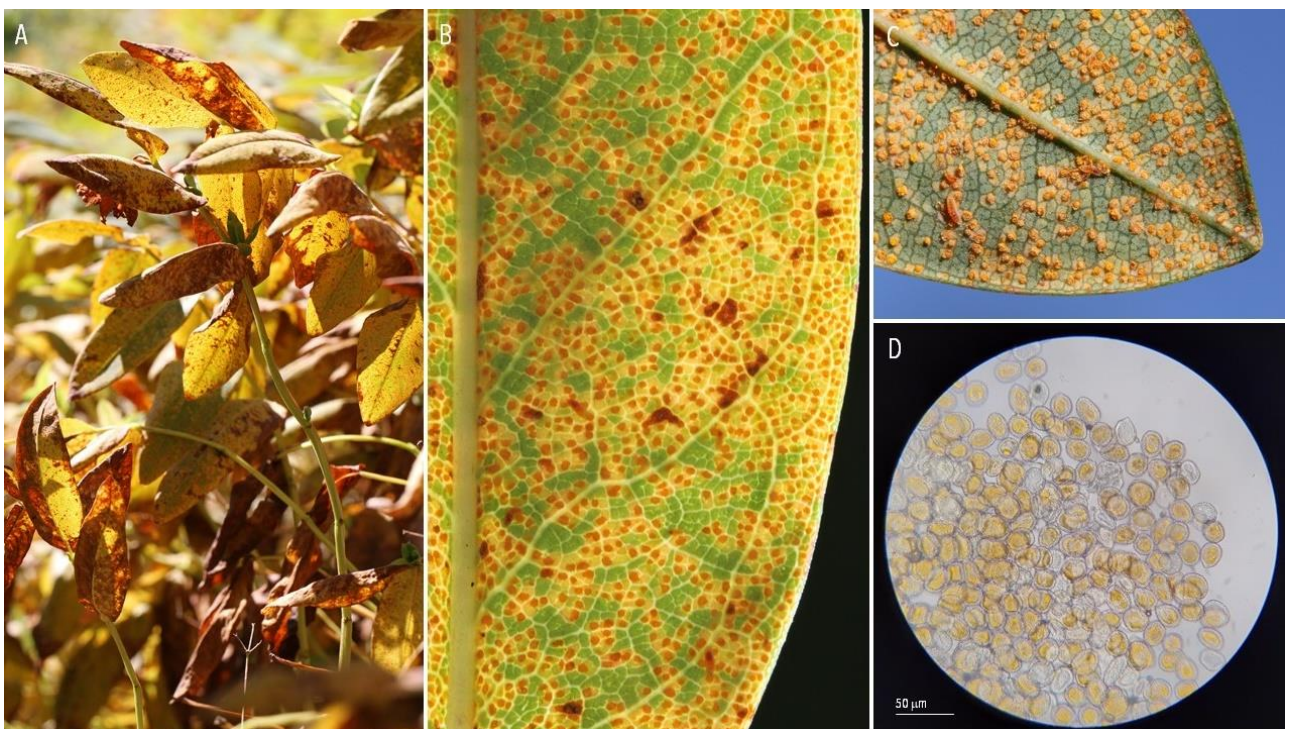
16 | RUSTS | *Melampsora euphorbiae-dulcis* ex *Euphorbia lathyris* (caper spurge)

A-B. Diseased plant. C. Aecia (caeoma-type). D. Larvae of *Mycodiplosis* sp. feeding on aecia. E. Aecia. E. Aeciospores. Saint-Germain-en-Laye, 2021-06-06.



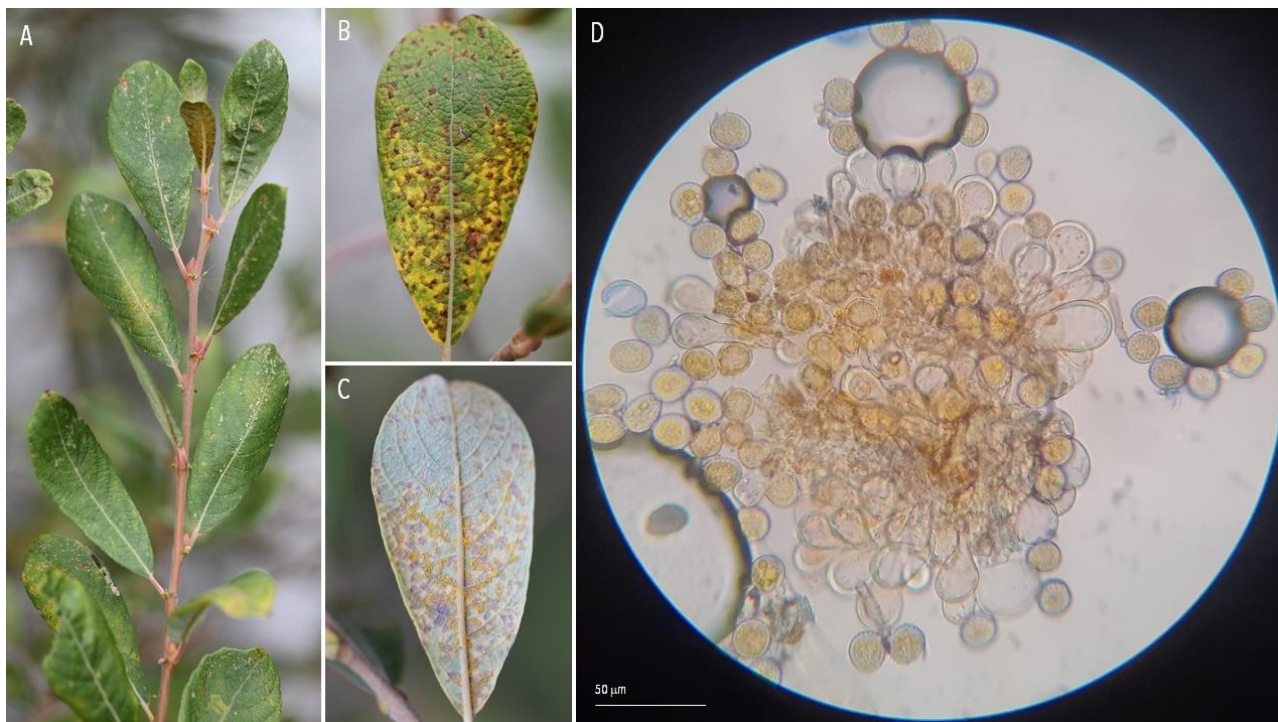
17 | RUSTS | *Melampsora hypericorum* ex *Hypericum perforatum* (St. John's wort)

A-B. Diseased plant. C. Larvae of *Mycodiplosis* sp. feeding on uredinia. D. Urediniospores. Millau, 2020-07-12; Thiverval-Grignon, 2020-05-09.



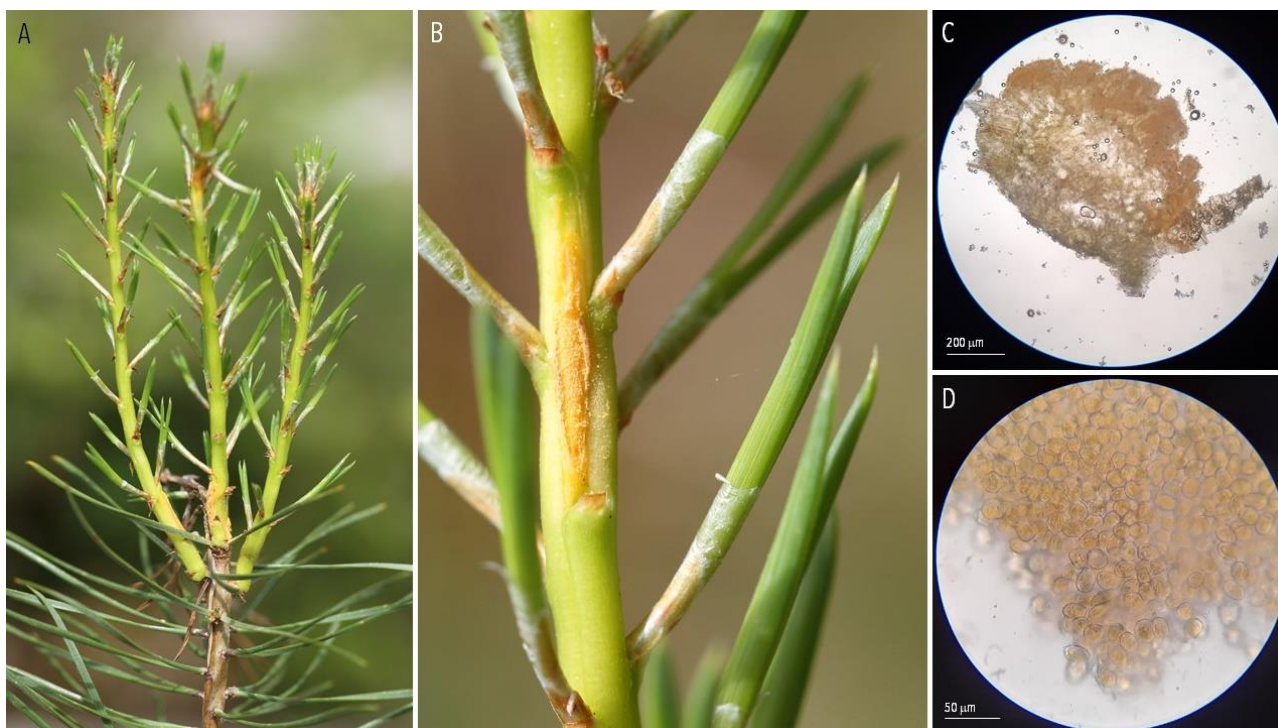
18 | RUSTS | *Melampsora larici-epitea*(?) ex *Salix cinerea* (grey willow)

A-B. Diseased leaves. C. Uredinia. D. Paraphyses and urediniospores. Les Clayes-sous-Bois, 2020-09-19; Choisel, 2020-06-07 (Pei & McCracken, 2005).



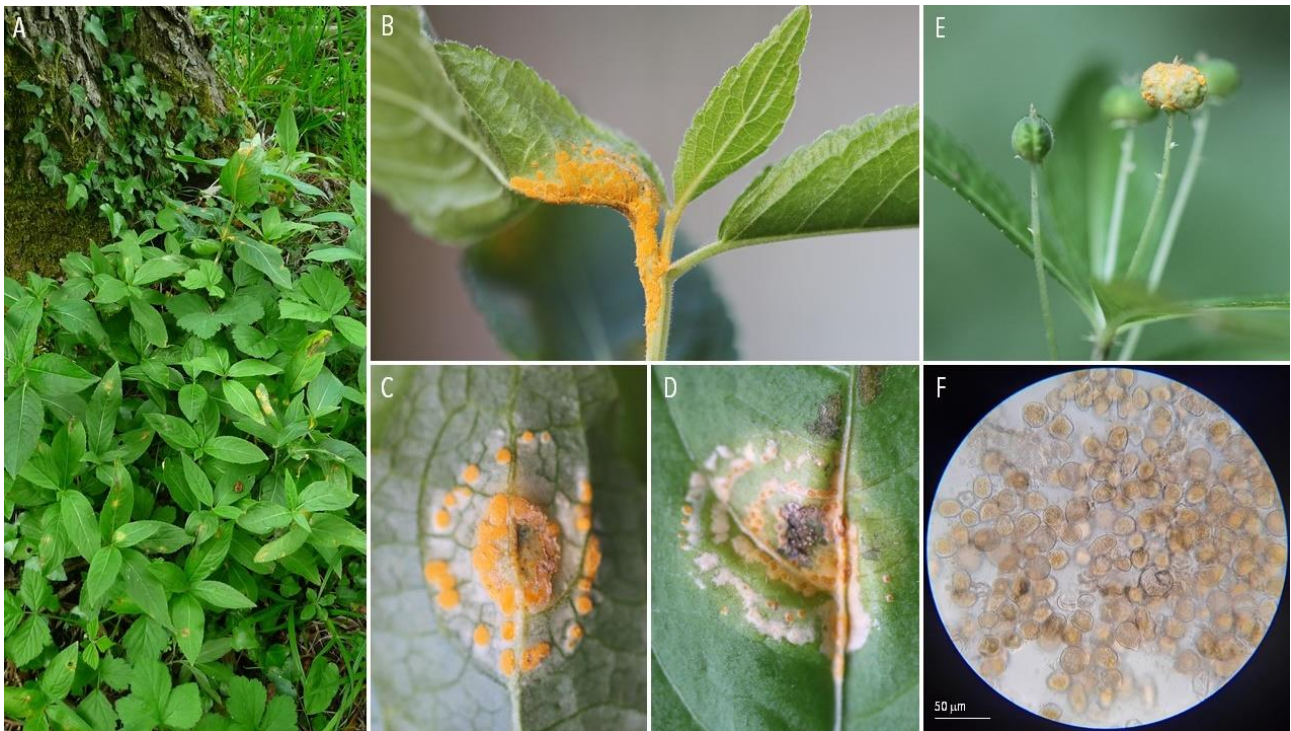
19 | RUSTS | *Melampsora pinitorqua* ex *Pinus sylvestris* (scots pine)

A. Diseased banch. B-C. Aecia (caeoma-type). D. Aeciospores. Limay, 2021-05-29.



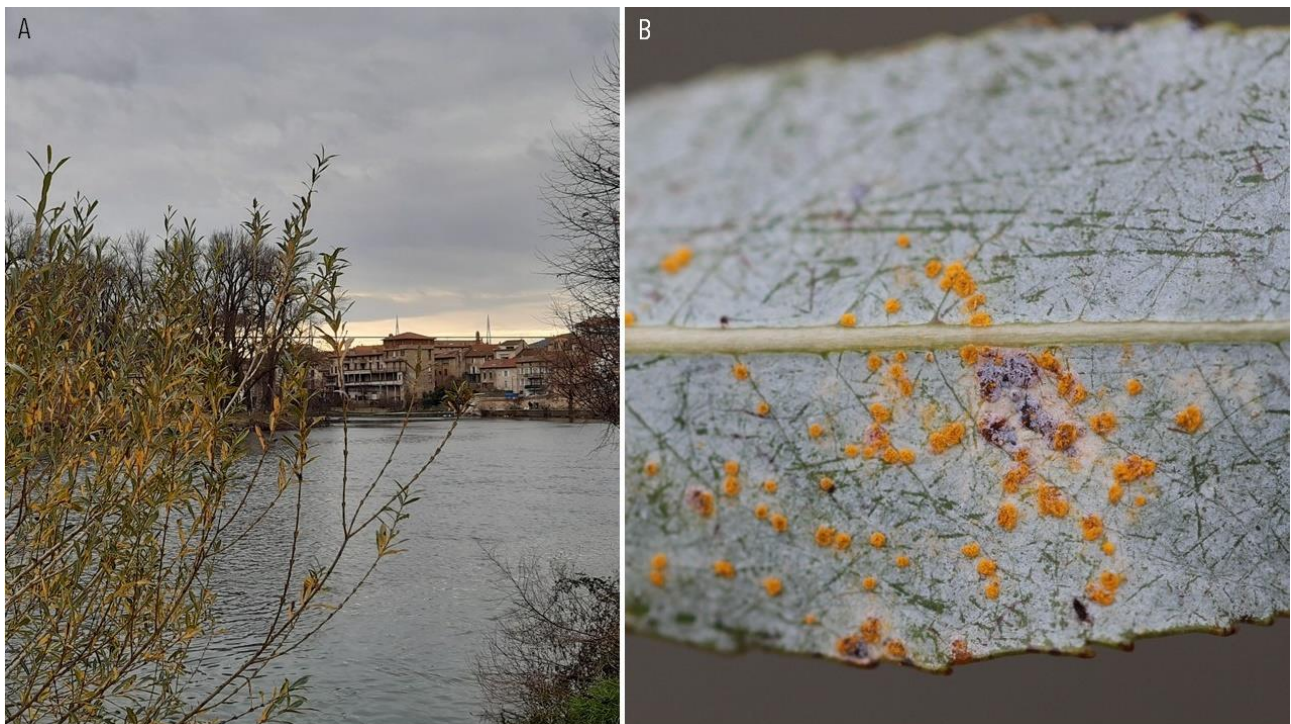
20 | RUSTS | *Melampsora rostrupii* ex *Mercurialis perennis* (dog's mercury)

A. Diseased plants. B. Aecia (caeoma-type). C-D. Pycnia surrounded by circle of aecia. E. Diseased fruit. F. Aeciospores. Versailles, 2021-05-14.



21 | RUSTS | *Melampsora salicis-albae* (?) ex *Salix alba* (white willow)

A. Diseased plant. B. Uredinia. Millau, 2021-01-04.



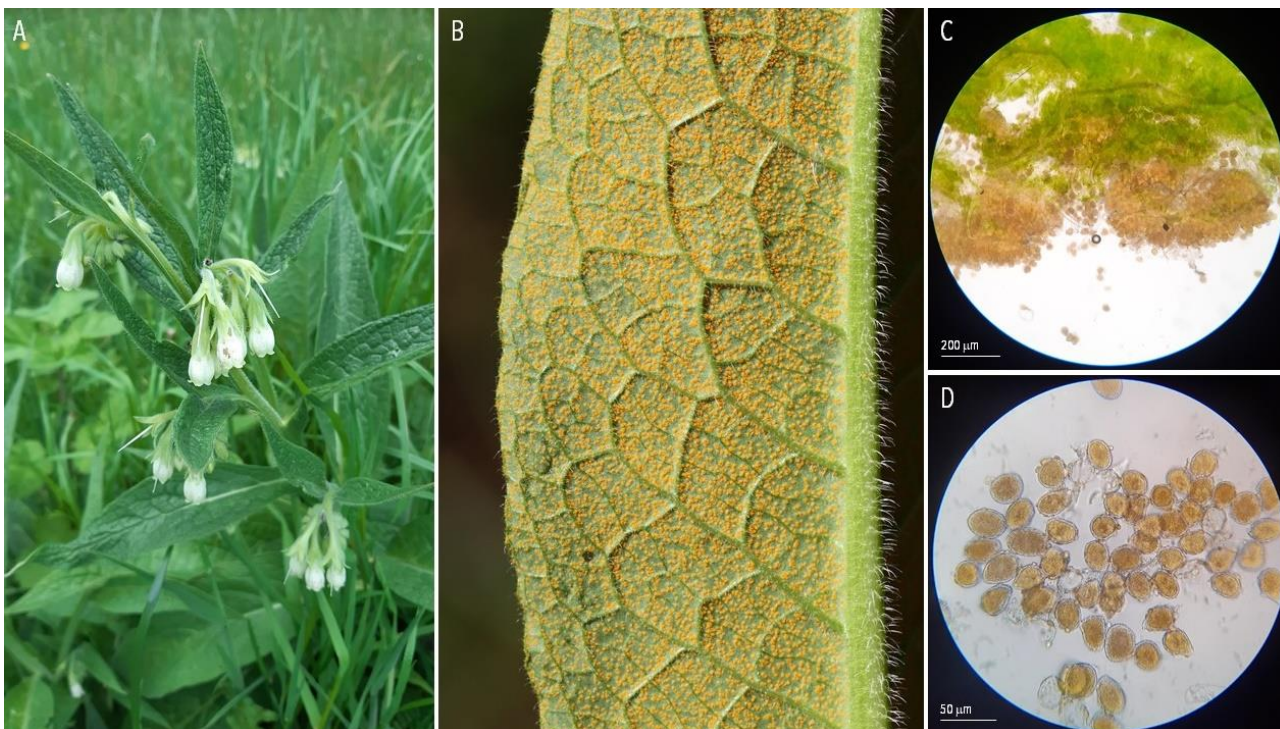
22 | RUSTS | *Melampsora* sp. (??) ex *Salix atrocinerea* (large gray willow)

A-B. Diseased leaf. C. Larva of *Mycodiplosis* sp. feeding on uredinia. C. Urediniospores. Les Clayes-sous-Bois, 2020-11-14 (Pei & McCracken, 2005; Henk et al., 2011).



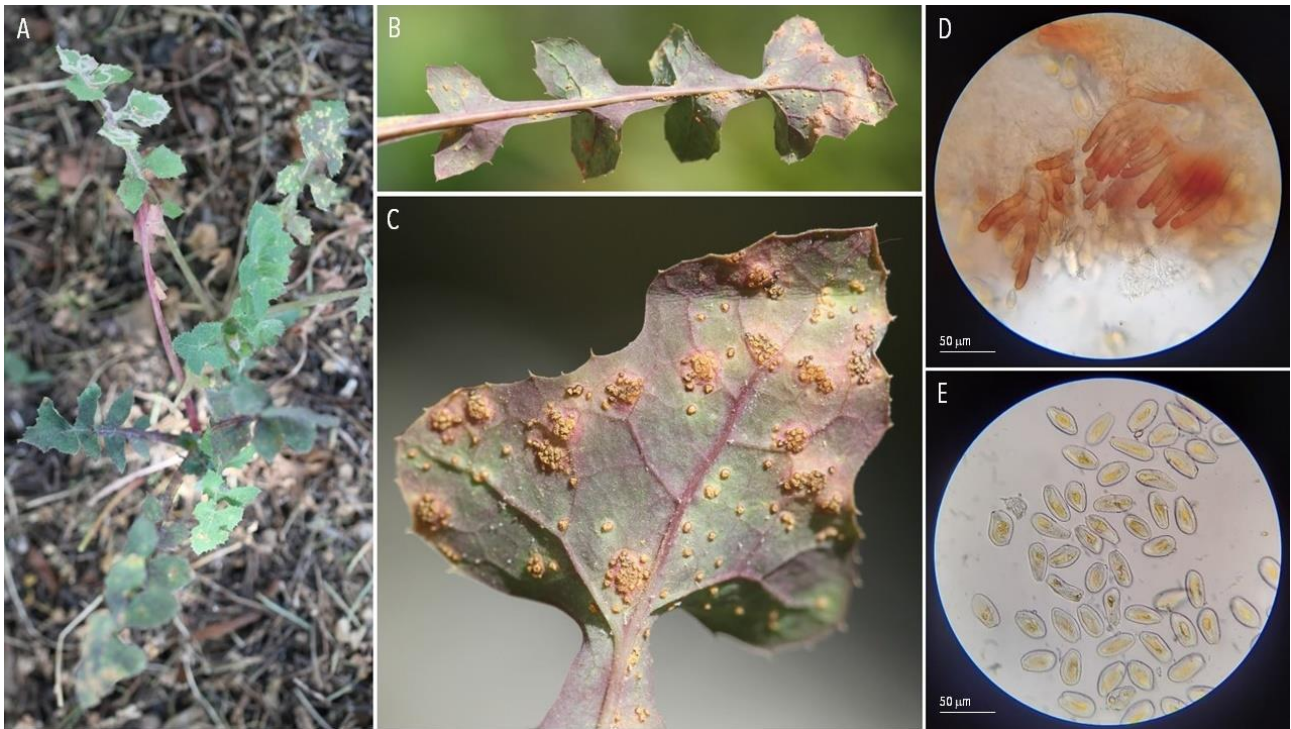
23 | RUSTS | *Melampsorella symphyti* ex *Symphytum officinale* (common comfrey)

A. Diseased plant. B-C. Uredinia. D. Urediniospores. Versailles, 2021-05-13; Les Clayes-sous-Bois, 2021-05-16.



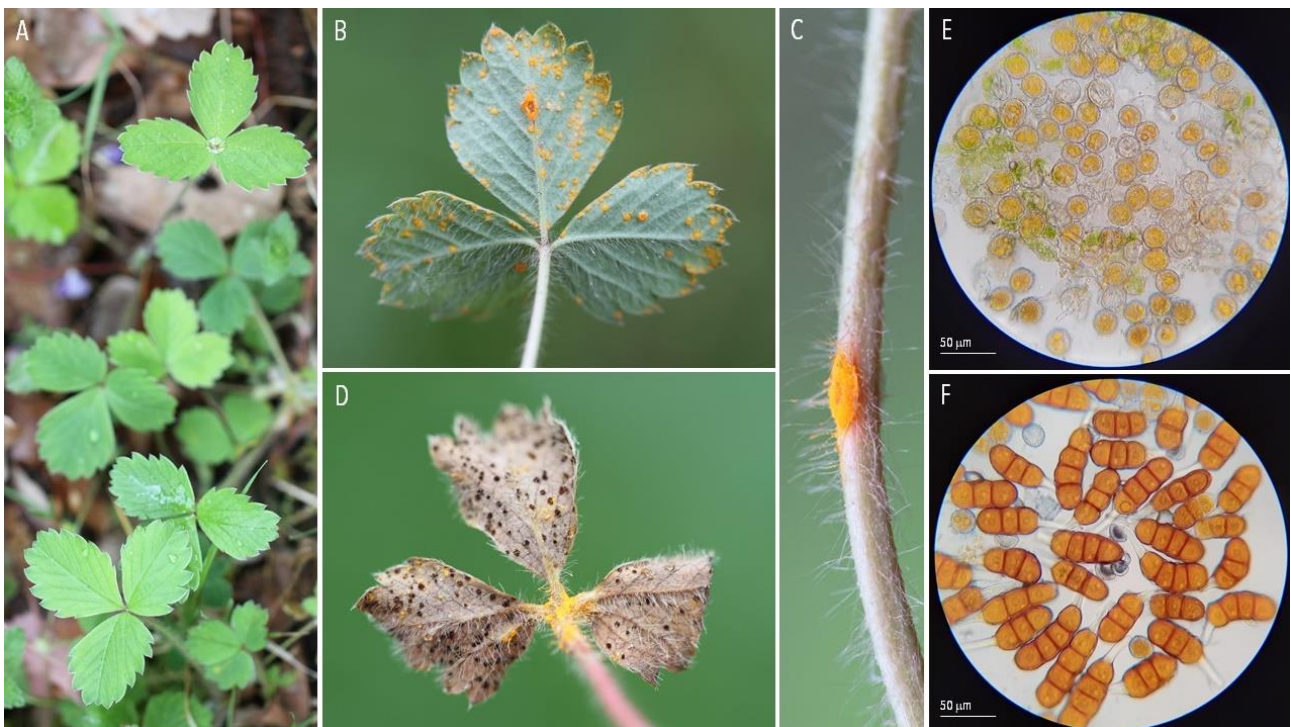
24 | RUSTS | *Miyagia pseudosphaeria* (syn. *Peristemma pseudosphaeria*) ex *Sonchus oleraceus* (common sowthistle)

A-B. Diseased plant. C. Uredinia. D. Paraphyses. E. Urediniospores. Villeneuve-Tolosane, 2021-04-05.

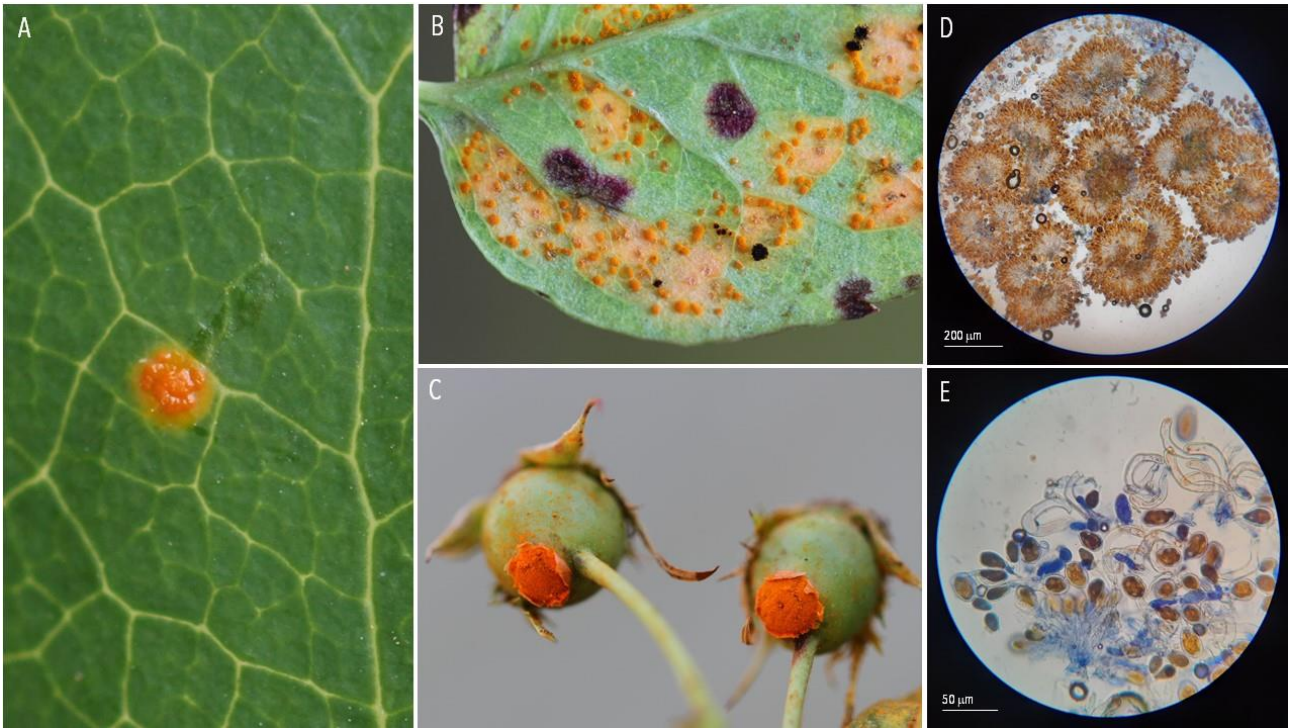


25 | RUSTS | *Phragmidium fragariae* ex *Potentilla sterilis* (strawberryleaf cinquefoil)

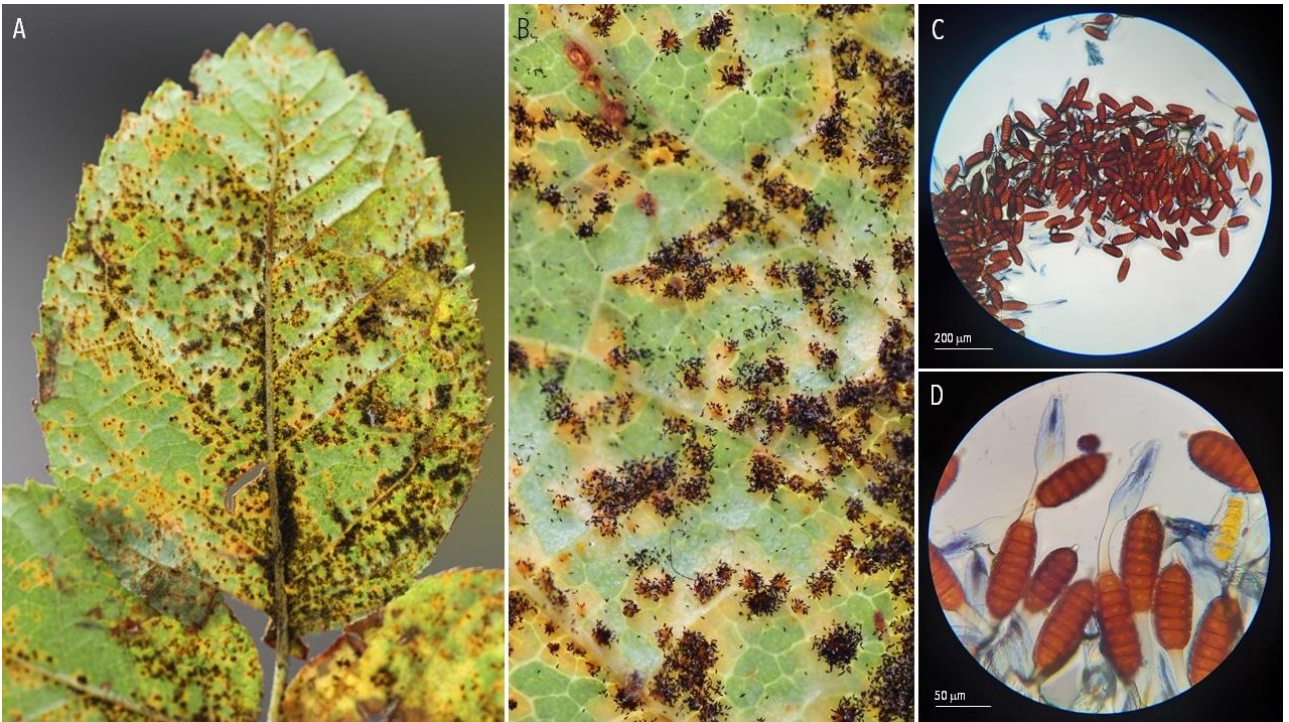
A. Diseased plant. B-C. Uredinia. D. Telia. E. Urediniospores. F. Teliospores. Les Clayes-sous-Bois, 2021-05-02.



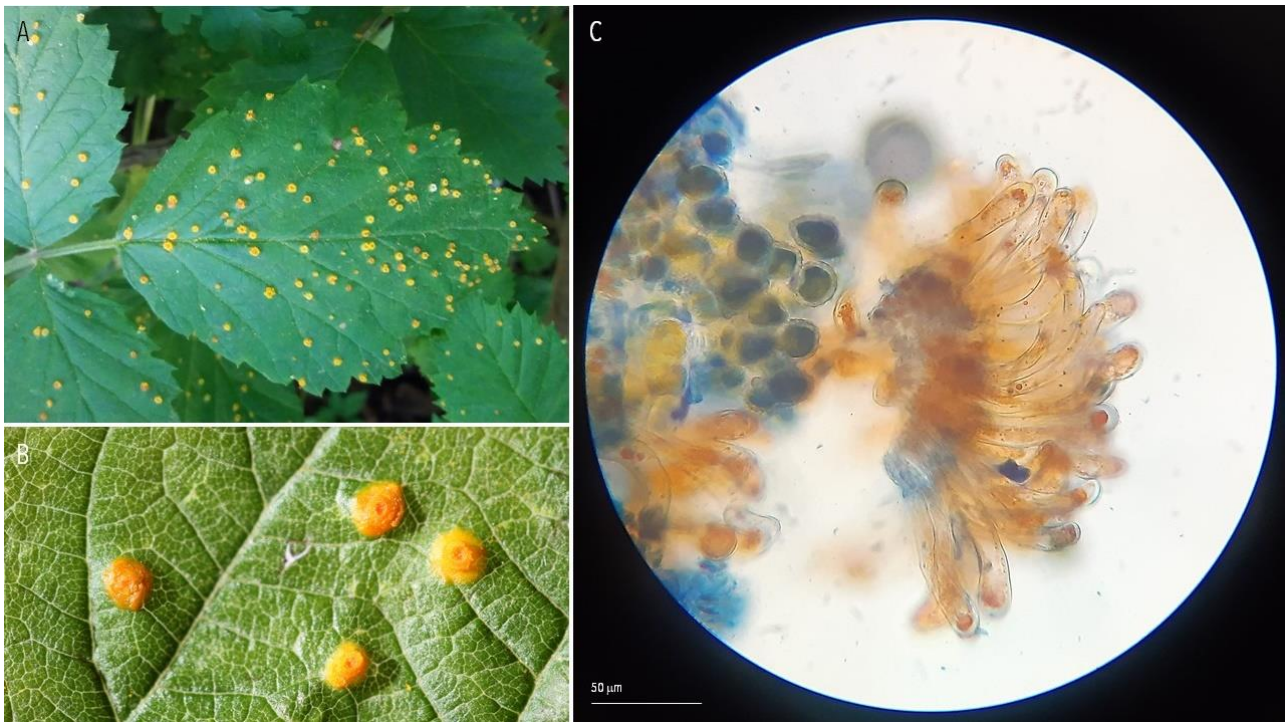
A. Pycnia. B-D. Uredinia. D. Paraphyses and urediniospores. Les Clayes-sous-Bois, 2020-05-02; Thiverval-Grignon, 2020-05-09; Millau, 2020-07-18.



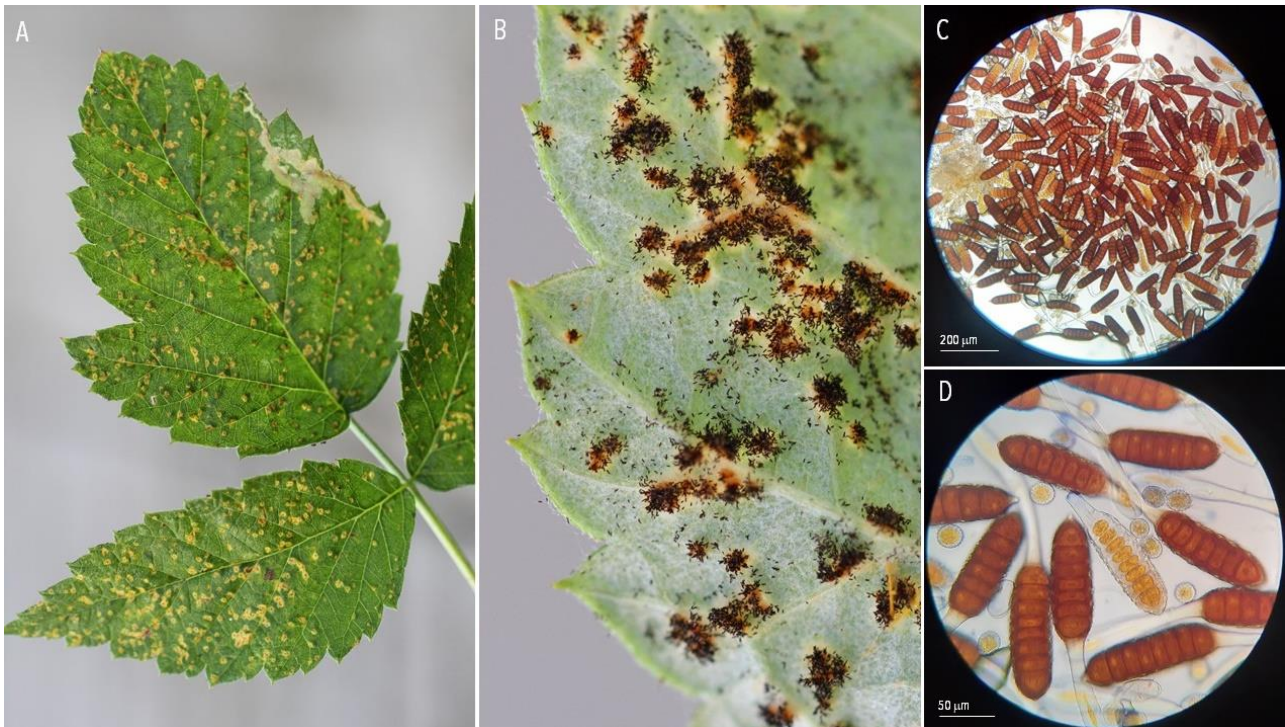
A. Diseased leaf. B. Telia. C-D. Teliospores. Les Clayes-sous-Bois, 2020-06-18.



A. Diseased lead. B. Uredinia. D. Paraphyses and urediniospores. Les Clayes-sous-Bois, 2020-06-05.

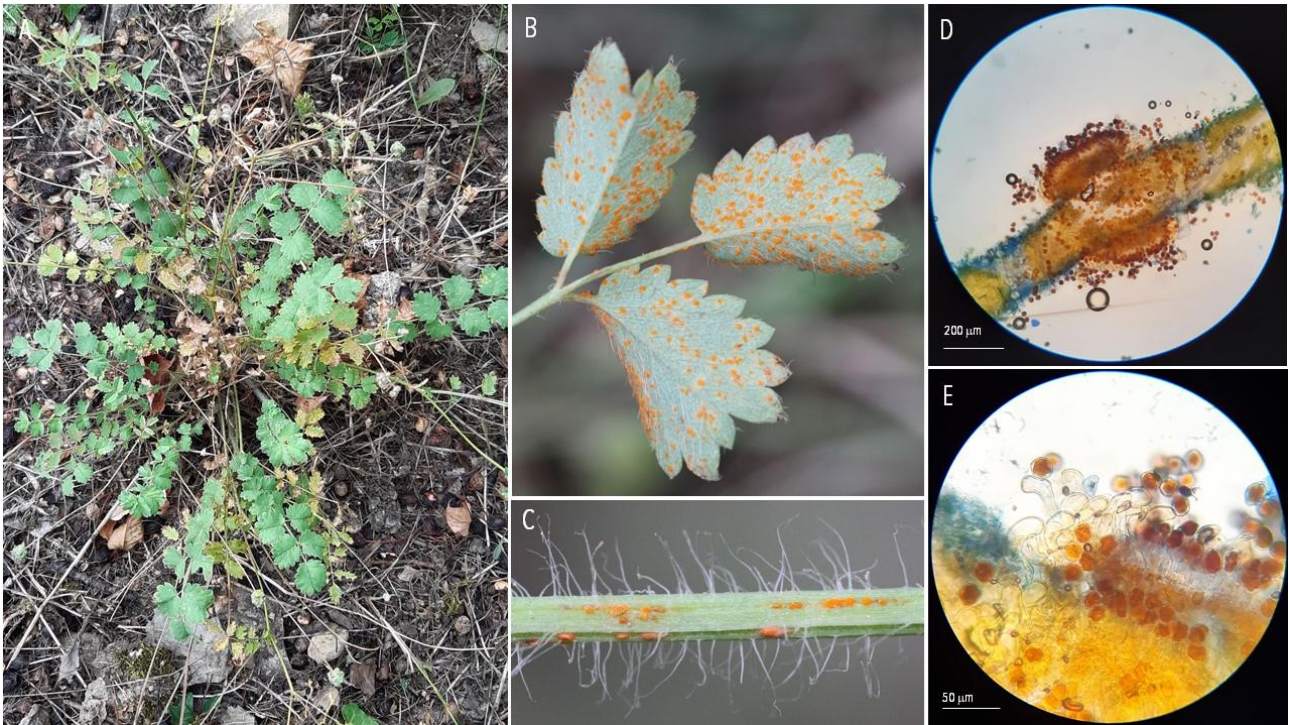


A. Diseased leaf. B. Telia. C-D. Teliospores. Les Clayes-sous-Bois, 2020-11-14.



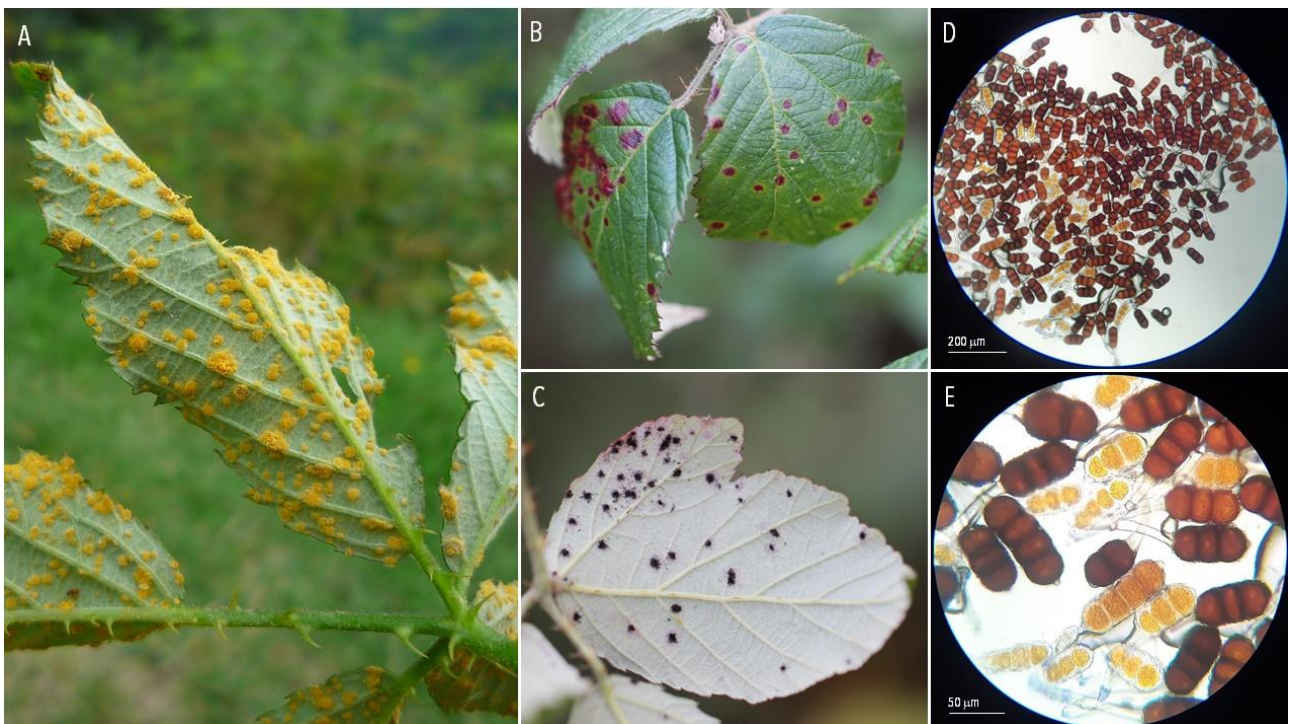
28 | RUSTS | *Phragmidium sanguisorbae* ex *Sanguisorba minor* (salad burnet)

A. Diseased plant. B-D. Uredinia. E. Urediniospores. Millau, 2020-07-16.



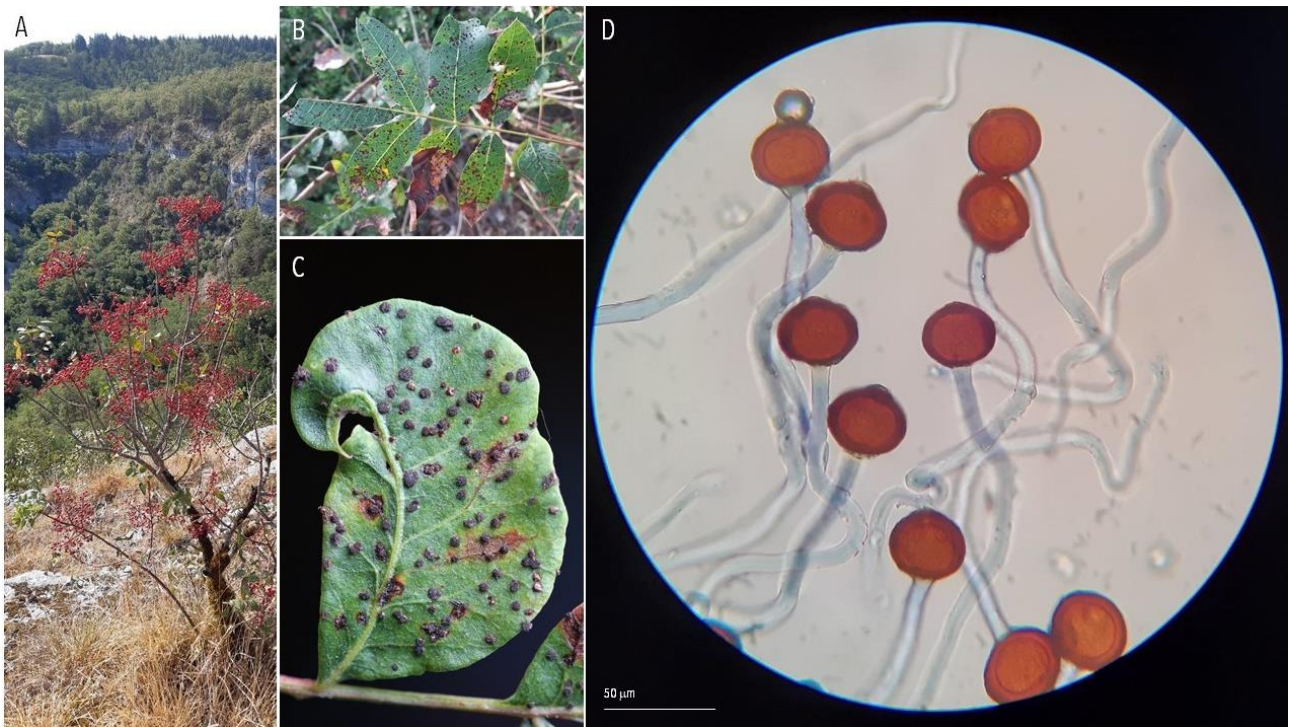
29 | RUSTS | *Phragmidium violaceum* ex *Rubus fruticosus* (bramble)

A. Diseased plant. B. Uredinia and telia. C. Urediniospores. E. Teliospores. Les Clayes-sous-Bois, 2020-05-16.



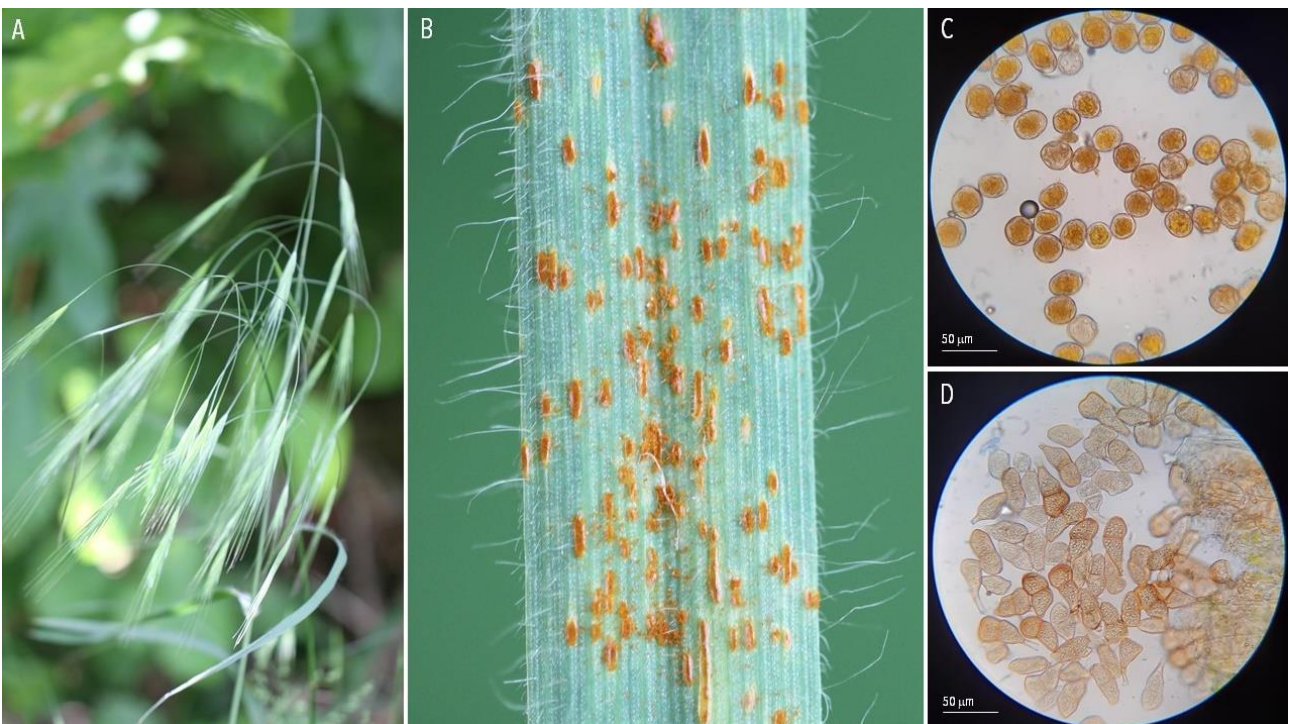
30 | RUSTS | *Pileolaria terebenthi* ex *Pistachio lentiscus* (lentisk)

A-B. Diseased plant. C. Telia. C. Teliospores. Saint-Circq Lapopie, 2020-08-08.



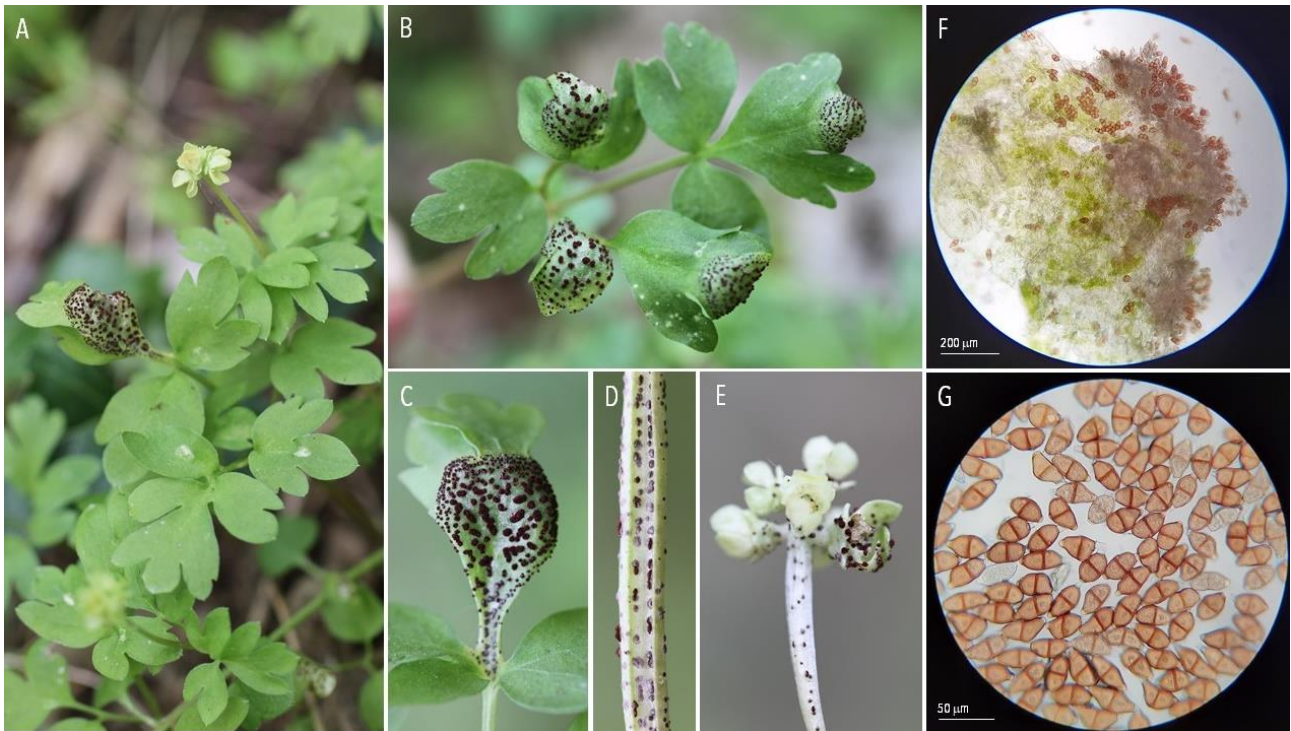
31 | RUSTS | *Puccinia bromina* ex *Bromus sterilis* (barren brome)

A. Diseased plant. C. Uredinia. C. Urediniospores. D. Teliospores. Plaisir, 2021-06-06.



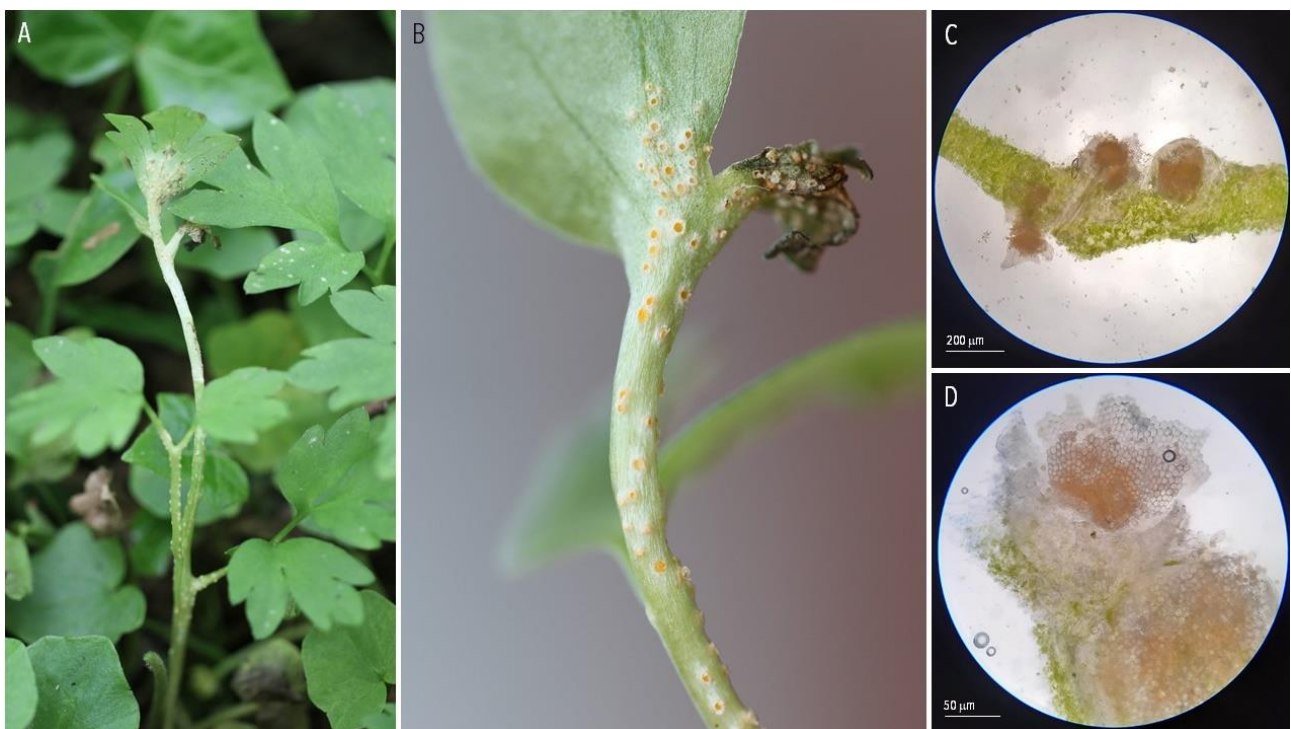
32 | RUSTS | *Puccinia adoxae* ex *Adoxa moschatellina* (moschatel)

A. Diseased plant. B-F. Telia. G. Teliospores. Les Claye-sous-Bois, 2021-04-28.



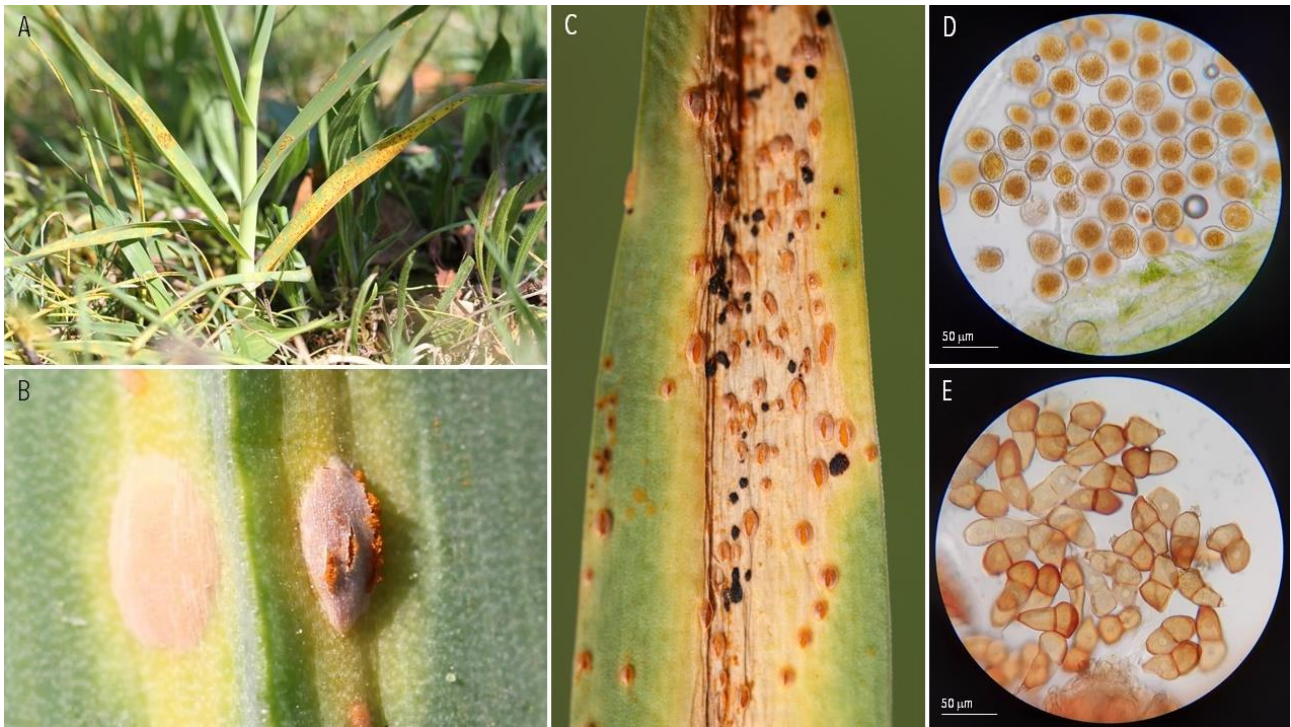
33 | RUSTS | *Puccinia albescens* *Adoxa moschatellina* (moschatel)

A. Diseased plant. B-D. Aecia. Les Claye-sous-Bois, 2021-04-30.



34 | RUSTS | *Puccinia allii* ex *Allium polyanthum* (perennial sweet leek)

A. Diseased leaf. B. Uredinia. C. Uredinia and telia. D. Urediniospores. E. Teliospores. Millau, 2020-07-14; Villeneuve-Tolosane, 2021-06-04.



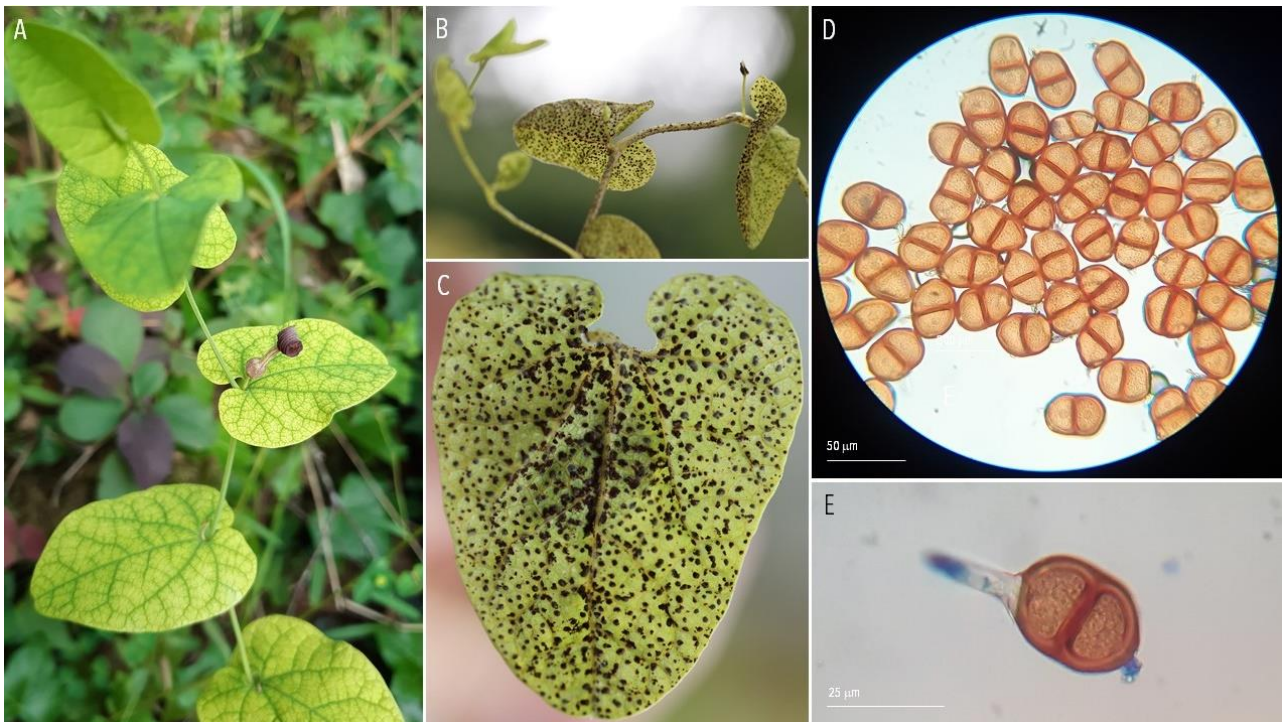
35 | RUSTS | *Puccinia antirrhini* ex *Antirrhinum majus* (common snapdragon)

A-B. Diseased plant. C. Uredinia and telia on stem. D. Larva of *Microdiplosis* sp. feeding urediniospores. E. Urediniospores. F. Teliospores. Millau, 2020-10-19 (Henk et al., 2011).



36 | RUSTS | *Puccinia aristolochiae* ex *Aristolochia rotunda* (snakeroot)

A-B. Diseased plant. C. Telia. D-E. Teliospores. Thiverval-Grignon, 2020-06-18.



37 | RUSTS | *Puccinia artemisiella* (?) ex *Artemisia vulgaris* (common mugwort)

A. Diseased plant. B. Telia and colony of aphids (*Macrosiphoniella artemisiae*?). C. Telia. D. Teliospores. Les Clayes-sous-Bois, 2020-07-11.



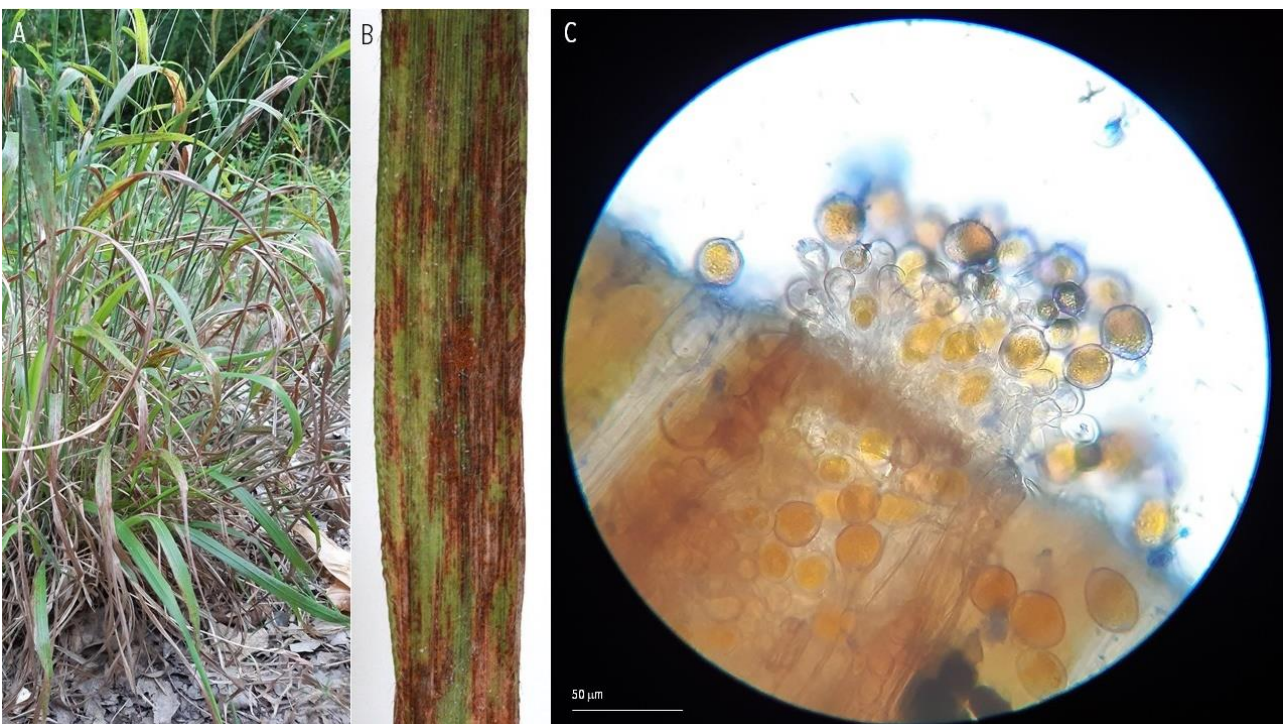
38 | RUSTS | *Puccinia asperulae-odoratae* ex *Galium odoratum* (sweet woodruff)

A. Diseased plant. B. Telia. C. Teliospores. Bouloc, 2020-10-19.



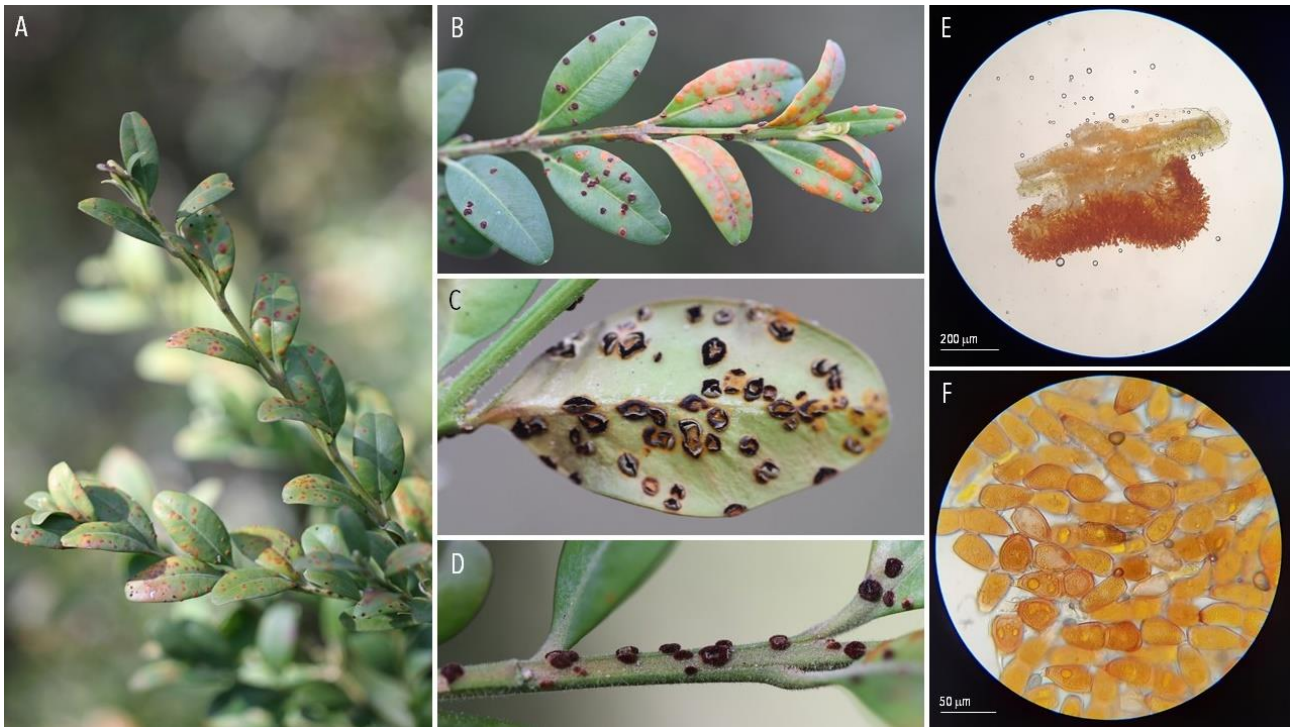
39 | RUSTS | *Puccinia brachypodii* ex *Brachypodium sylvaticum* (slender false brome)

A. Diseased plant. B. Uredinia and telia. C. Urediniospores. Les Clayes-sous-Bois, 2020-07-27.



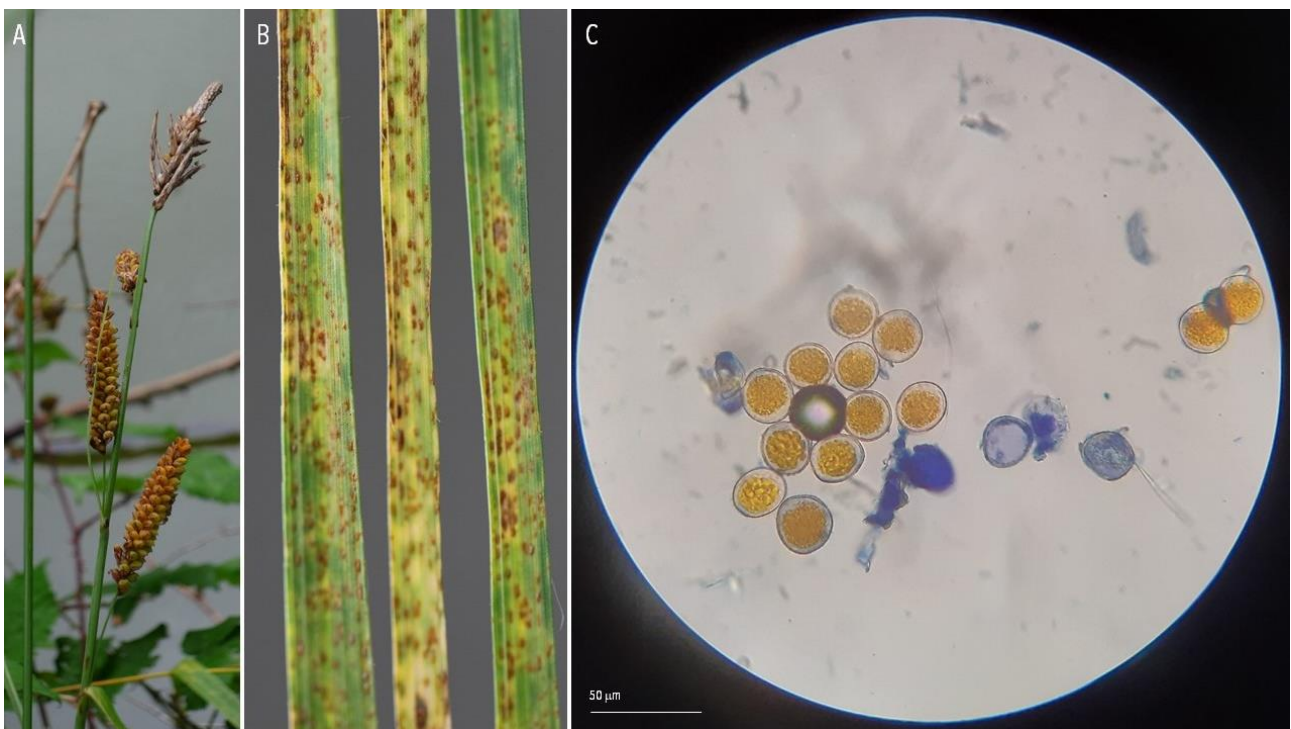
40 | RUSTS | *Puccinia buxi* ex *Buxus sempervirens* (common boxwood)

A-B. Diseased leaves. C-E. Telia. F. Teliospores. Millau, 2021-04-13.

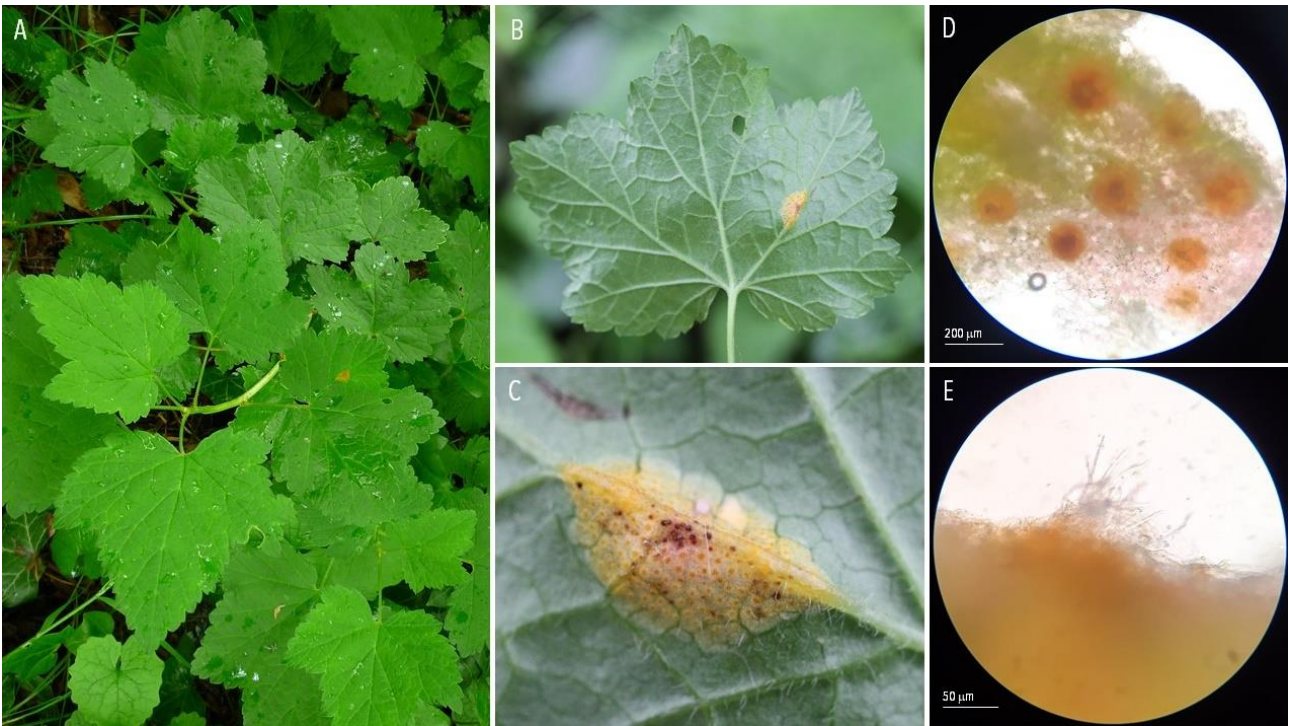


41 | RUSTS | *Puccinia caricina* var. *ribesii-diversicoloris* (??) ex *Carex flacca* (blue sedge)

A. Diseased plant. B. Uredinia. C. Urediniospores. Les Clayes-sous-Bois, 2020-07-04.



A-B. Diseased plant (*Ribes rubrum*). C-E. Pycnia. Orgeval, 2021-05-24.



A-B. Diseased plant (*Carex pendula*). C-D. Uredinia. E. Urediniospores. Chartres, 2020-07-26.

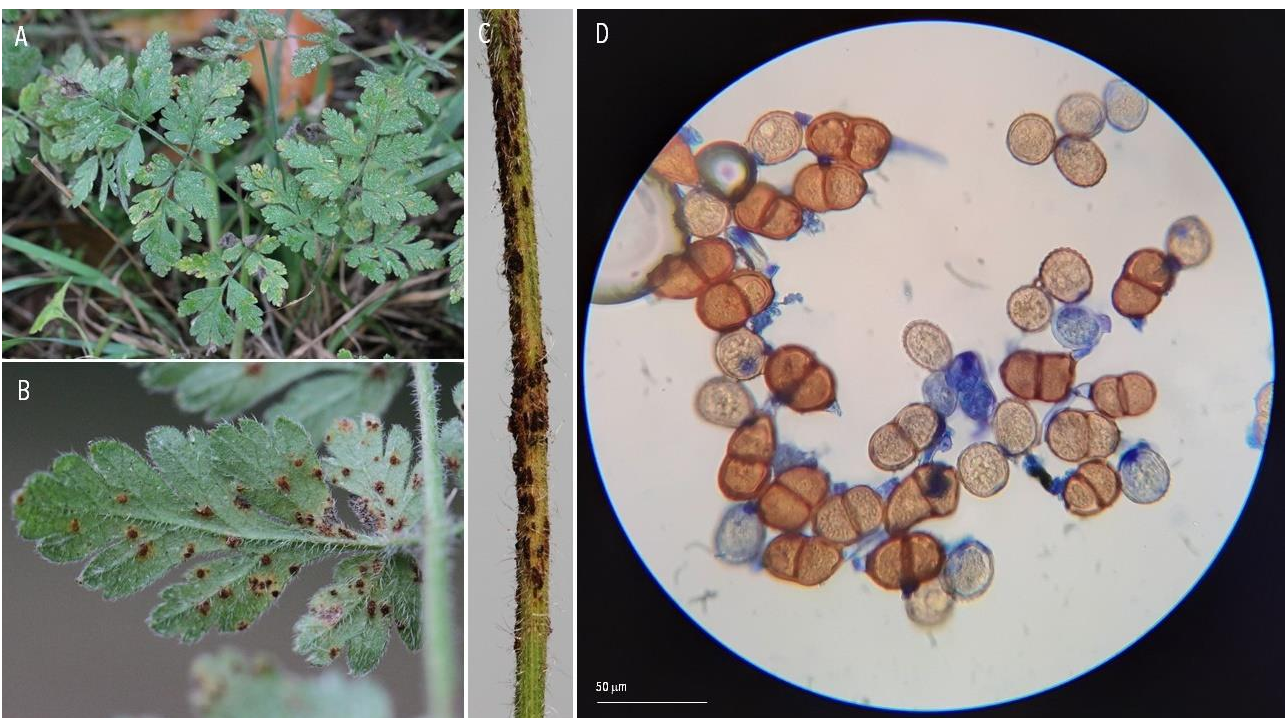


A. Diseased plant (*Carex pendula*). B. Telia. C-D. Teliospores. Les Clayes-sous-Bois, 2020-11-14.



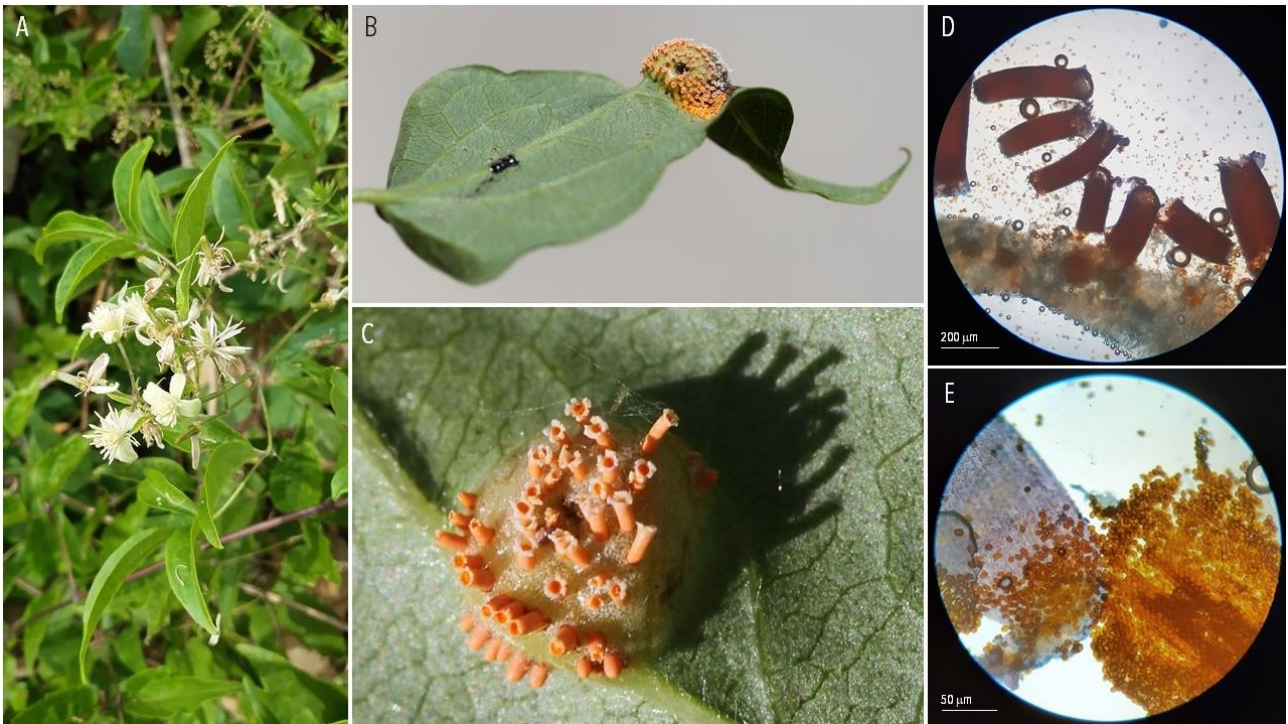
43 | RUSTS | *Puccinia chaerophyllum* ex *Chaerophyllum temulum* (rough chervil)

A. Diseased plant. B-C. Uredinia and telia. D. Urediniospores and teliospores. Sermizelles, 2020-08-16.

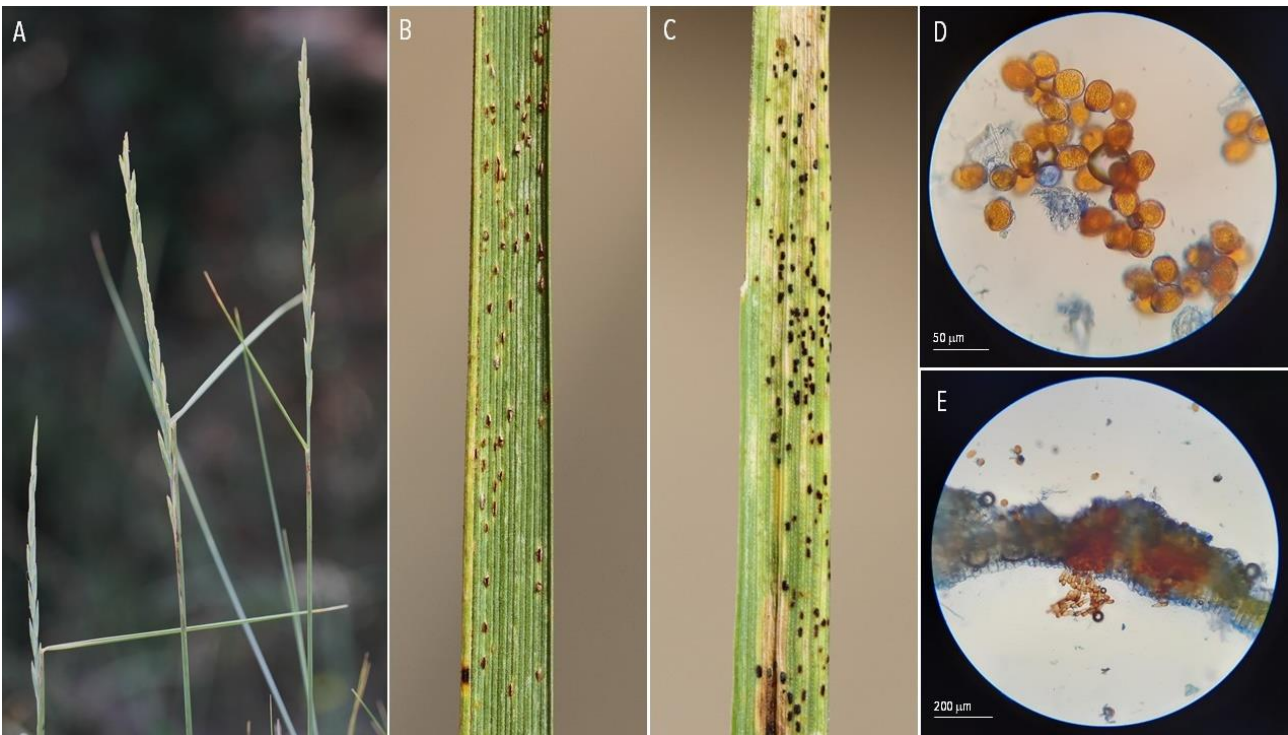


44 | RUSTS | *Puccinia clematidis-secalis* or *Puccinia agropyri* (?) ex *Clematis vitalba* (old man's beard) and *Elymus campestris* (couch grass)

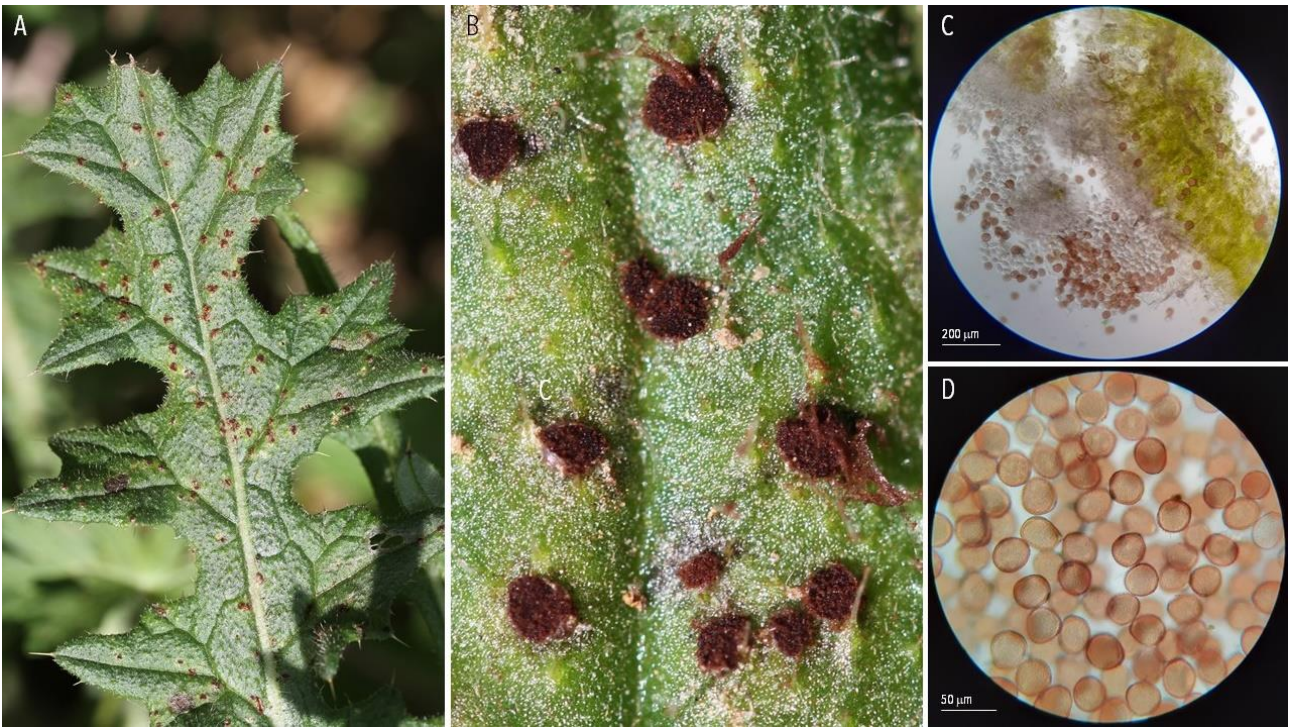
A-B. Diseased plant (*Clematis vitalba*). C-D. Aecia. D. Aeciospores. Millau, 2020-07-13.



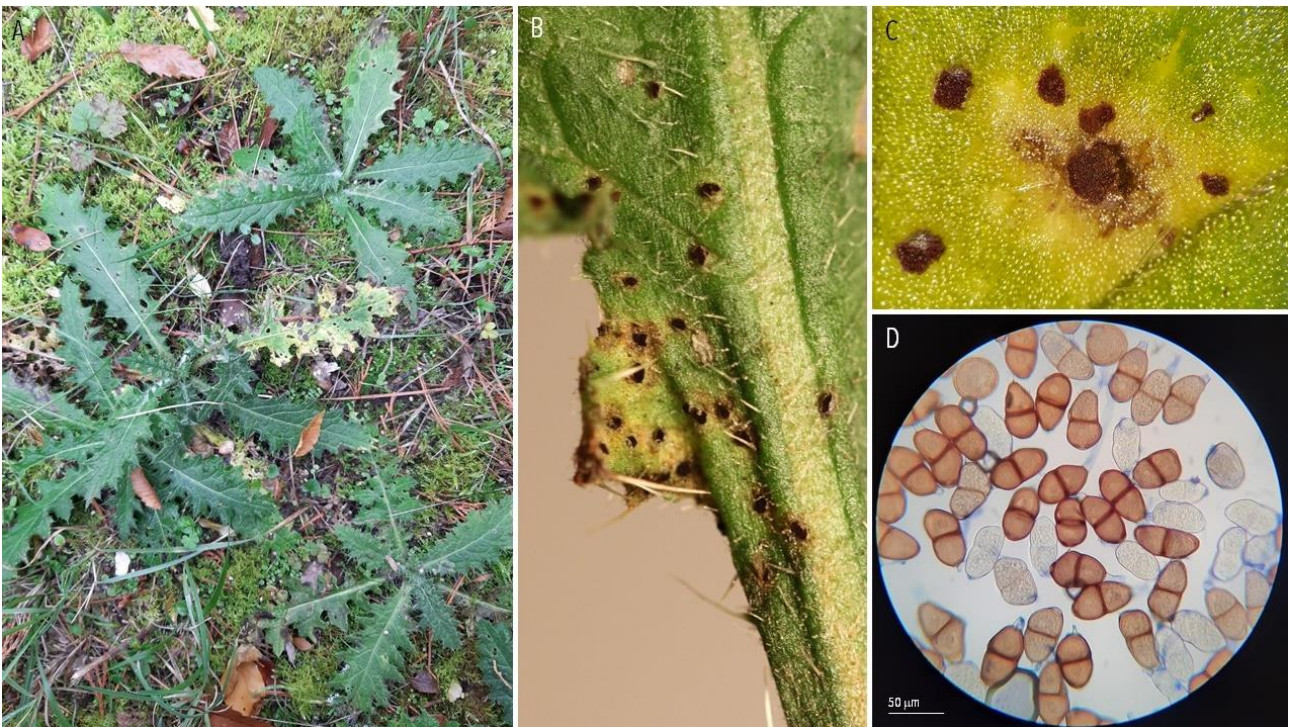
A. Diseased plant (*Elymus campestris*). B. Uredinia. C. Telia. D. Urediniospores. E. Teliospores. Millau, 2020-07-14.



A. Diseased leaf. B-C. Uredinia. D. Urediniospores. Les Clayes-sous-Bois, 2021-04-24.

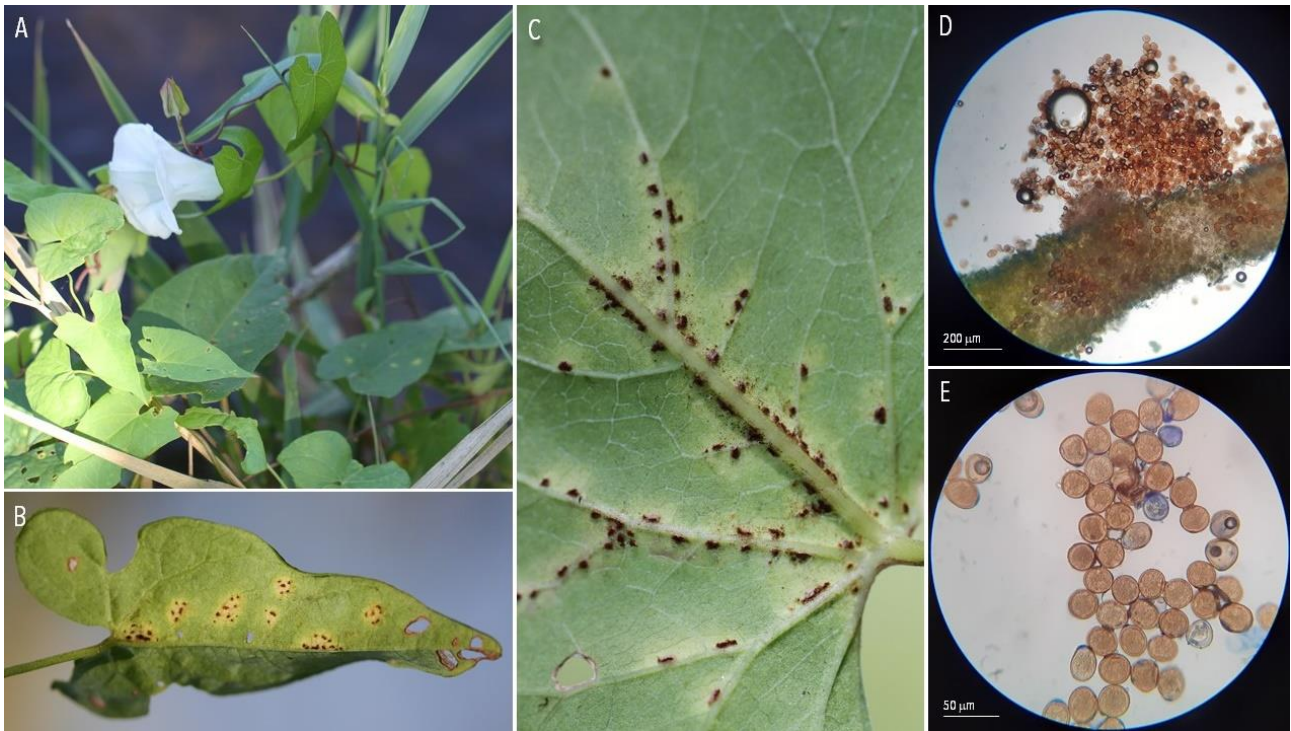


A. Diseased plant. B-C. Telia. D. Teliospores. Thiverval-Grignon, 2020-11-16.



46 | RUSTS | *Puccinia convolvuli* ex *Calystegia sepium* (hedge bindweed)

A-B. Diseased plant. C-D. Uredinia. E. Urediniospores. Blannay, 2020-08-20.



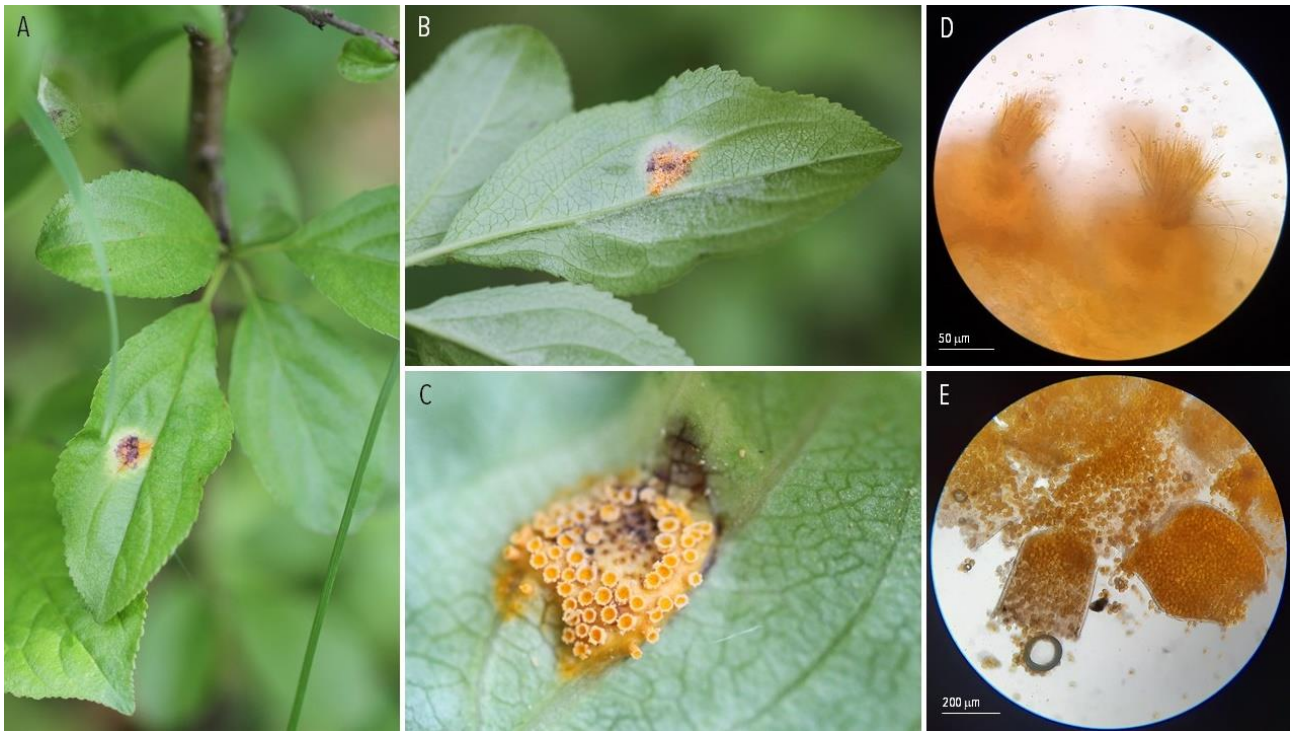
47 | RUSTS | *Puccinia coronata* f. sp. *avenae* ex *Avenae fatua* (common wild oat)

A-B. Diseased plant. C. Uredinia. D. Telia. E. Urediniospores. F. Teliospores. Millau, 2020-07-14.



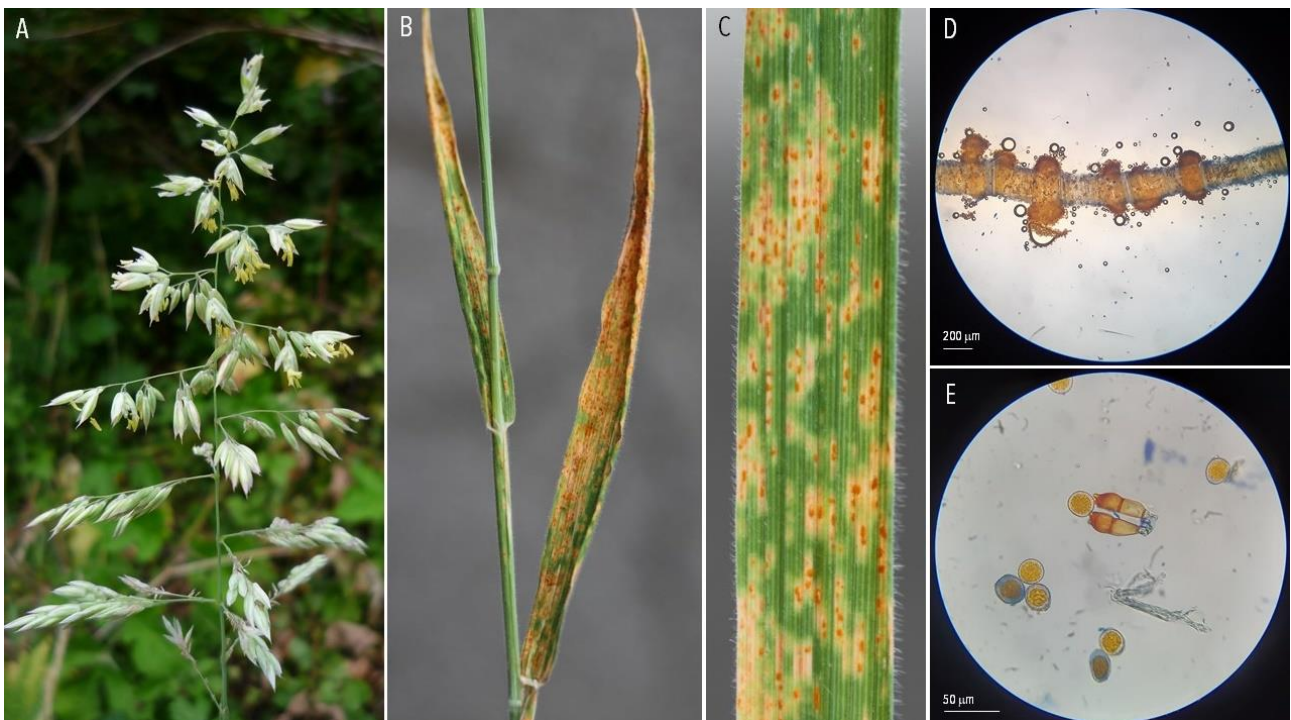
48 | RUSTS | *Puccinia coronata* f. sp. *bromi* ex *Rhamnus cathartica* (common buckthorn)

A-B. Diseased leaves. C. Pycnia surrounded by aecia. D. Pycnia and flexuous hyphae. E. Aecia and aeciospores. Limay, 2021-05-29.



49 | RUSTS | *Puccinia coronata* f. sp. *holci* ex *Holcus lanatus* (common velvet grass)

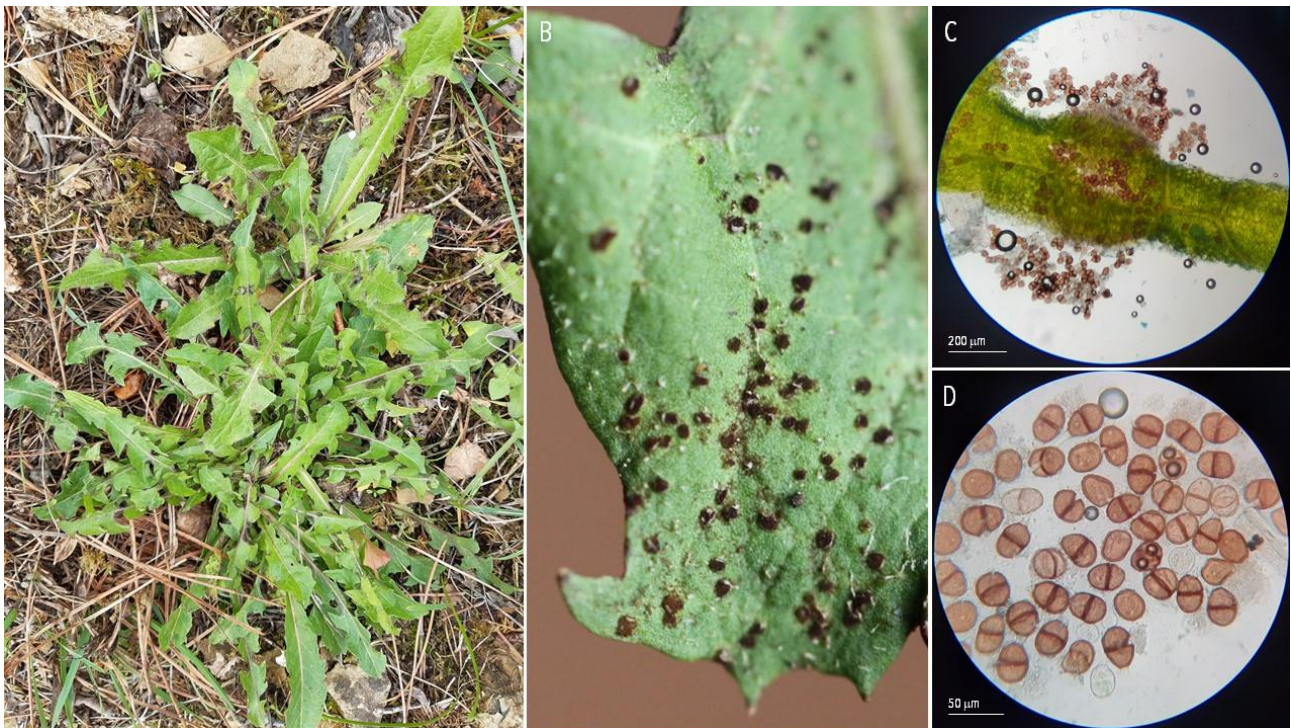
A-B. Diseased plant. C-D. Uredinia. E. Urediniospores and teliospores. Les Clayes-sous-Bois, 2020-07-04.



A. Diseased plant (*Crepis capillaris*). B-C. Uredinia. D. Urediniospores and teliospores. Les Clayes-sous-Bois, 2020-07-04.

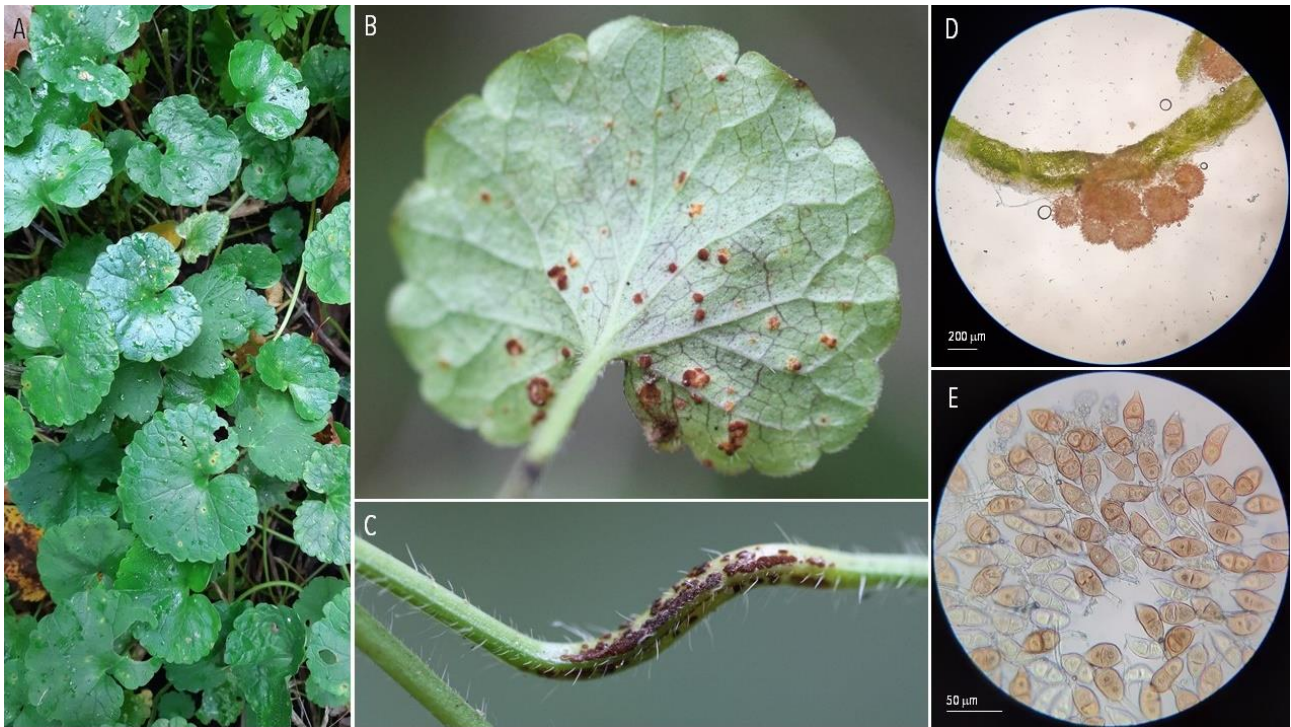


A. Diseased plant (*Crepis foetida*). B. Uredinia. D. Urediniospores and teliospores. Millau, 2020-10-21.



51 | RUSTS | *Puccinia glechomatis* ex *Glechoma hederacea* (ground ivy)

A. Diseased plant. B-C. Telia. D-E. Teliospores. Les Clayes-sous-Bois, 2020-11-08; Saint-Hilaire-Bonneval, 2020-08-01.



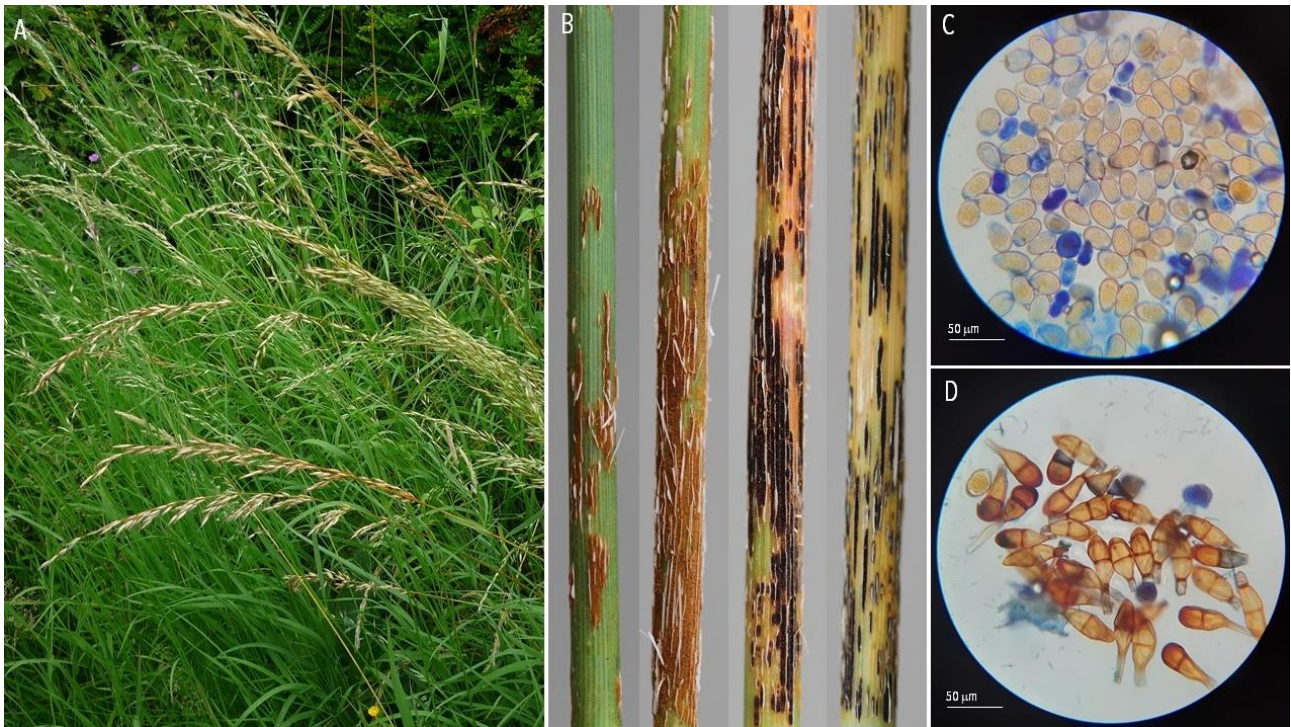
52 | RUSTS | *Puccinia graminis* f. sp. *avenaceum* ex *Avenae fatua* (common wild oat)

A. Diseased plant. B-C. Uredinia and telia. D. Urediniospores. E. Teliospores. Millau, 2020-07-14.



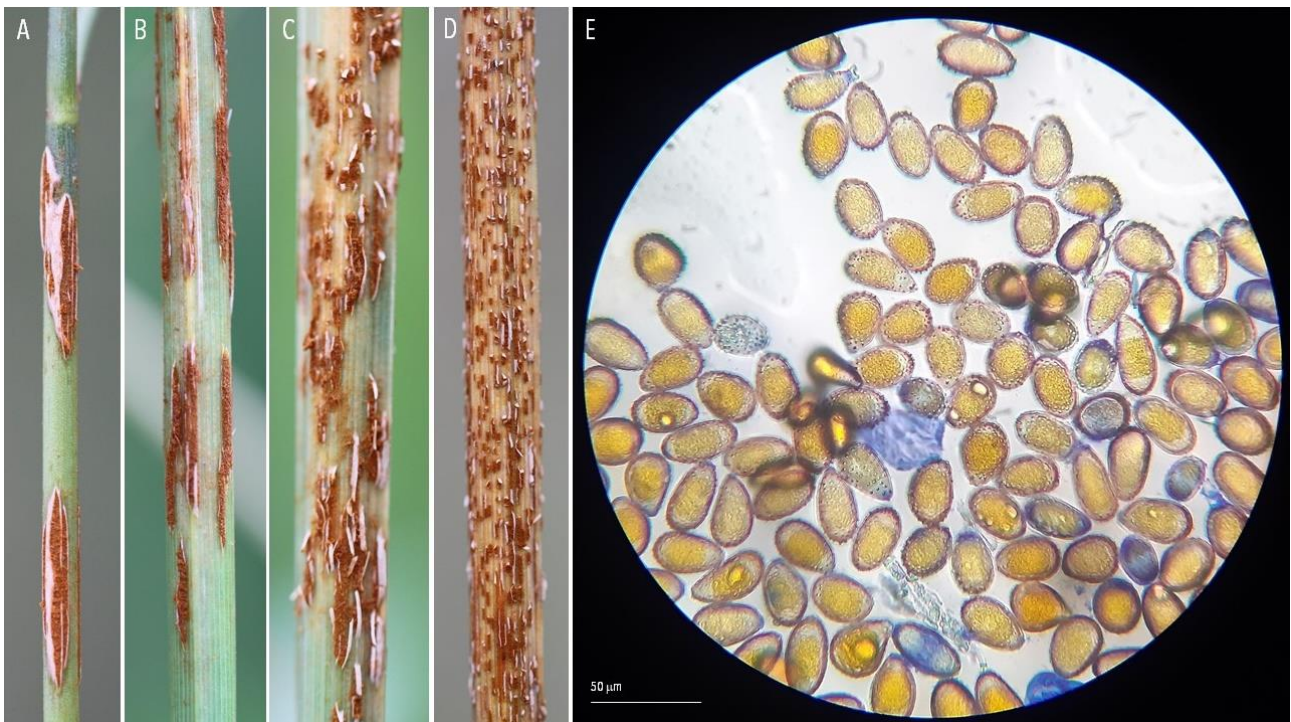
53 | RUSTS | *Puccinia graminis* f. sp. *avenae*(?) ex *Arrhenatherum elatius* (tall oatgrass)

A. Diseased plant. B. Uredinia and telia. C. Urediniospores. E. Teliospores. Les Clayes-sous-Bois, 2020-07-04.



54 | RUSTS | *Puccinia graminis* f. sp. *dactylidis* ex *Dactylis glomerata* (orchard grass)

A-D. Uredinia. E. Urediniospores. Le Chesnay, 2020-06-13; Aguessac, 2020-07-18.



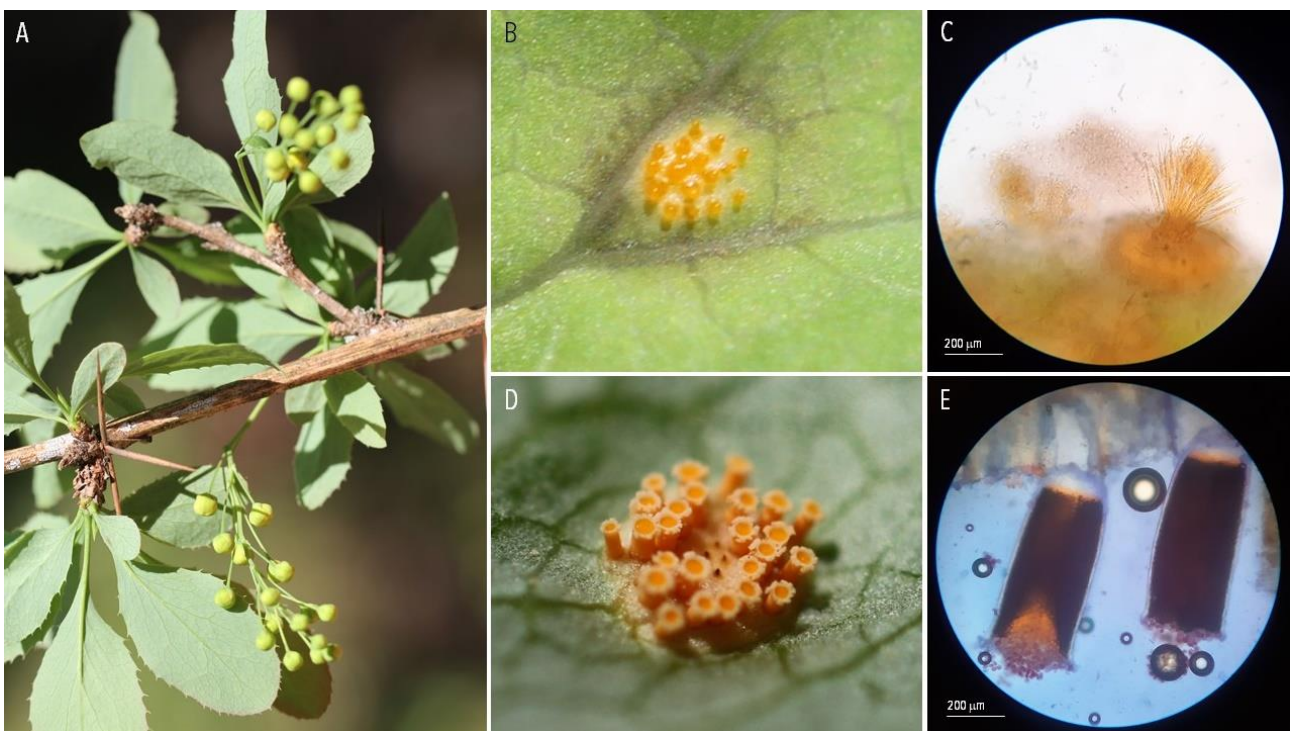
55 | RUSTS | *Puccinia graminis* f. sp. *graminicola* (?) ex *Festuca arundinacea* (tall fescue)

A-C. Diseased plant. D-E. Uredinia. F. Telia. G. Urediniospores. H. Teliospores. Aguessac, 2020-07-18.



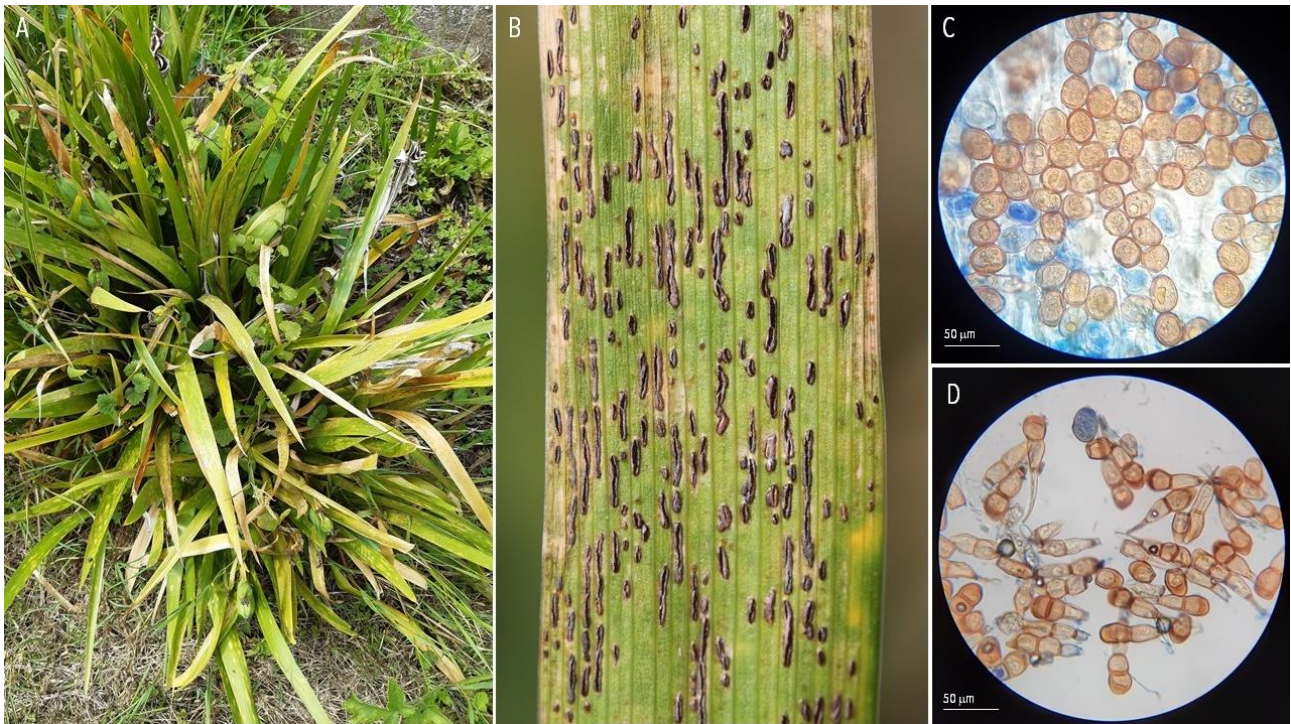
56 | RUSTS | *Puccinia graminis* sp. *secalis* (?) ex *Berberis vulgaris* (common barberry)

A. Diseased plant. B-C. Pycnia and flexuous hyphae. D-E. Aecia. Thiverval-Grignon, 2020-05-09; Millau, 2021-04-16.



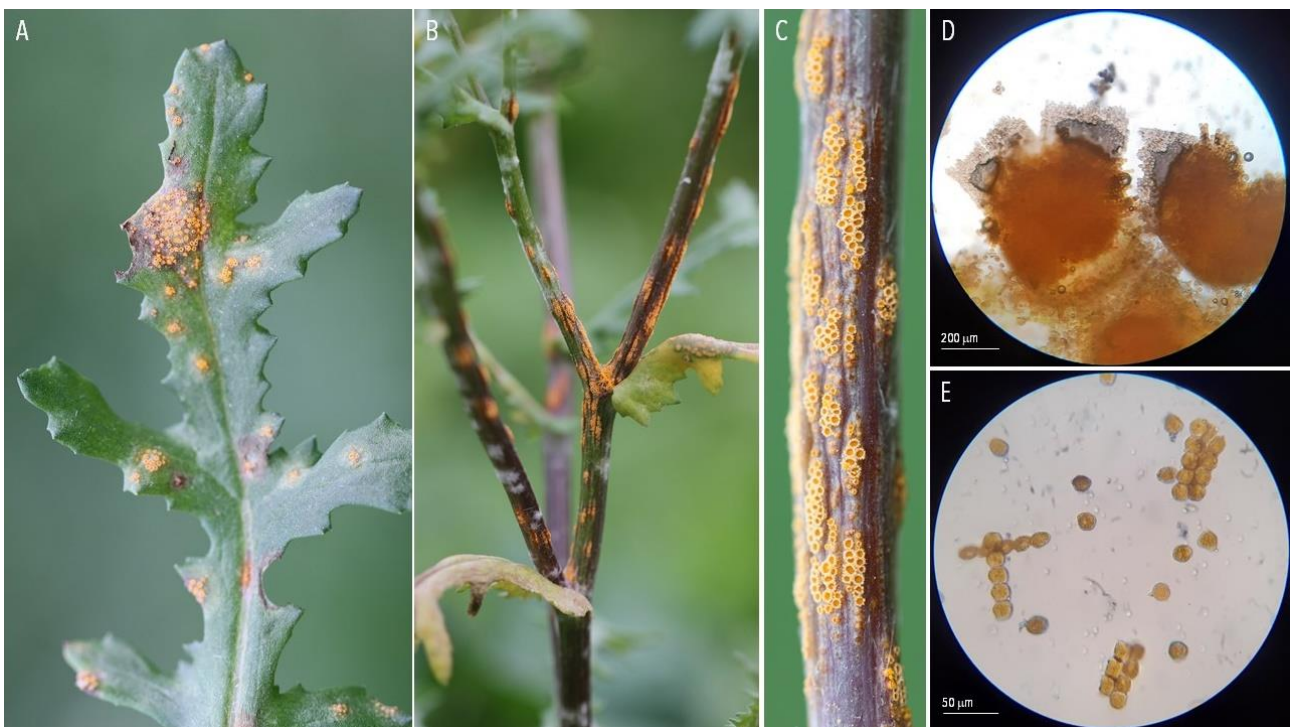
57 | RUSTS | *Puccinia iridis* ex *Iris foetidissima* (stinking iris)

A. Diseased plant. B. Uredinia and telia. C. Urediniospores. E. Teliospores. Elincourt-Sainte-Marguerite, 2020-06-28.



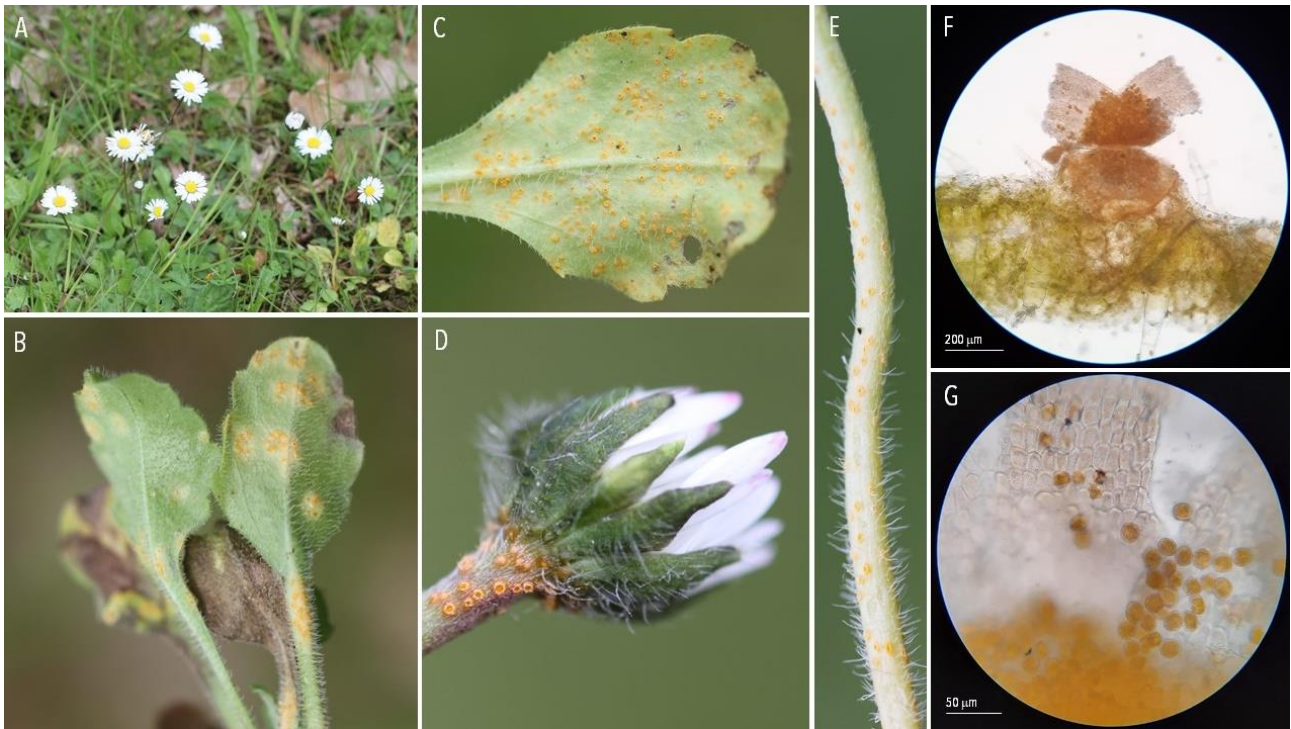
58 | RUSTS | *Puccinia lagenophorae* ex *Senecio vulgaris* (common groundsel)

A-B. Diseased plant. C-D. Aecia. E. Aeciospores. Les Clayes-sous-Bois, 2020-03-29.



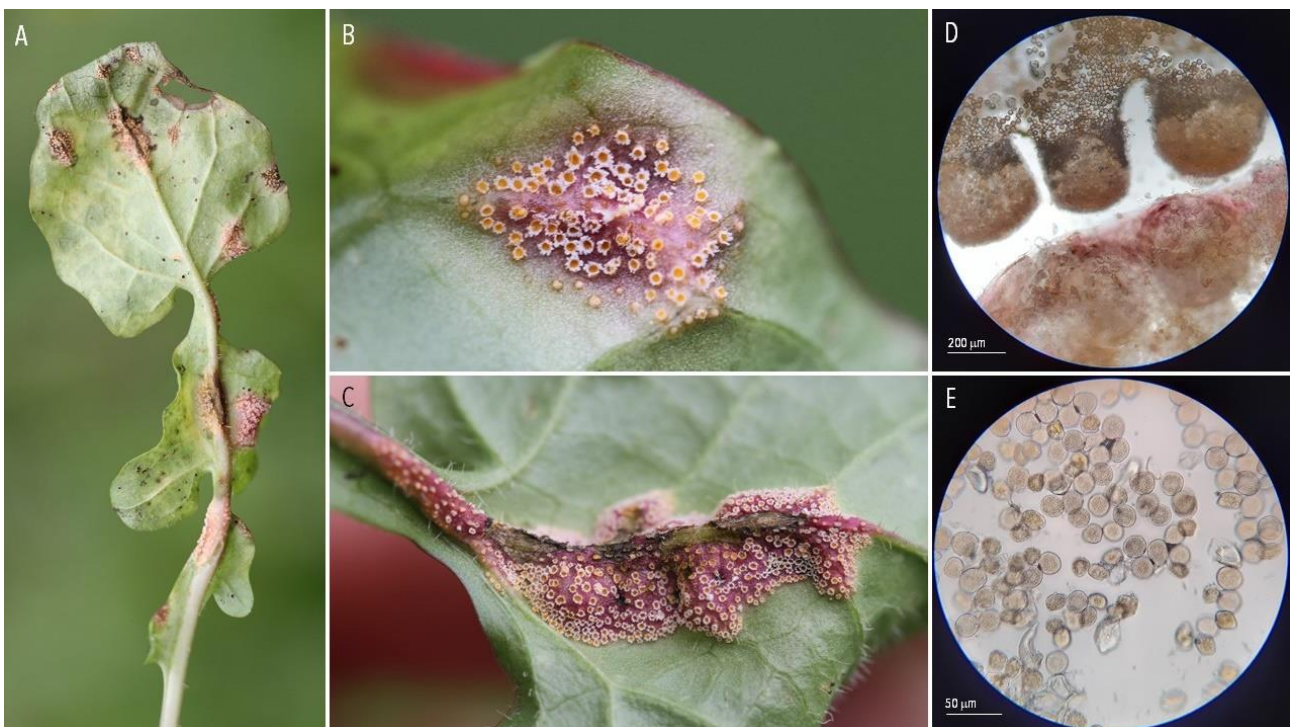
59 | RUSTS | *Puccinia lagenophorae* or *Puccinia distincta* (?) ex *Bellis perennis* (English daisy)

A-B. Diseased plant. C-F. Aecia. G. Aeciospores. Thiverval-Grignon, 2021-03-24.

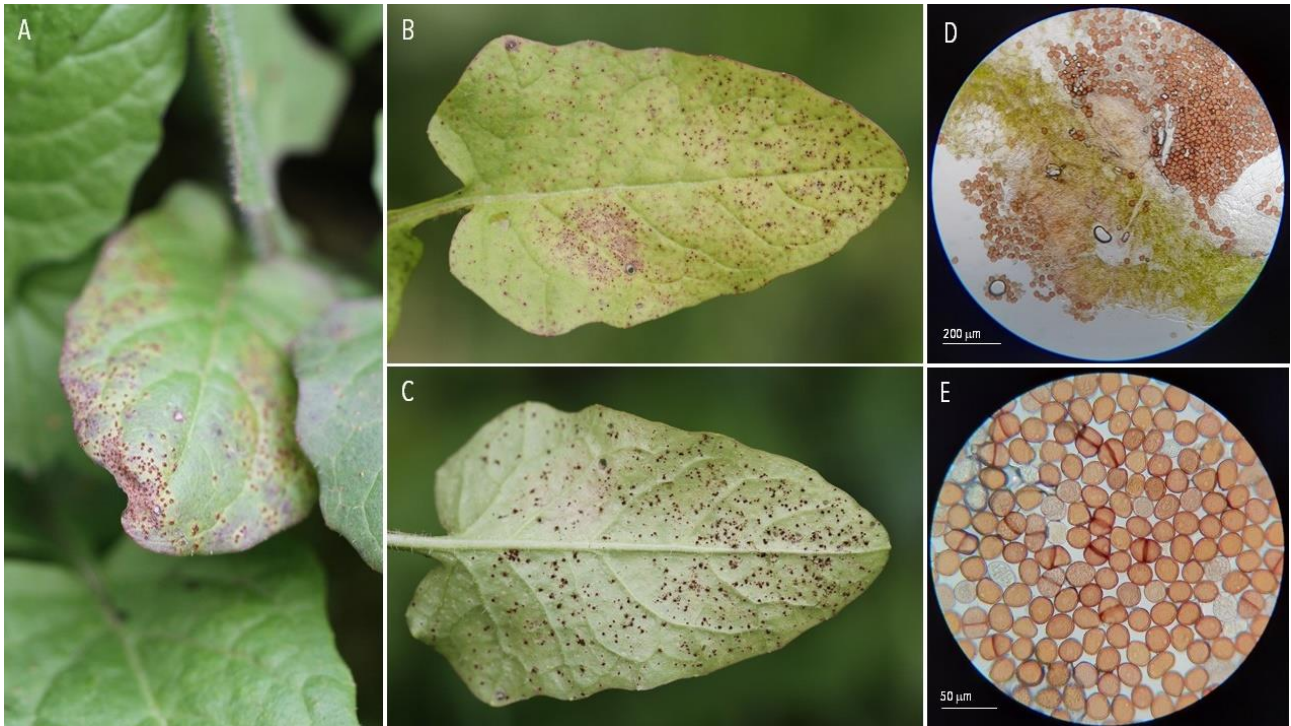


60 | RUSTS | *Puccinia lapsanae* ex *Lapsana communis* (nipplewort)

A. Diseased leaf. B-D. Aecia. E. Aeciospores. Millau, 2021-04-10; Les Clayes-sous-Bois, 2021-06-13.

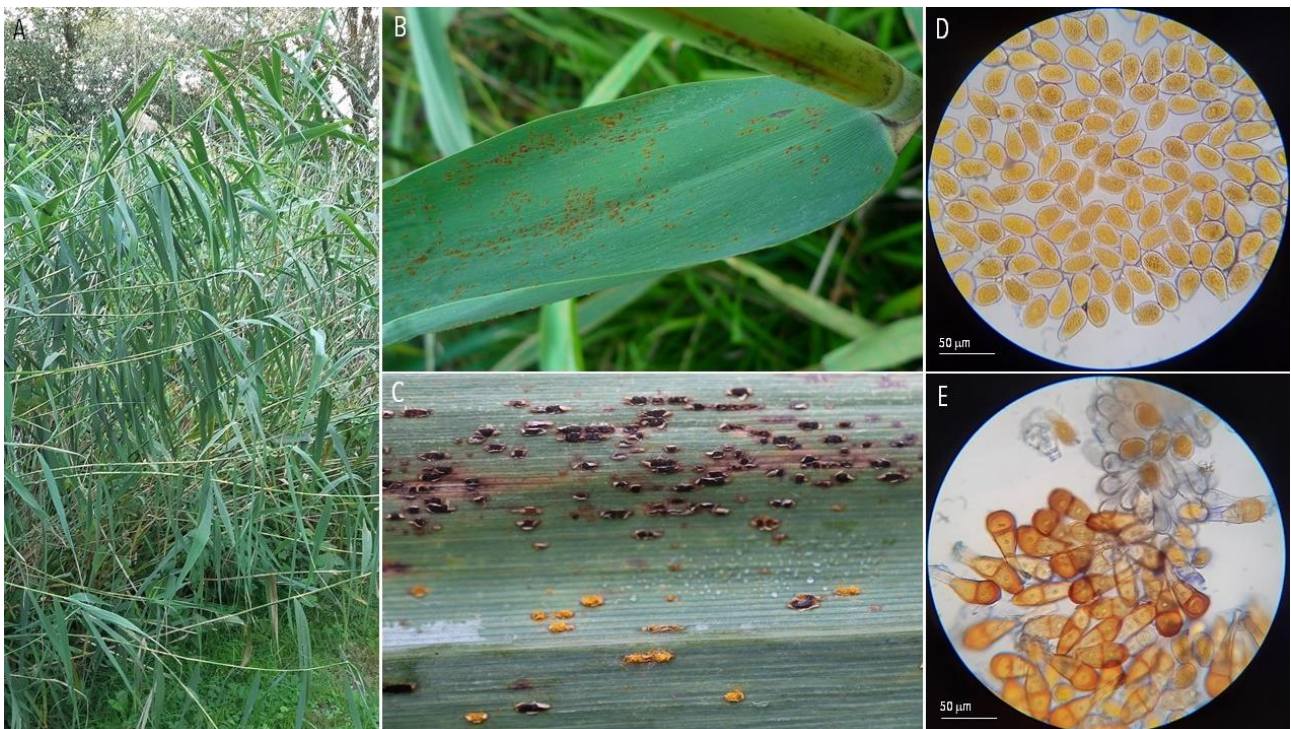


A. Diseased leaf. B-D. Uredinia and telia. E. Urediniospores and Teliospores. Millau, 2021-04-10.

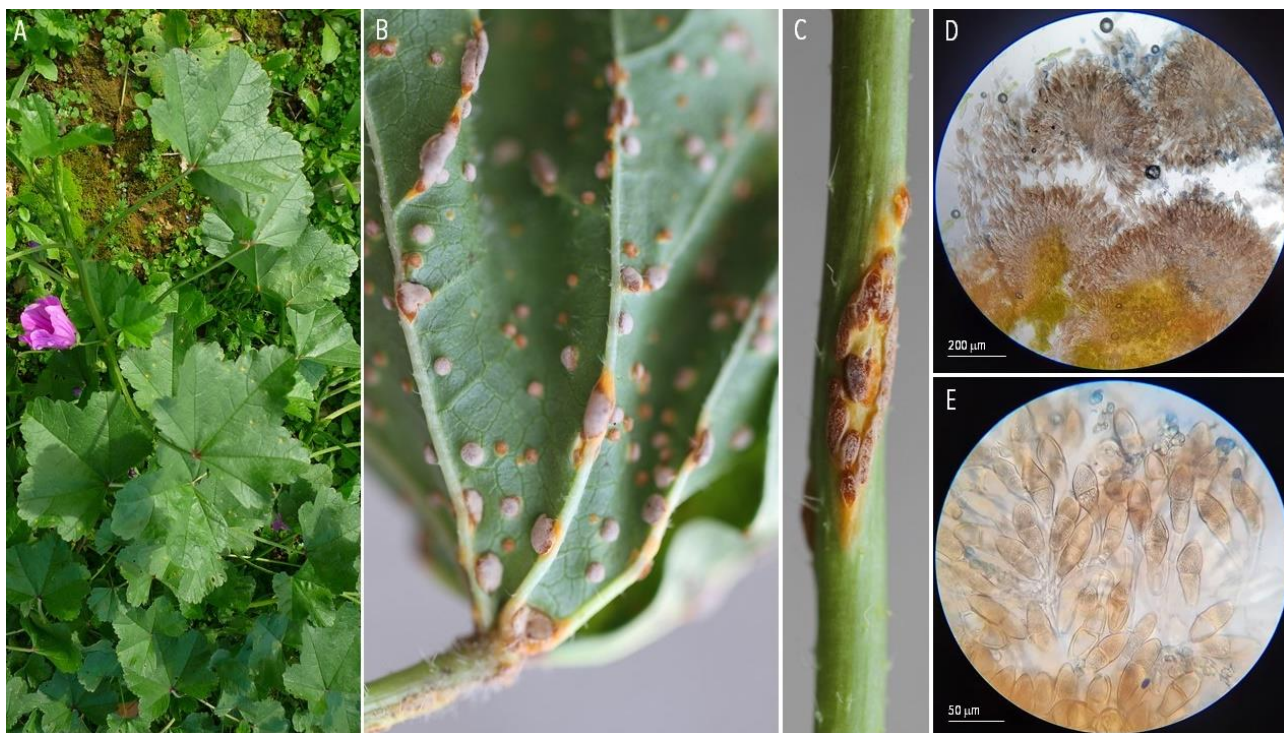


61 | RUSTS | *Puccinia magnusiana* ex *Phragmites australis* (common reed)

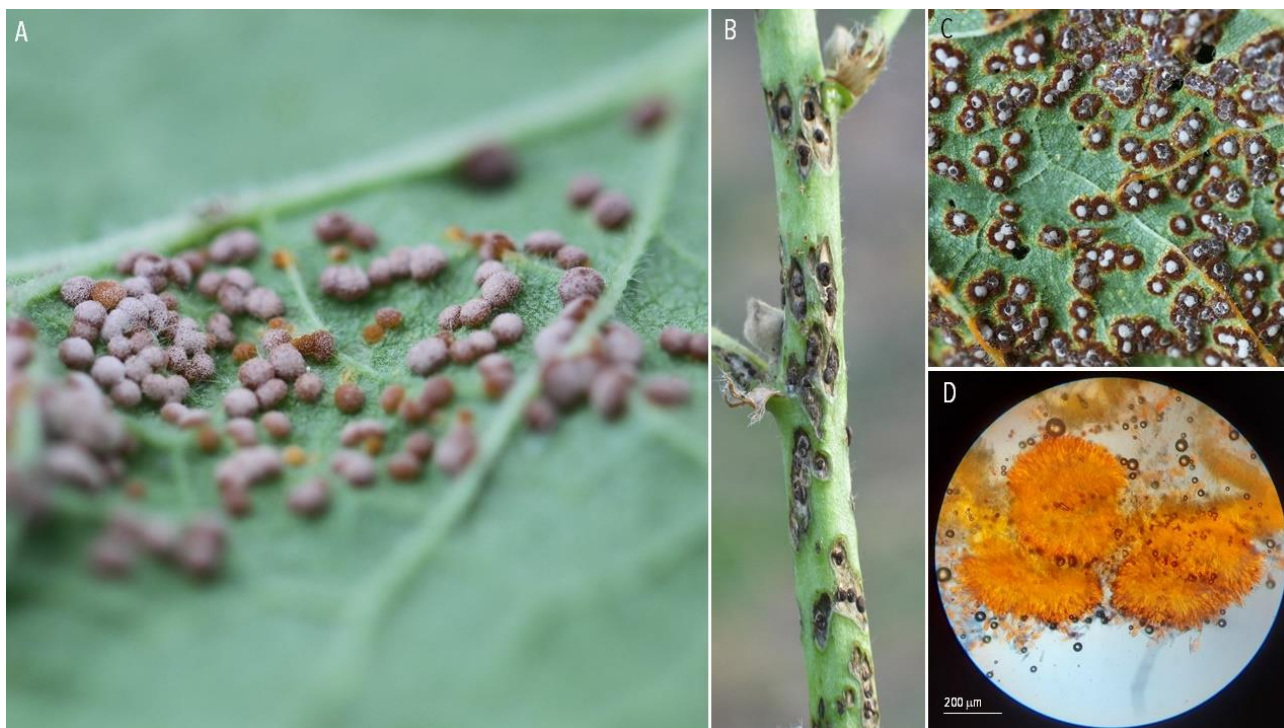
A-B. Diseased plant. C. Uredinia and telia. D. Urediniospores. E. Teliospores. Les Clayes-sous-Bois, 2020-11-22.



A. Diseased plant (*Malva sylvestris*). B-D. Telia. E. Teliospores. Les Clayes-sous-Bois, 2020-11-20.

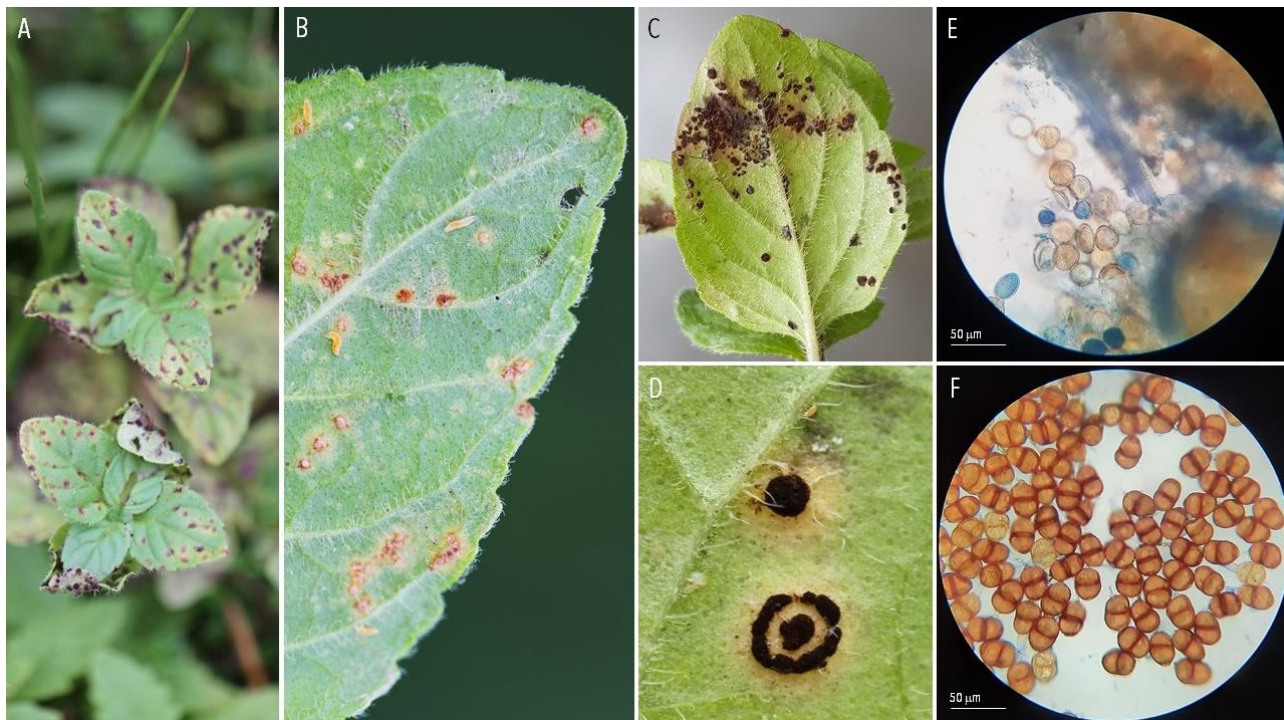


A. Diseased leaf (*Alcea rosa*). B-C. Telia. D. Teliospores. Thiverval-Grignon, 2020-04-18.



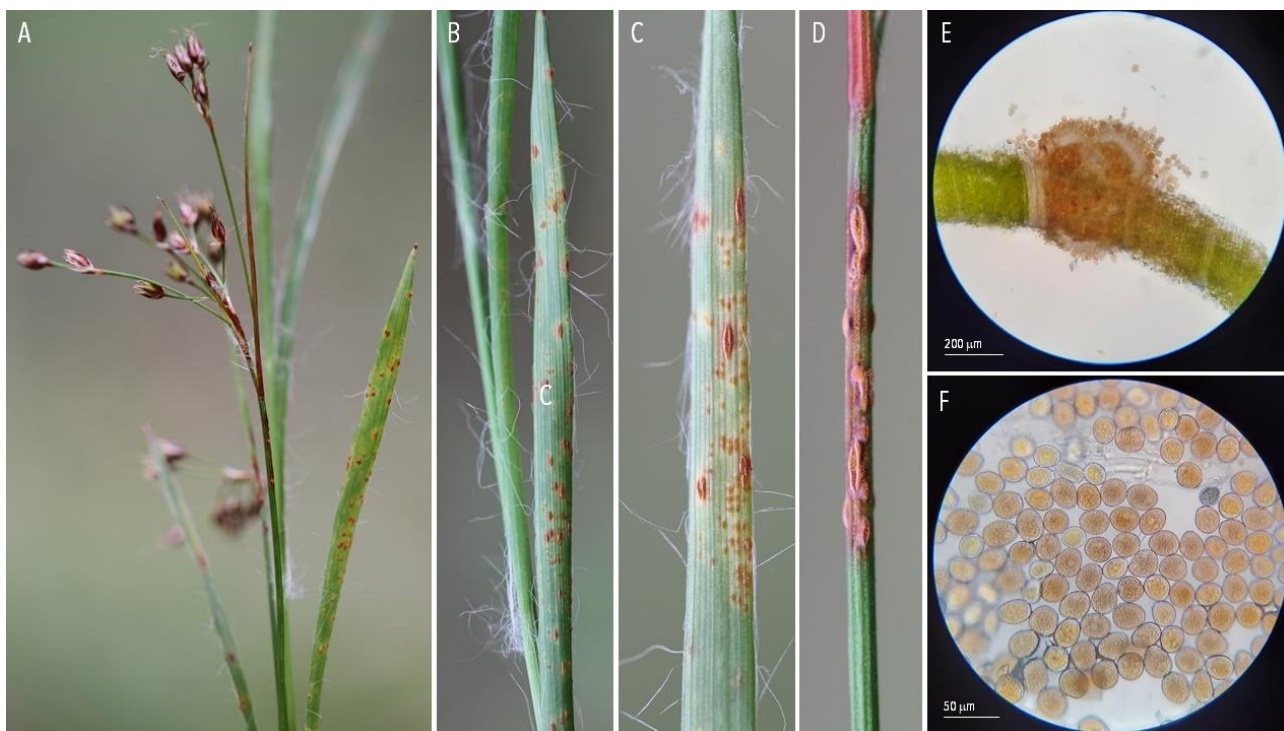
63 | RUSTS | *Puccinia menthae* ex *Mentha aquatica* (water mind)

A. Diseased plant. B. Larvae of *Mycodiplosis* sp. feeding on uredinia. C-D. Uredinia and telia. E. Urediniospores. F. Teliospores. Les Clayes-sous-Bois, 2020-06-15; Meuzac, 2020-10-28 (Henk *et al.*, 2011).



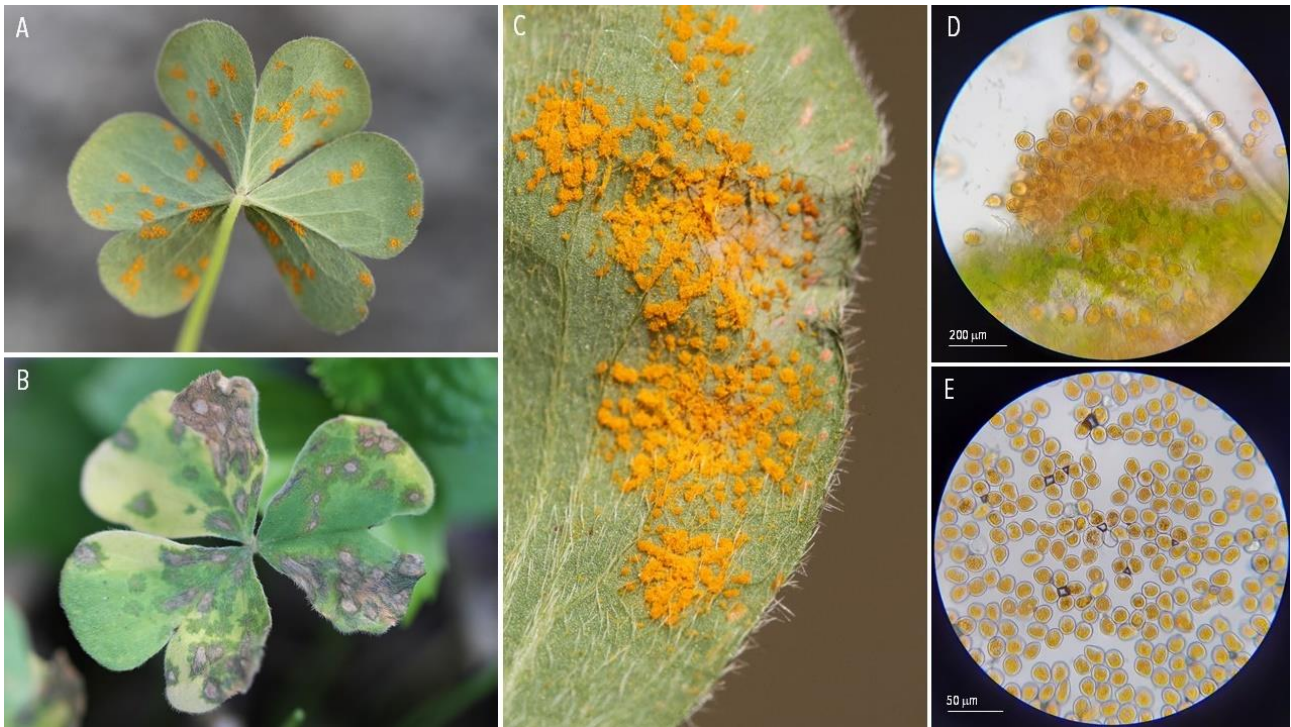
64 | RUSTS | *Puccinia obscura*(?) ex *Luzula forsteri* (southern wood-rush)

A. Diseased plant. B-E. Uredinia. F. Urediniospores. Les Clayes-sous-Bois, 2021-05-02.



65 | RUSTS | *Puccinia oxalidis* ex *Oxalis articulata* (pink wood sorrel)

A-B. Diseased leaf. C-D. Uredinia. E. Urediniospores. Villeneuve Tolosane, 2021-04-06.



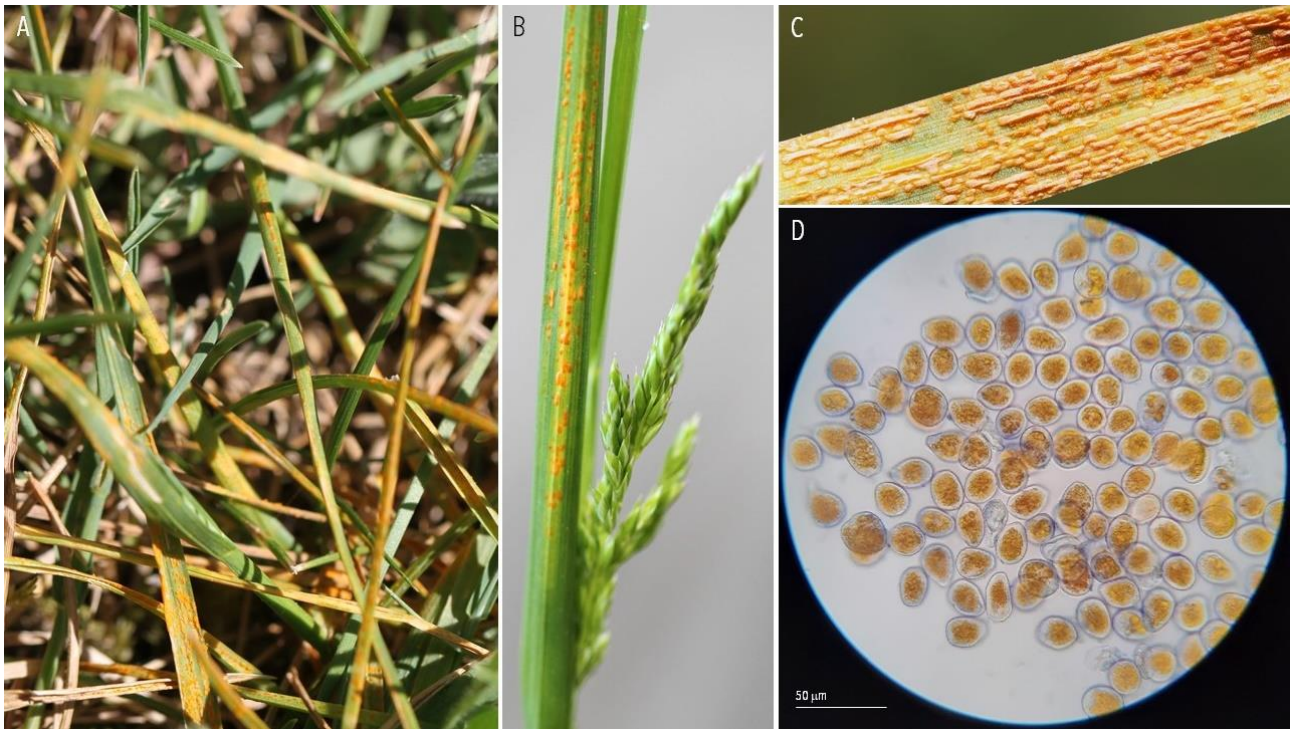
66 | RUSTS | *Puccinia picridis* ex *Picris hieracioides* (water mind)

A-B. Diseased plant. C. Urediniospores. Millau, 2020-07-18.



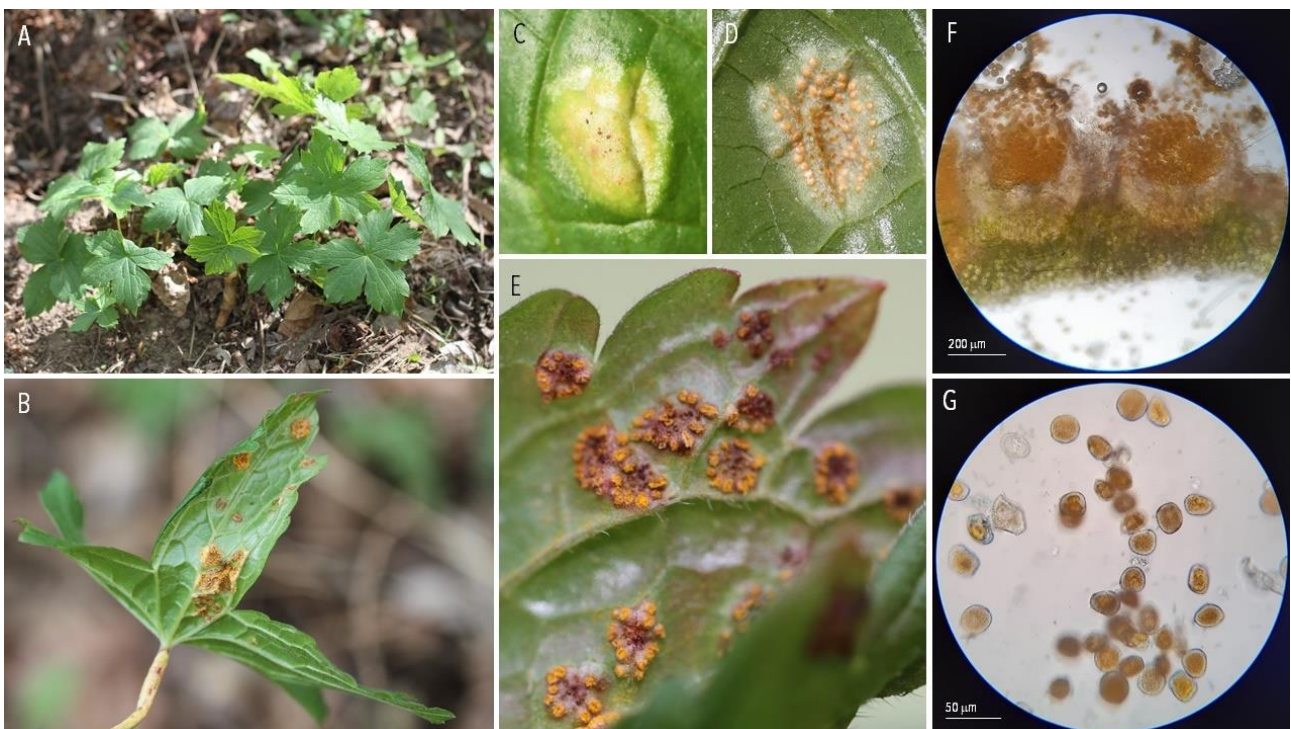
67 | RUSTS | *Puccinia poae-nemoralis* or *Puccinia pseudostriformis* (?) ex *Poa annua* (annual meadow grass)

A-B. Diseased plants. C. Uredinia. D. Urediniospores. Les Clayes-sous-Bois, 2020-04-26.



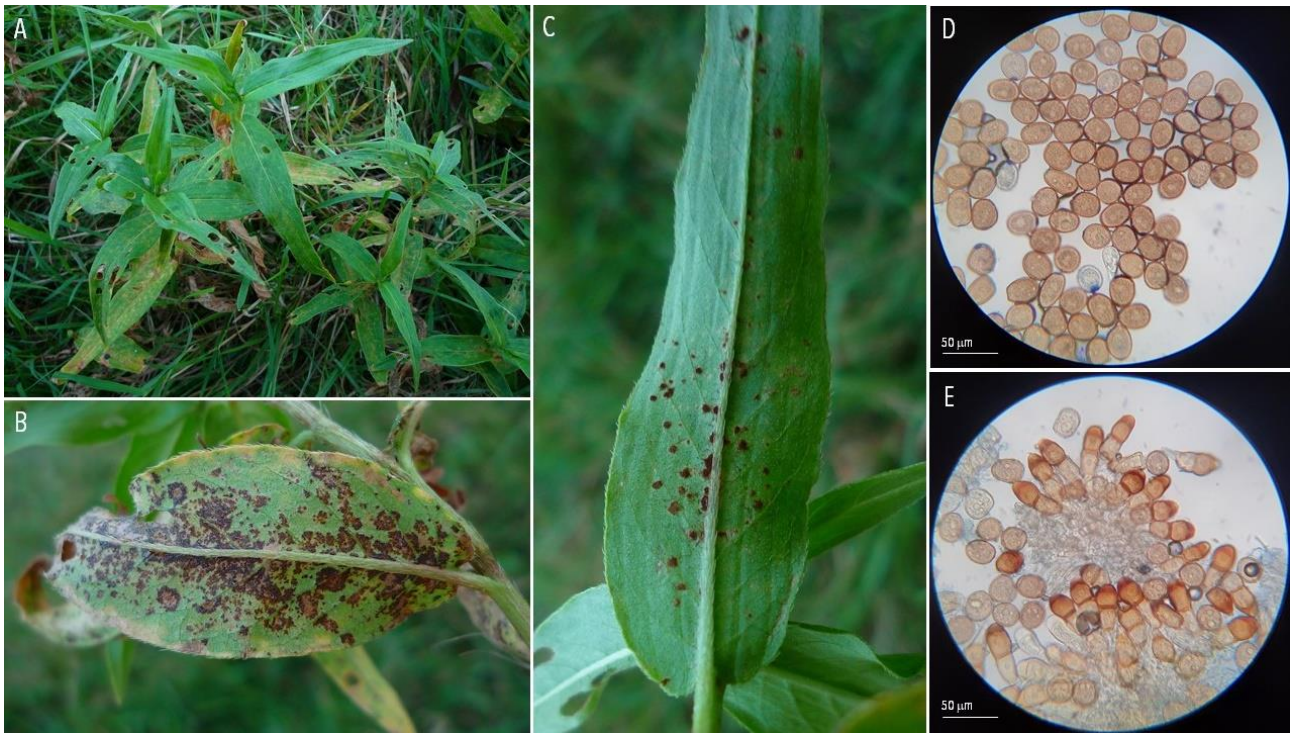
68 | RUSTS | *Puccinia polygoni* ex *Geranium nodosum* (knotted cranesbill)

A-B. Diseased plant. C-D. Pycnia. E-F. Aecia. G. Aeciospores. Massebiau, 2021-04-16.



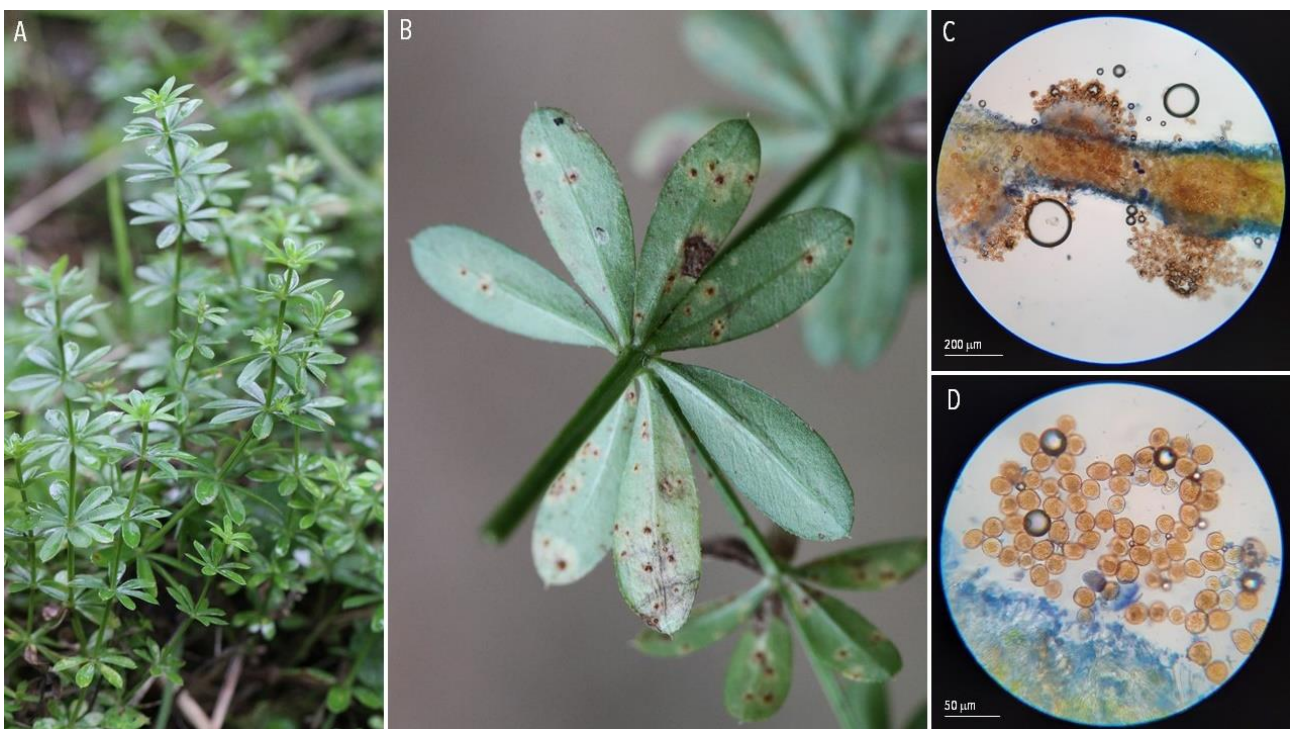
69 | RUSTS | *Puccinia polygoni-amphibii* ex *Persicaria maculosa* (lady's thumb)

A-B. Diseased plant. C. Uredinia. D. Urediniospores. E. Teliospores. Les Clayes-sous-Bois, 2020-09-12.



70 | RUSTS | *Puccinia punctata* ex *Galium mollugo* (sweet woodruff)

A. Diseased plant. B-C. Uredinia. D. Urediniospores. Sermizelles, 2020-08-16.



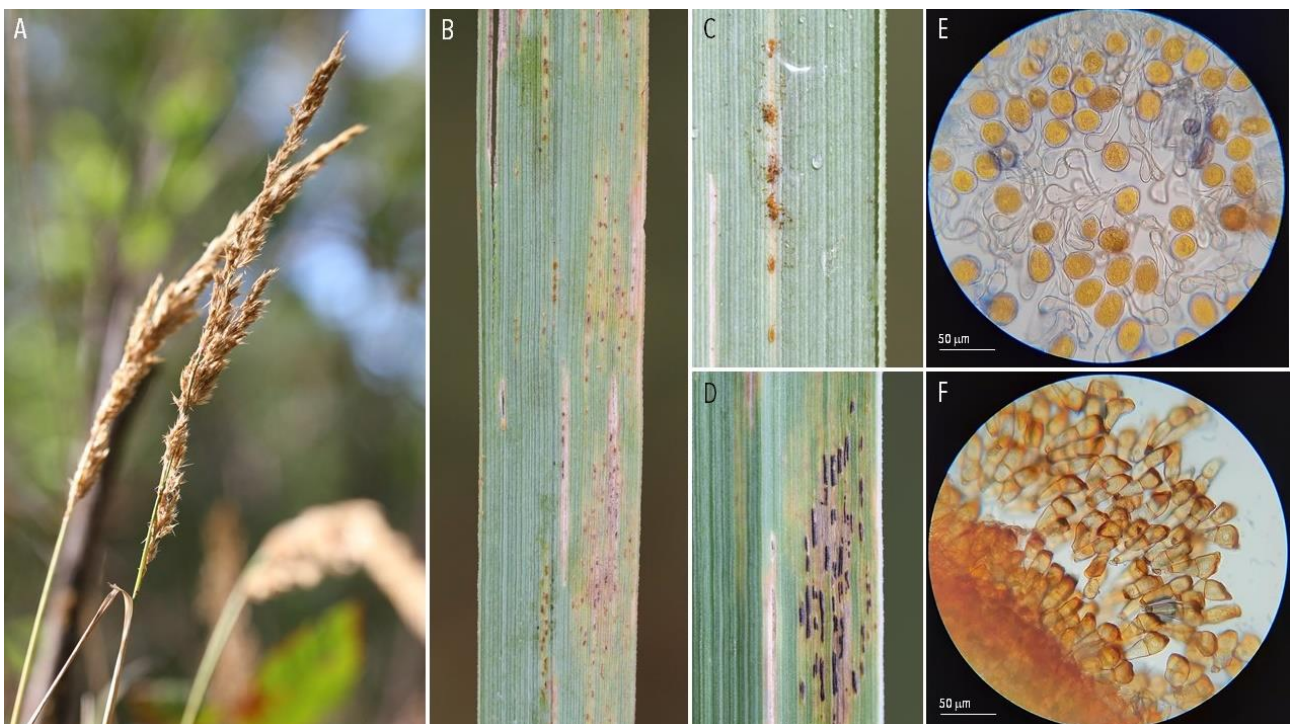
71 | RUSTS | *Puccinia punctiformis* ex *Cirsium arvense* (creeping thistle)

A. Diseased plant. B. Uredinia and telia. C-D. Urediniospores and teliospores. Les Clayes-sous-Bois, 2020-05-02.



72 | RUSTS | *Puccinia pygmaea* ex *Calamagrostis epigejos* (bushgrass)

A-B. Diseased plant. C. Uredinia. D. Telia. E. Urediniospores and paraphyses. F. Teliospores. Les Clayes-sous-Bois, 2020-10-03.



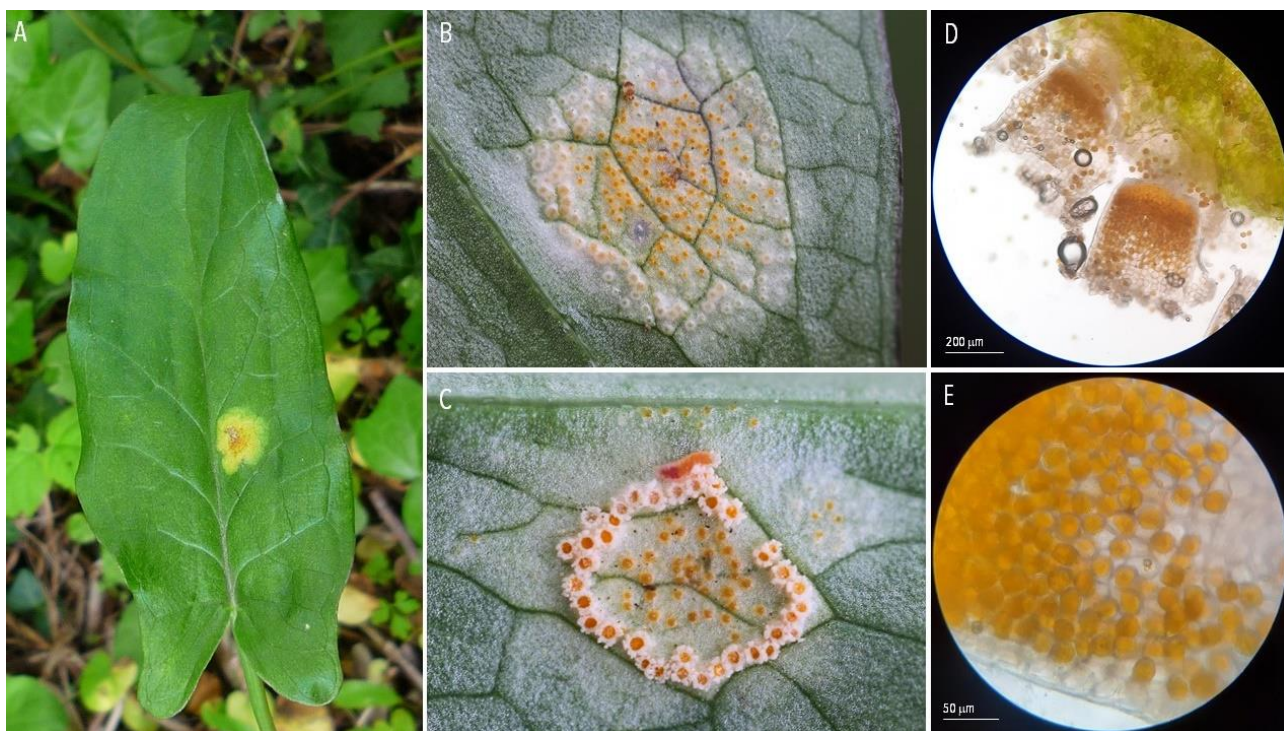
73 | RUSTS | *Puccinia scaliana* ex *Crepis bursifolia* (Italian hawkbeard)

A-B. Diseased plant. C-D. Uredinia. Villeneuve-Tolosane, 2021-01-03.

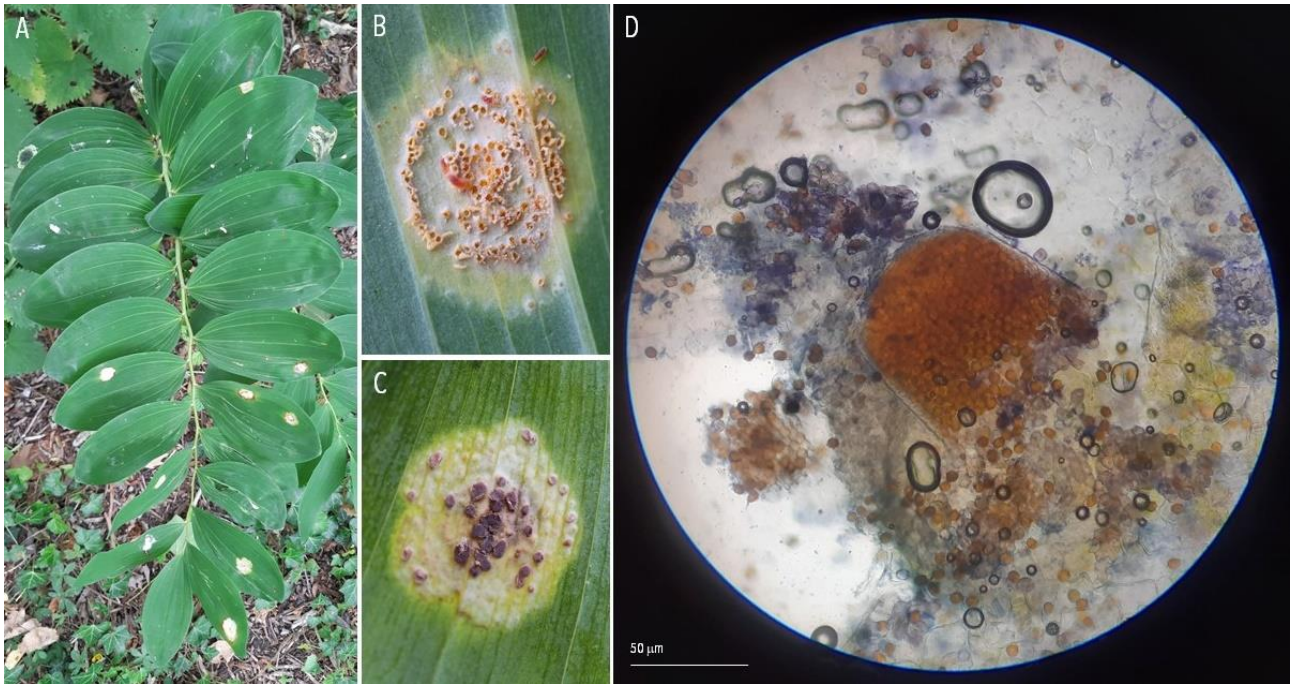


74 | RUSTS | *Puccinia sessilis* ex *Arum maculatum* (cuckoo pint), *Polygonatum multiflorum* (Solomon's seal) and *Phalaris arundinacea* (reed canary grass)

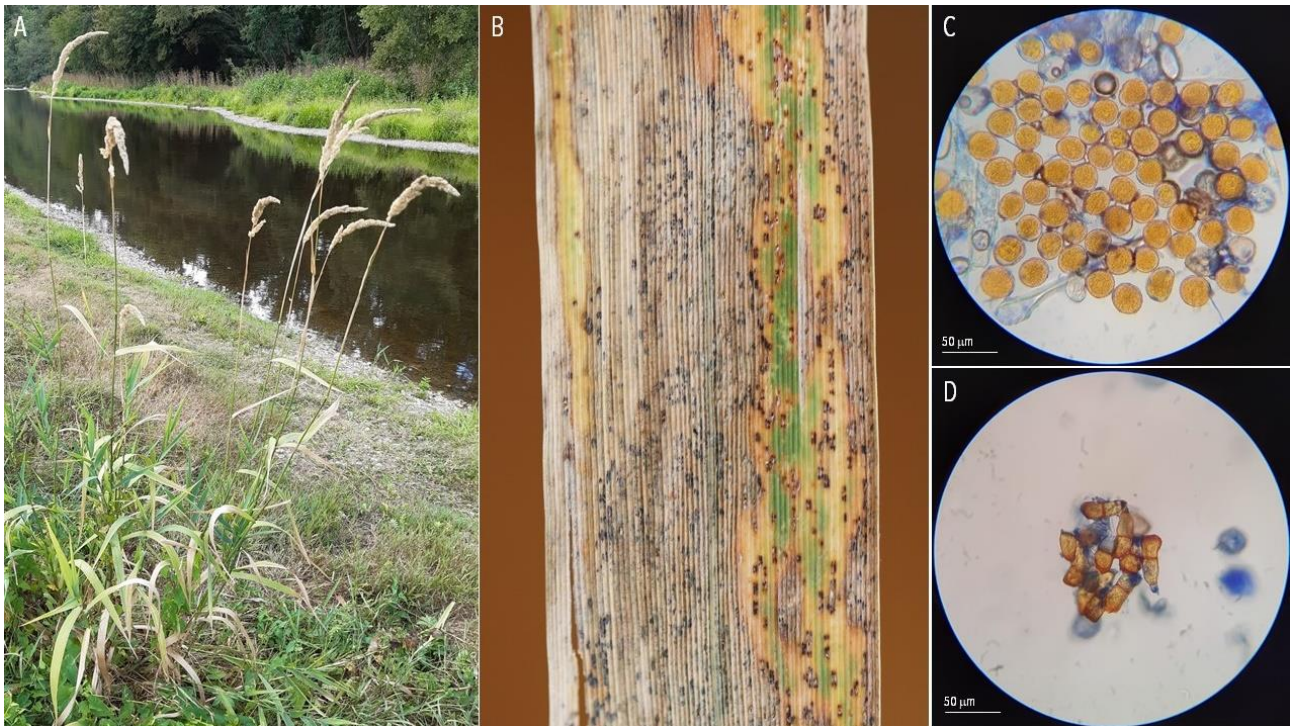
A. Diseased plant (*Arum maculatum*). B. Nymph of *Symphyleones* sp. feeding on pycnia. C. Larvae of *Mycodiplosis* sp. feeding on aecia. D. Aecia. E. Aeciospores. Versailles, 2021-05-14.



A. Diseased plant (*Polygonatum multiflorum*). B. Larvae of *Mycodiplosis* sp. feeding on aecia. C. Aecia infected with the hyperparasite *Tuberculina persicina*. D. Aecia and aeciospores. Choisel, 2020-06-07.

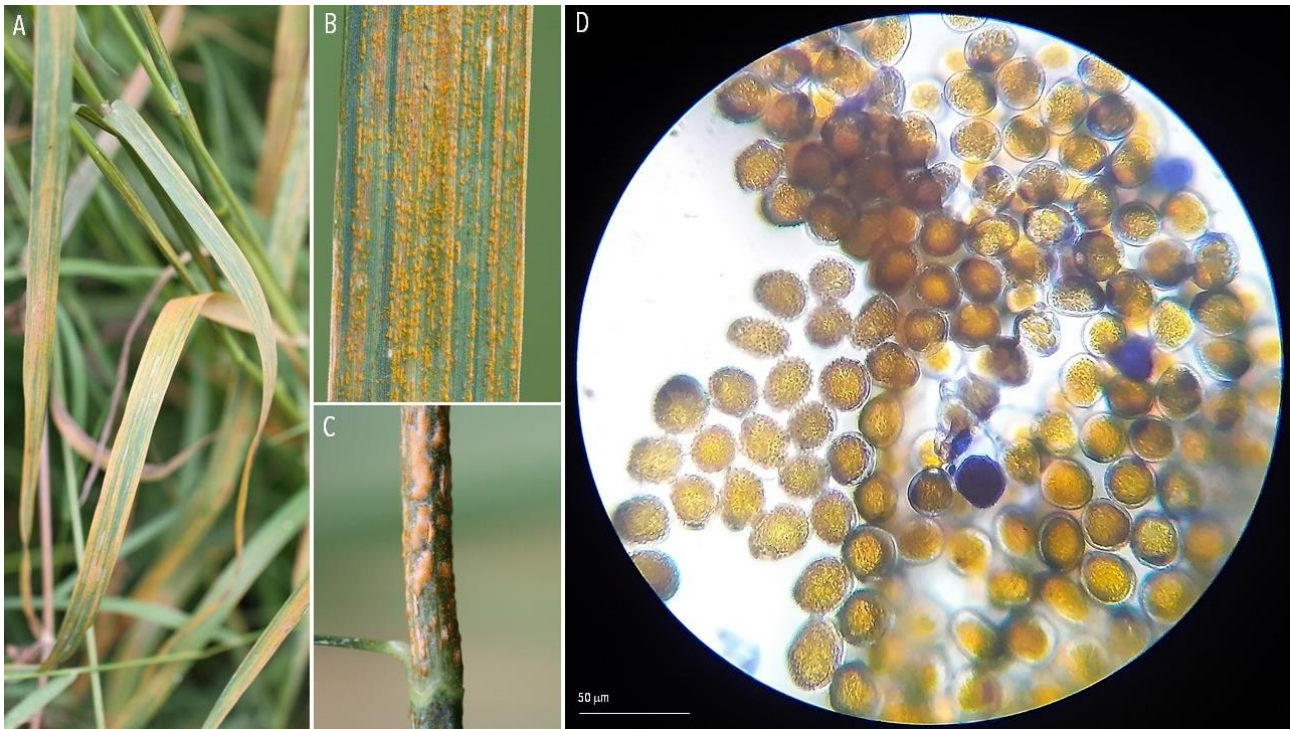


A. Diseased plant (*Phalaris arundinacea*). B. Uredinia and telia. C. Urediniospores. Teliospores. Sermizelles, 2020-08-18.



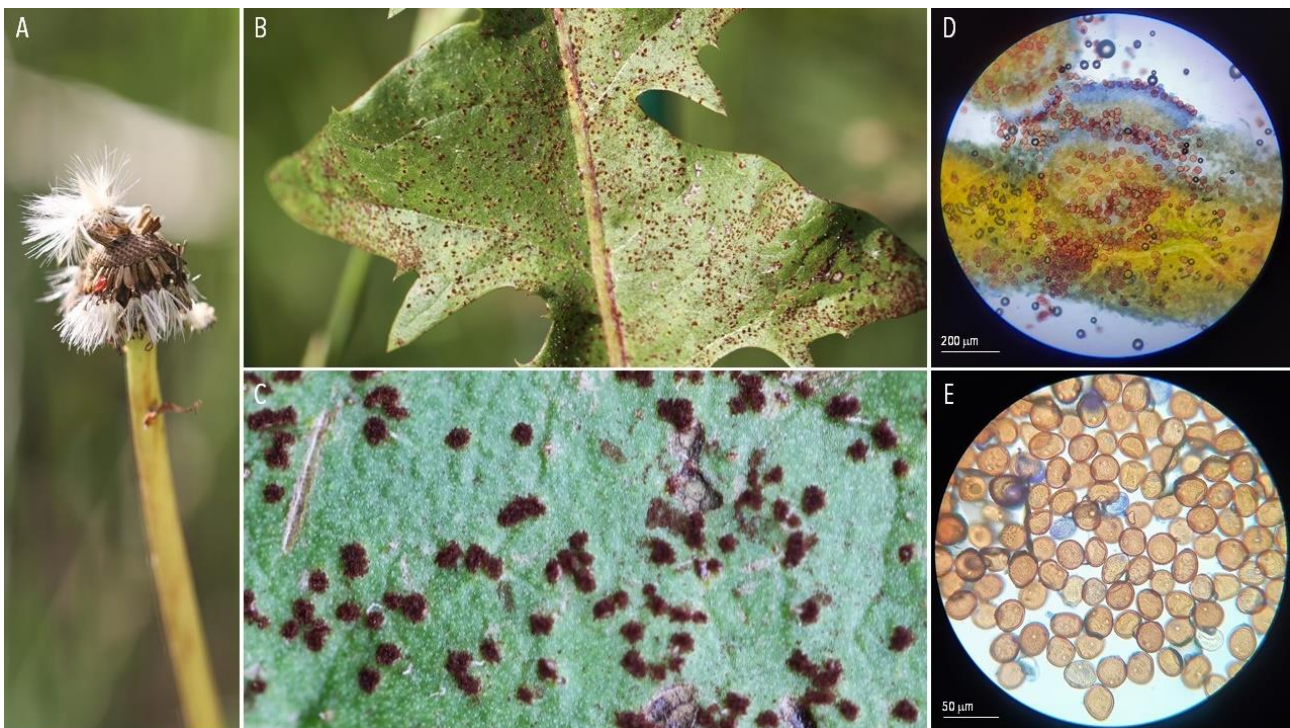
75 | RUSTS | *Puccinia striiformis* f. sp. *dactylidis* ex *Dactylis glomerata* (cock's-foot)

A. Diseased plant. B-C. Uredinia. D. Urediniospores. Les Clayes-sous-Bois, 2020-05-02; Le Chesnay, 2020-06-13.



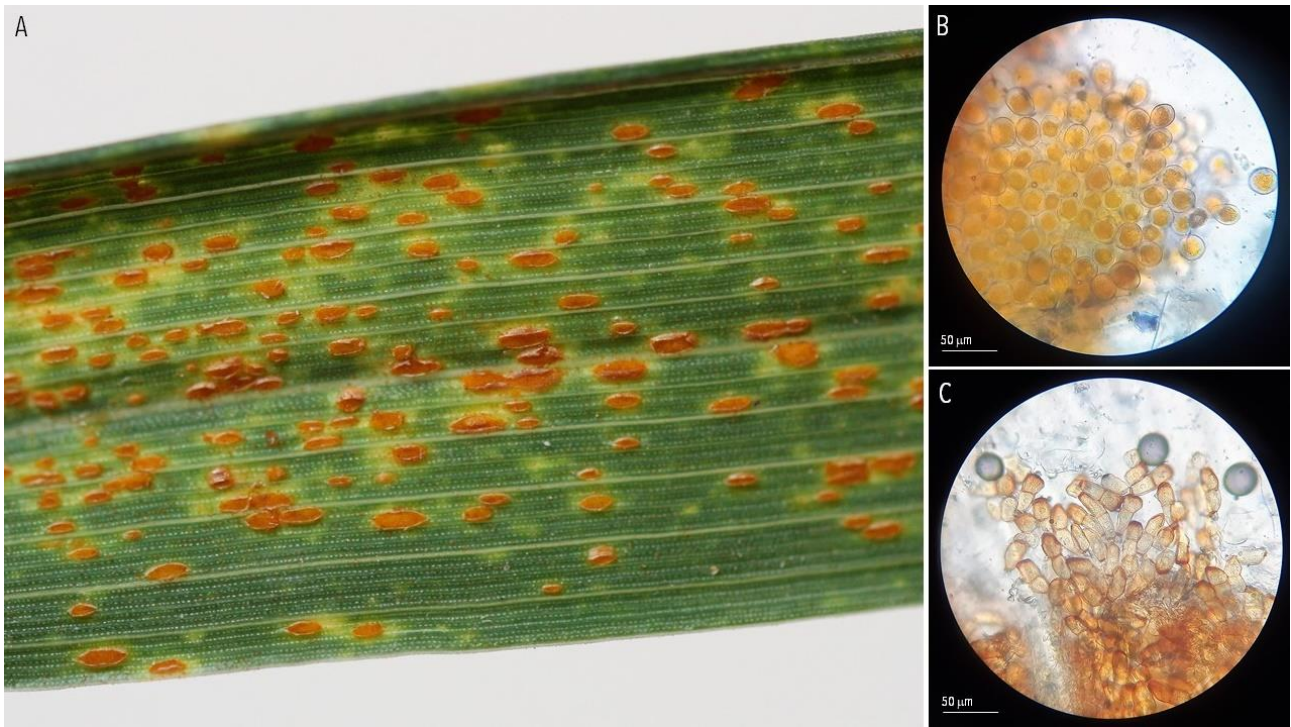
76 | RUSTS | *Puccinia taraxaci* ex *Taraxacum officinale* (common dandelion)

A-B. Diseased plant. C-D. Uredinia. E. Urediniospores. Les Clayes-sous-Bois, 2020-06-14.



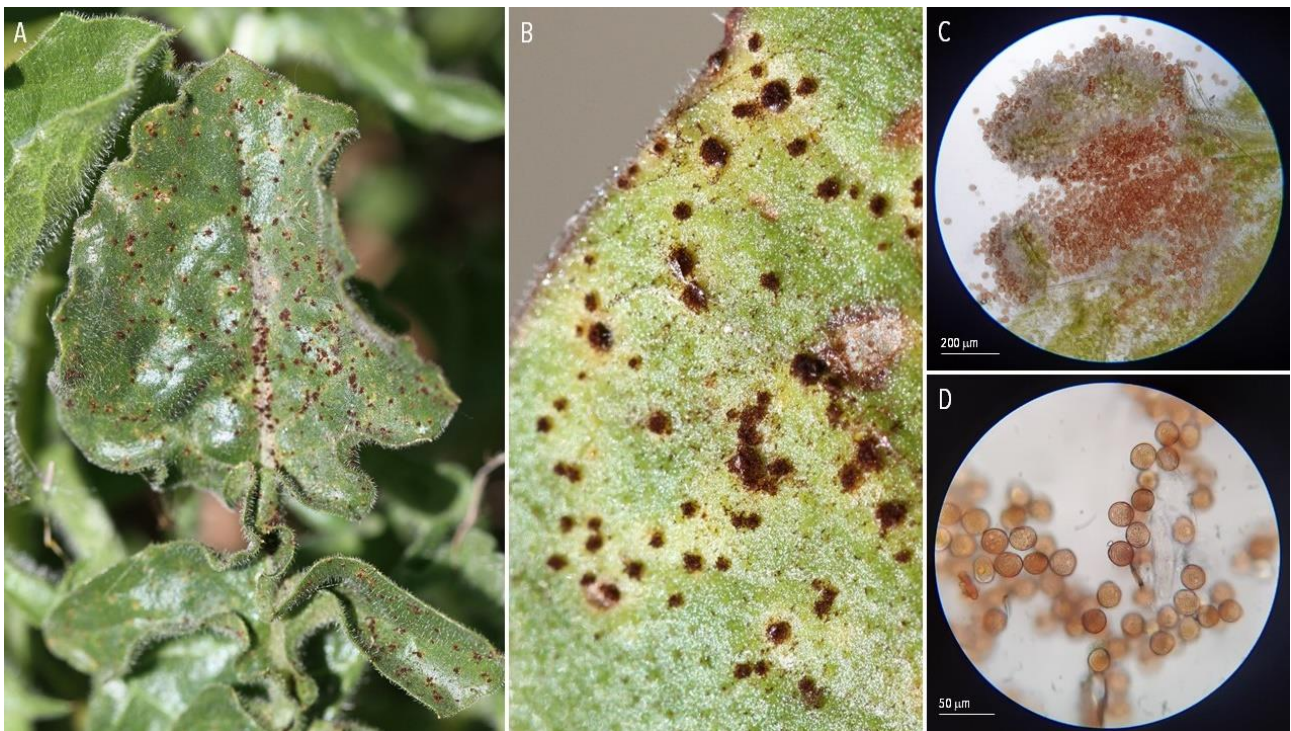
77 | RUSTS | *Puccinia triticina* ex *Triticum aestivum* (bread wheat)

A. Uredinia. B. Urediniospores. C. Teliospores. Thiverval-Grignon, 2020-06-05.

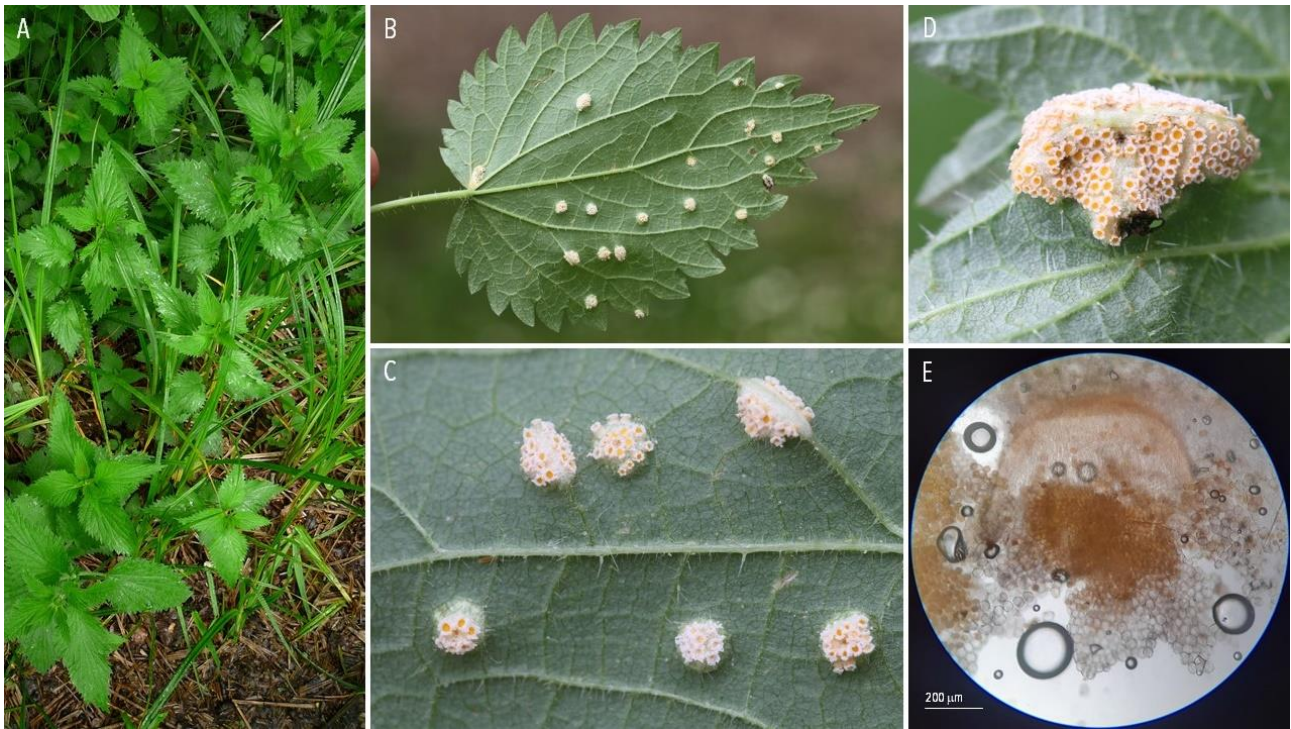


78 | RUSTS | *Puccinia urospermi* ex *Urospermum dalechampii* (smooth golden fleece)

A. Diseased leaf. B-C. Uredinia. D. Urediniospores. Villeneuve-Tolosane, 2021-04-06.



A. Diseased plant (*Urtica dioica*). B-D. Aecia. D. Aecia and aeciospores. Orgeval, 2021-05-24.



A-D. Diseased plant (*Carex riparia*). E-F. Uredinia. G. Urediniospores. Choisel, 2020-06-07; Orgeval, 2021-05-24.



A. Diseased plant (*Urtica dioica*). B-C. Aecia. D. Aeciospores. Le Chesnay, 2020-05-02.

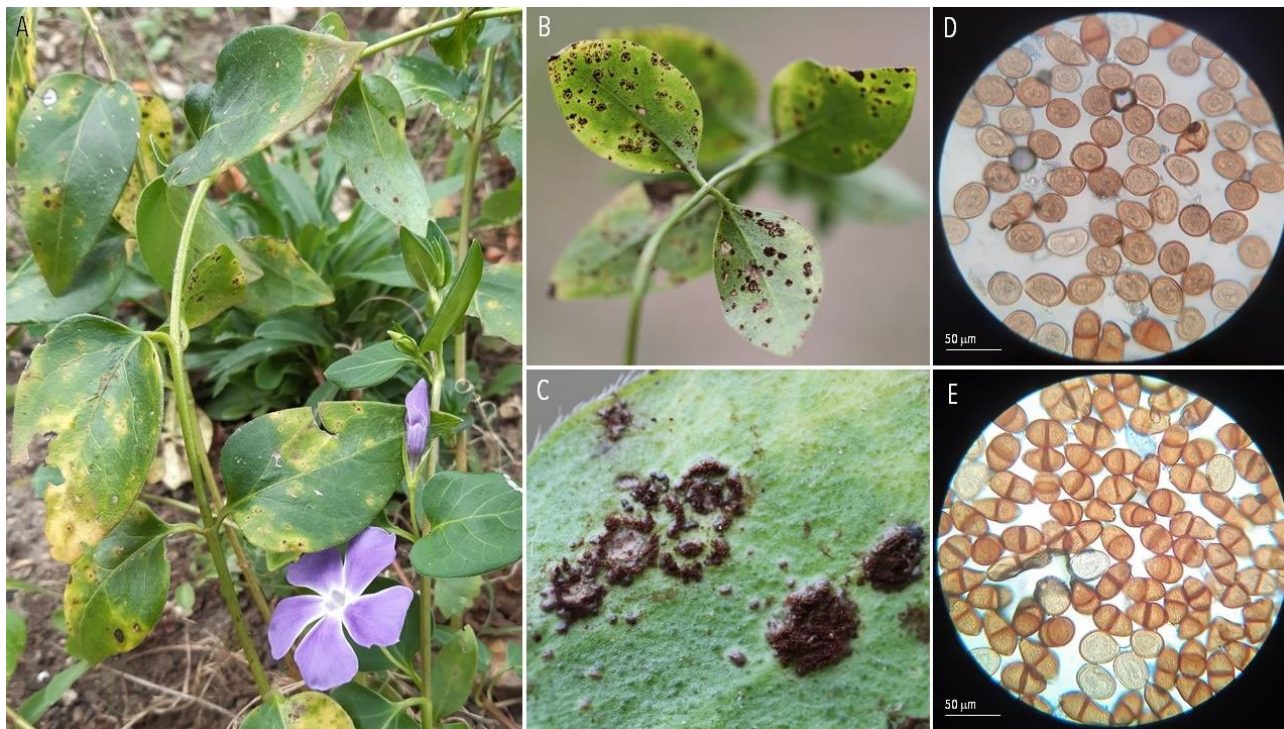


A-B. Diseased plant (*Carex hirta*). C. Uredinia and telia. D. Urediniospores. E. Teliospores. Les Clayes-sous-Bois, 2020-06-05; Le Chesnay, 2020-05-02.



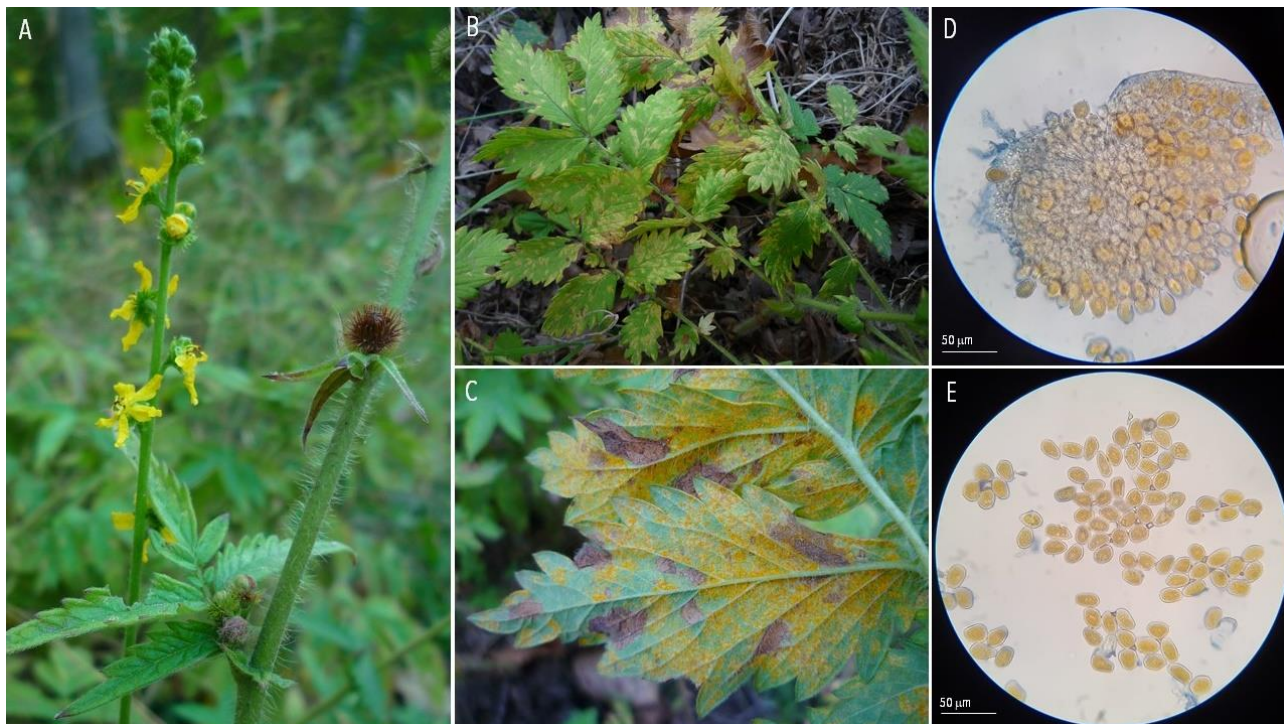
81 | RUSTS | *Puccinia vincae* ex *Vinca major* (bigleaf periwinkle)

A. Diseased plant. B-C. Uredinia and telia. D. Urediniospores. E. Teliospores. Les Clayes-sous-Bois, 2020-09-19; Millau, 2020-10-20.

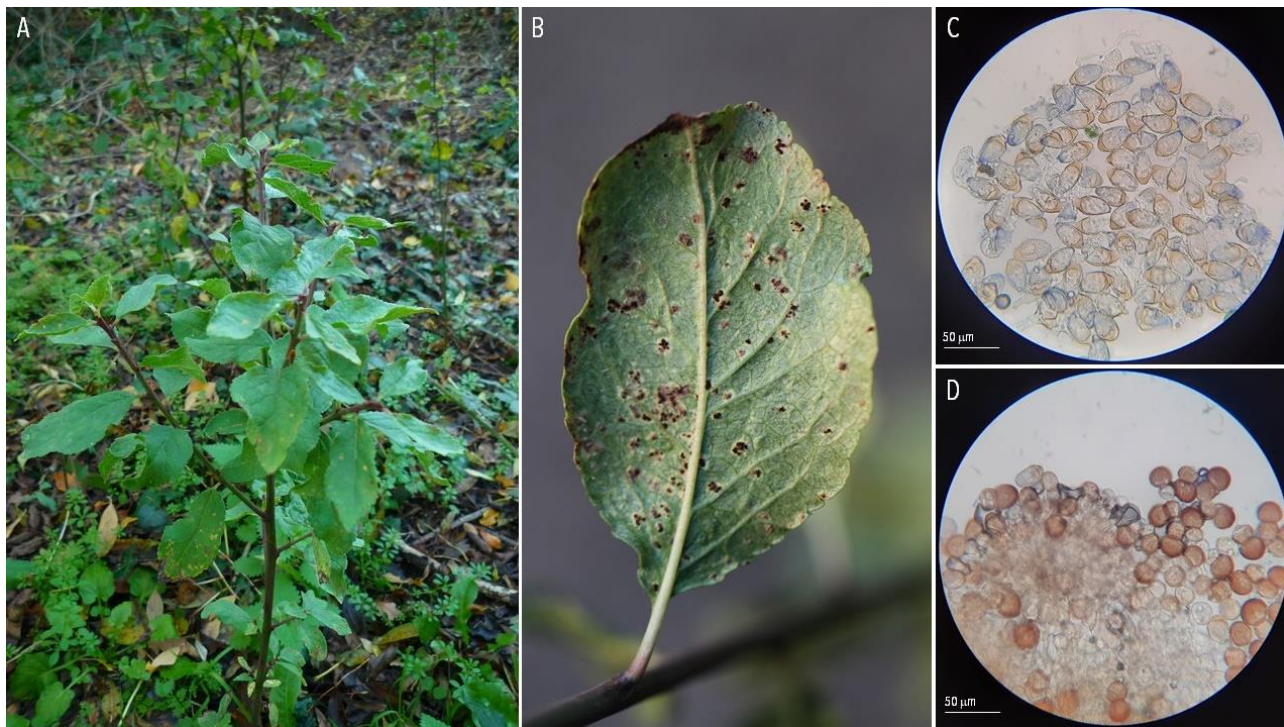


82 | RUSTS | *Pucciniastrum agrimoniae* ex *Agrimonia eupatoria* (agrimony)

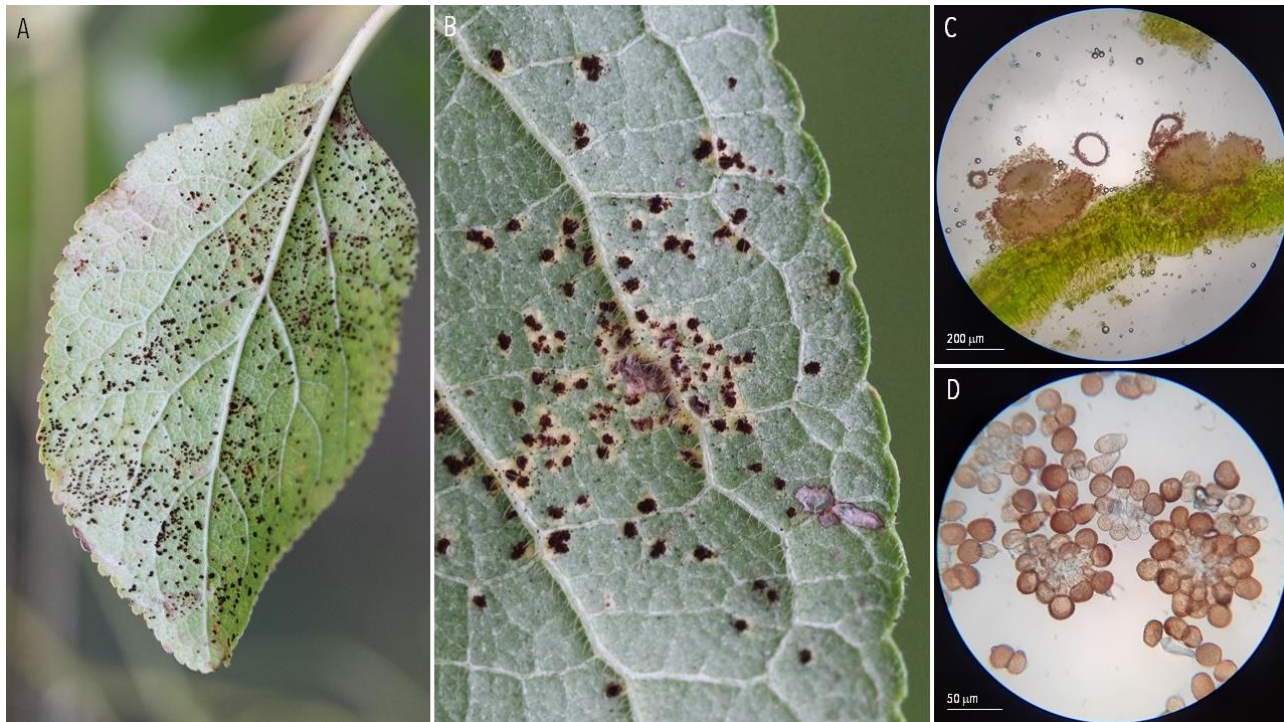
A-B. Diseased plant. C. Uredinia. D-E. Urediniospores. Les Clayes-sous-Bois, 2020-09-12.



A. Diseased plant (*Prunus spinosa*). B. Uredinia and telia. C. Urediniospores. D. Teliospores. Les Clayes-sous-Bois, 2020-11-20 (Lopez-Franco & Hennen, 1990).

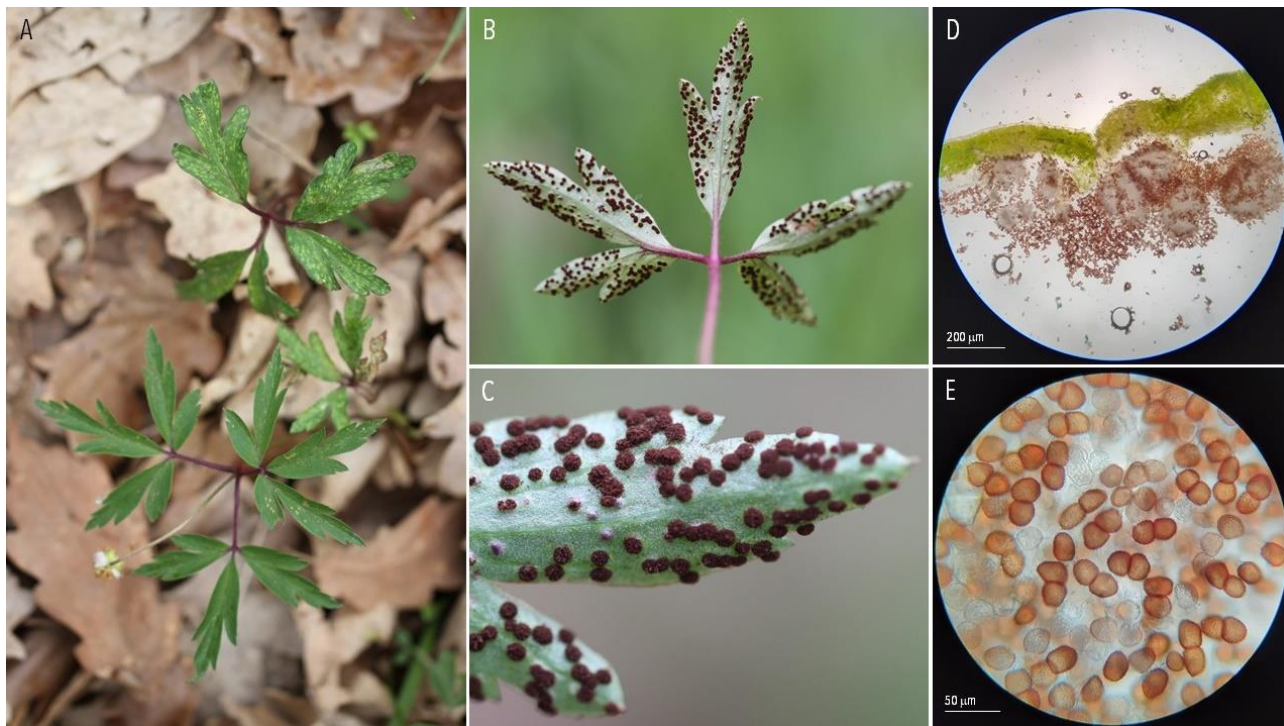


A. Diseased leaf (*Prunus domestica*). B. Telia. C-D. Teliospores. Millau, 2020-10-19 (Lopez-Franco & Hennen, 1990).



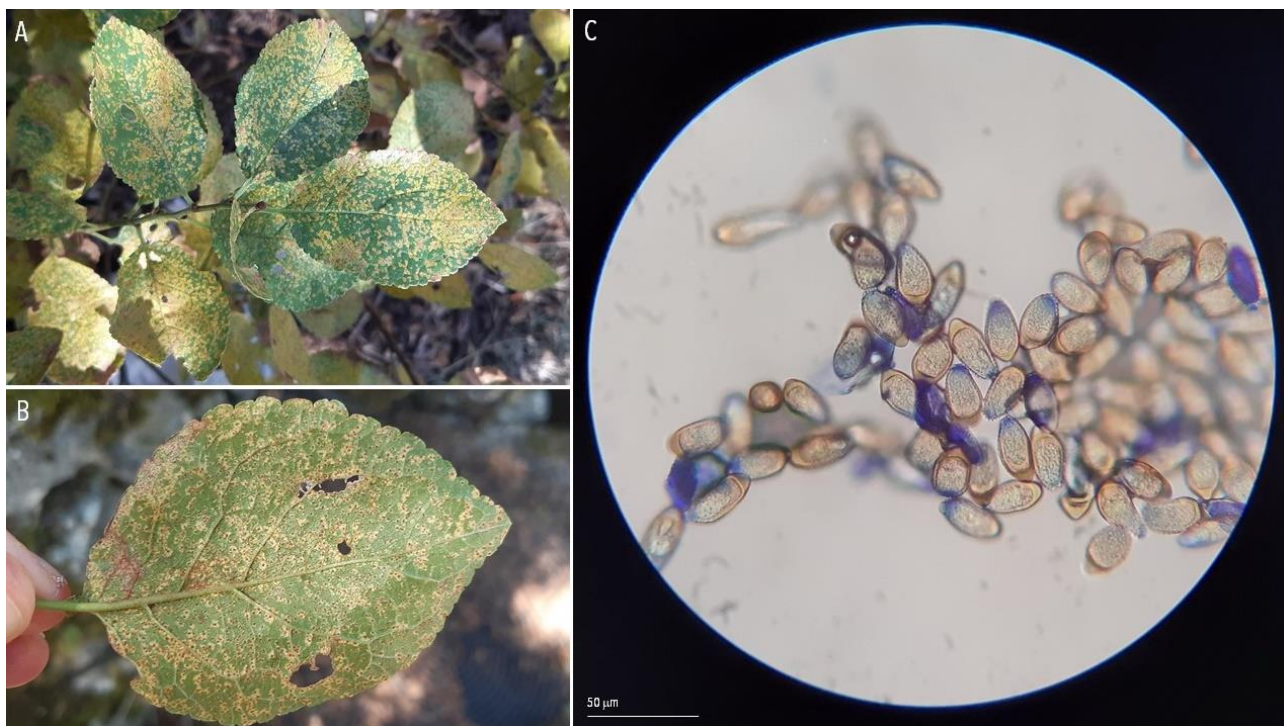
84 | RUSTS | *Tranzschelia fusca* ex *Anemone nemorosa* (wood anemone)

A-B. Diseased plant. C-D. Telia. D. Teliospores. Saint-Léger en Yvelines, 2021-05-01.



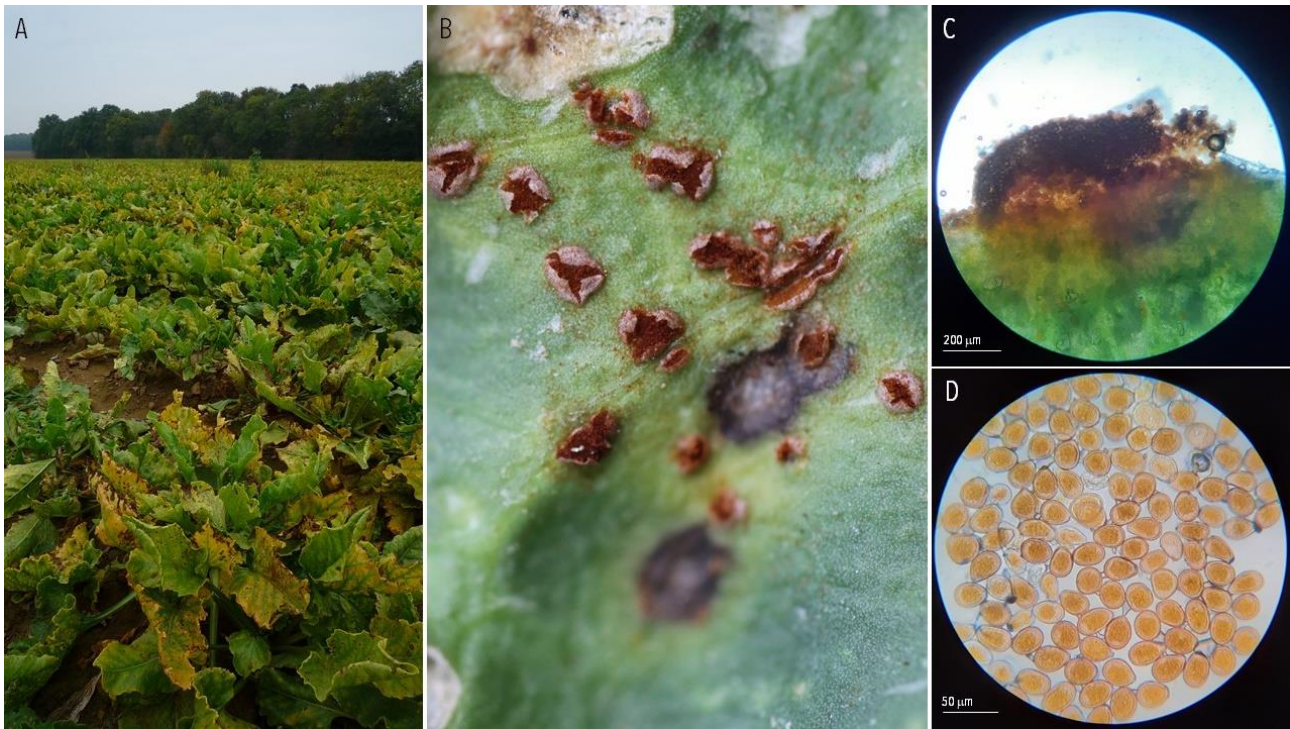
85 | RUSTS | *Tranzschelia pruni-spinosae* (?) ex *Prunus* sp. (plum)

A. Diseased plant. B. Uredinia. C. Urediniospores. Saint-Chels, 2020-08-08.



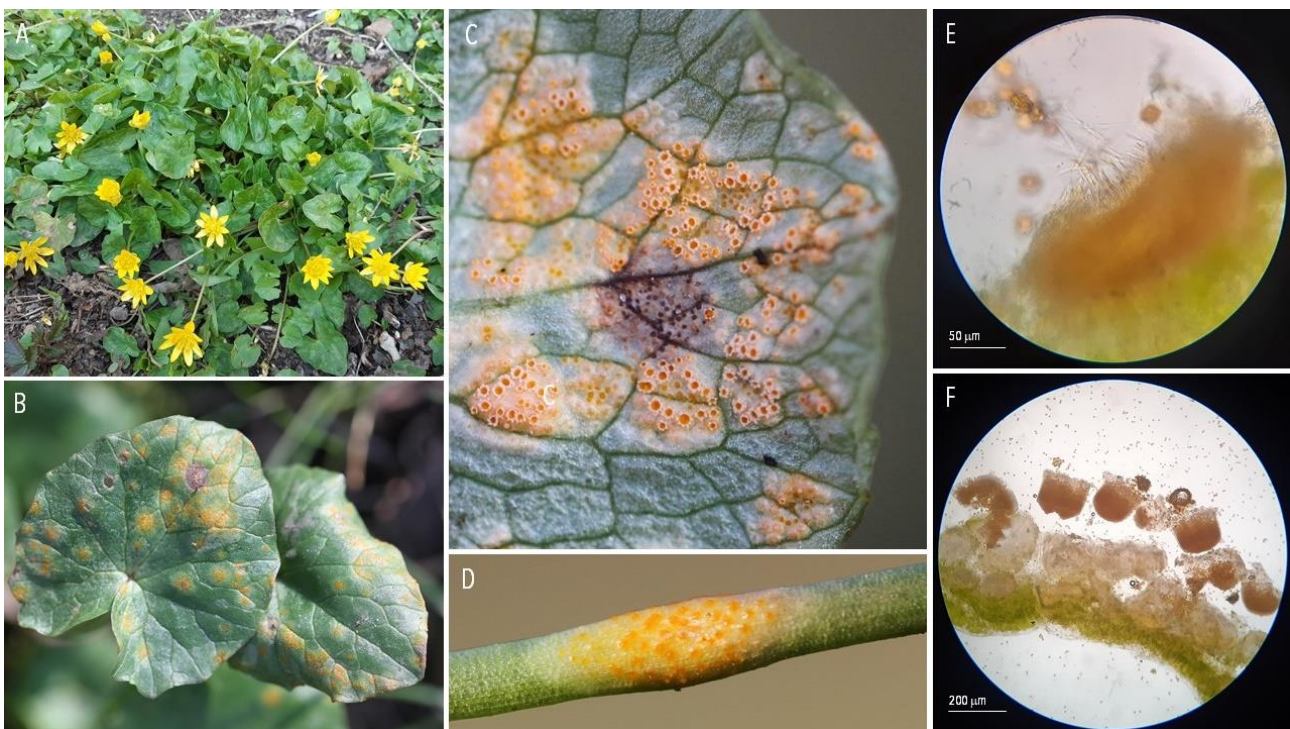
86 | RUSTS | *Uromyces beticola* ex *Beta vulgaris* (beet)

A. Diseased plants. B-C. Uredinia. D. Urediniospores and teliospores. Orsonville, 2020-10-17.

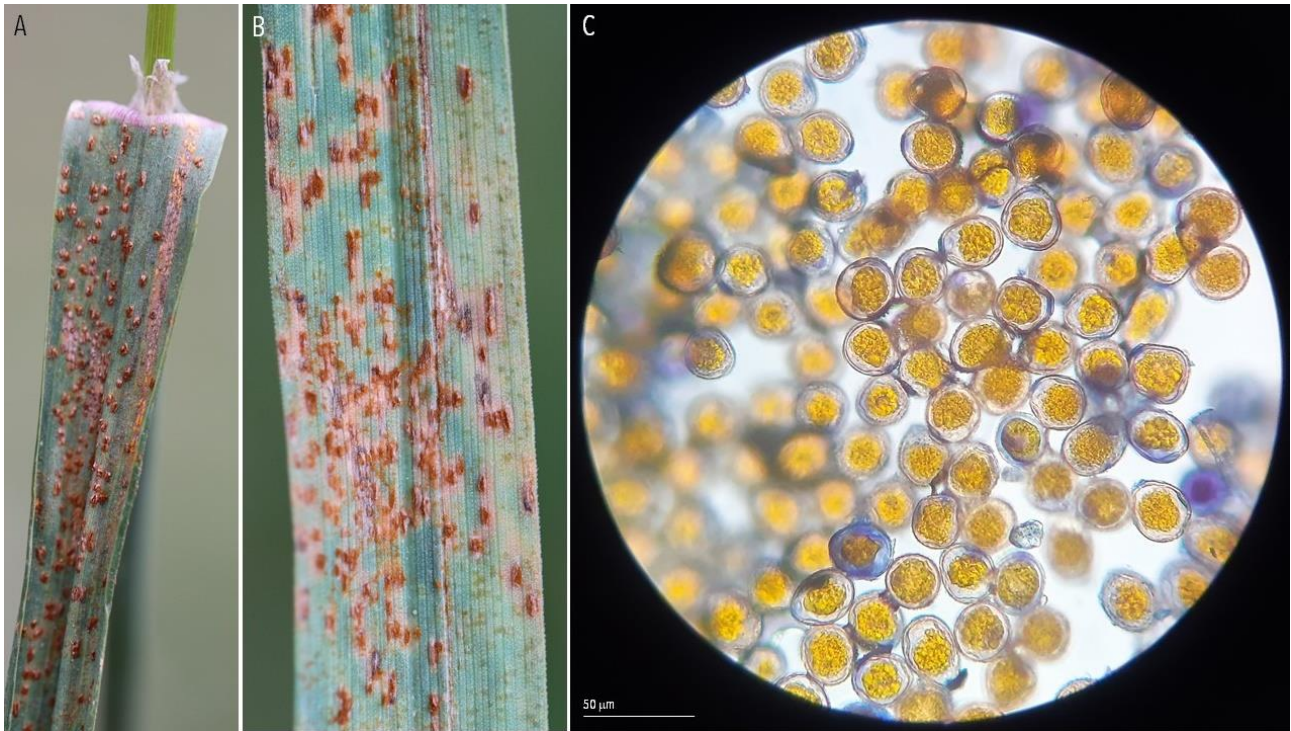


87 | RUSTS | *Uromyces dactylidis* ex *Ficaria verna* (lesser celandine) and *Dactylis glomerata* (cock's-foot)

A-B. Diseased plant (*Ficaria verna*). C. Pycnia and aecia. D-E. Pycnia. F. Aecia. Les Clayes-sous-Bois, 2020-03-20.

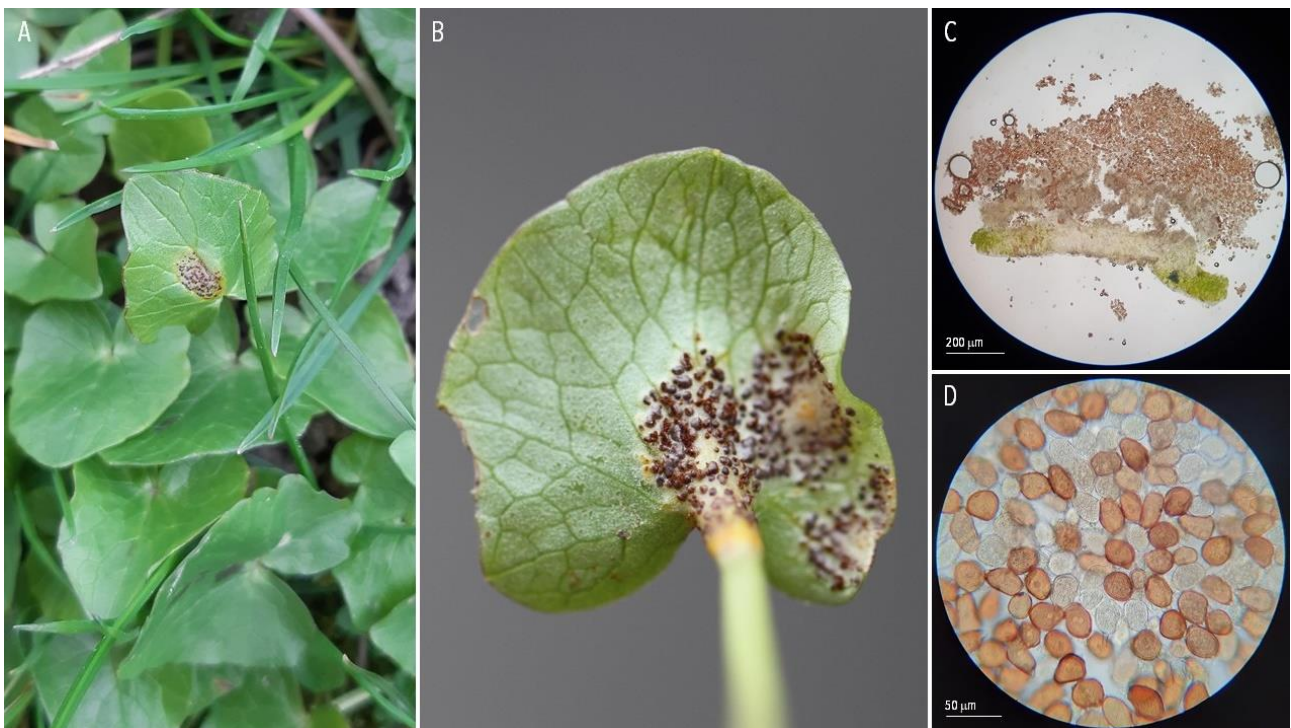


A. Diseased leaf (*Dactylis glomerata*). B. Uredinia. C. Urediniospores. Le Chesnay, 2020-06-13.



88 | RUSTS | *Uromyces ficariae* ex *Ficaria verna* (lesser celandine)

A. Diseased plant. B. Uredinia and telia. C-D. Urediniospores and teliospores. Thiverval-Grignon, 2020-03-22.



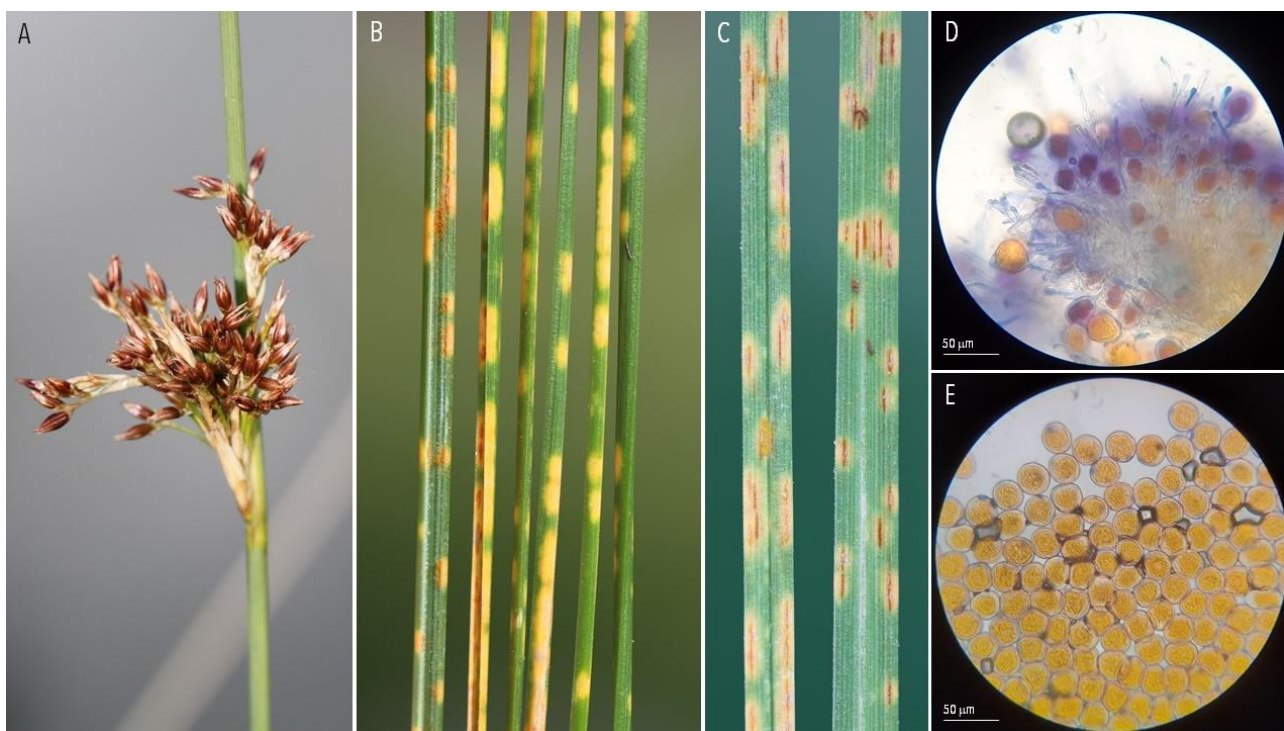
89 | RUSTS | *Uromyces hyacinthi* ex *Hyacinthoides non-scripta* (common bluebell)

A-B. Diseased plant. C-F. Telia. G. Teliospores. Les Clayes-sous-Bois, 2021-04-28.



90 | RUSTS | *Uromyces junci* ex *Juncus inflexus* (rush)

A-B. Diseased plant. C. Uredinia. D-E. Urediniospores. Les Clayes-sous-Bois, 2020-06-14.



91 | RUSTS | *Uromyces lathyri-latifolii* ex *Lathyrus latifolius* (everlasting pea)

A-B. Diseased plant. C-D. Uredinia and telia. E. Urediniospores and teliospores. Thiverval-Grignon, 2020-11-09.



92 | RUSTS | *Uromyces muscari* ex *Muscari armeniacum* (grape hyacinth)

A-B. Diseased plant. C-F. Telia. G. Teliospores. Les Clayes-sous-Bois, 2021-04-30.



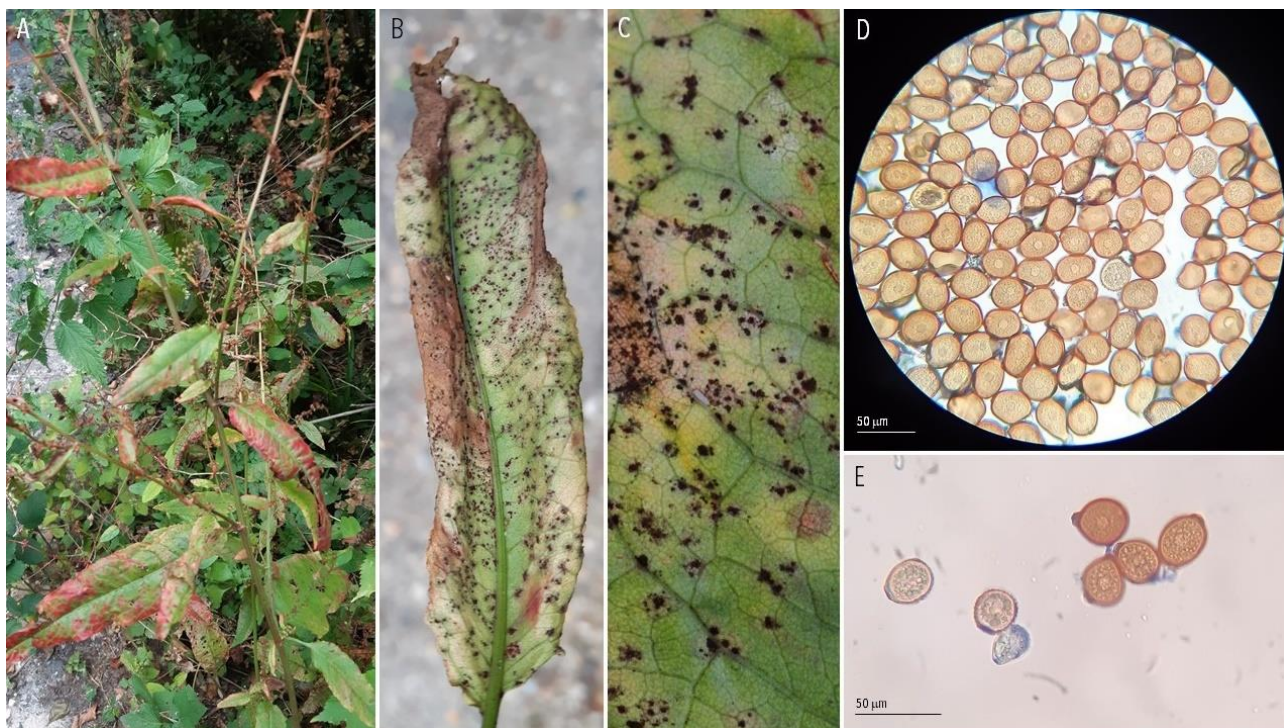
93 | RUSTS | *Uromyces plumbarius* ex *Oenothera gaura* syn. *Gaura biennis* (biennial gaura)

A-B. Diseased plant. C-D. Telia. E. Teliospores. Les Clayes-sous-Bois, 2020-11-20 (Bisby, 1916; Kern & Whetzel, 1926; Hennen & Cummins, 1967).

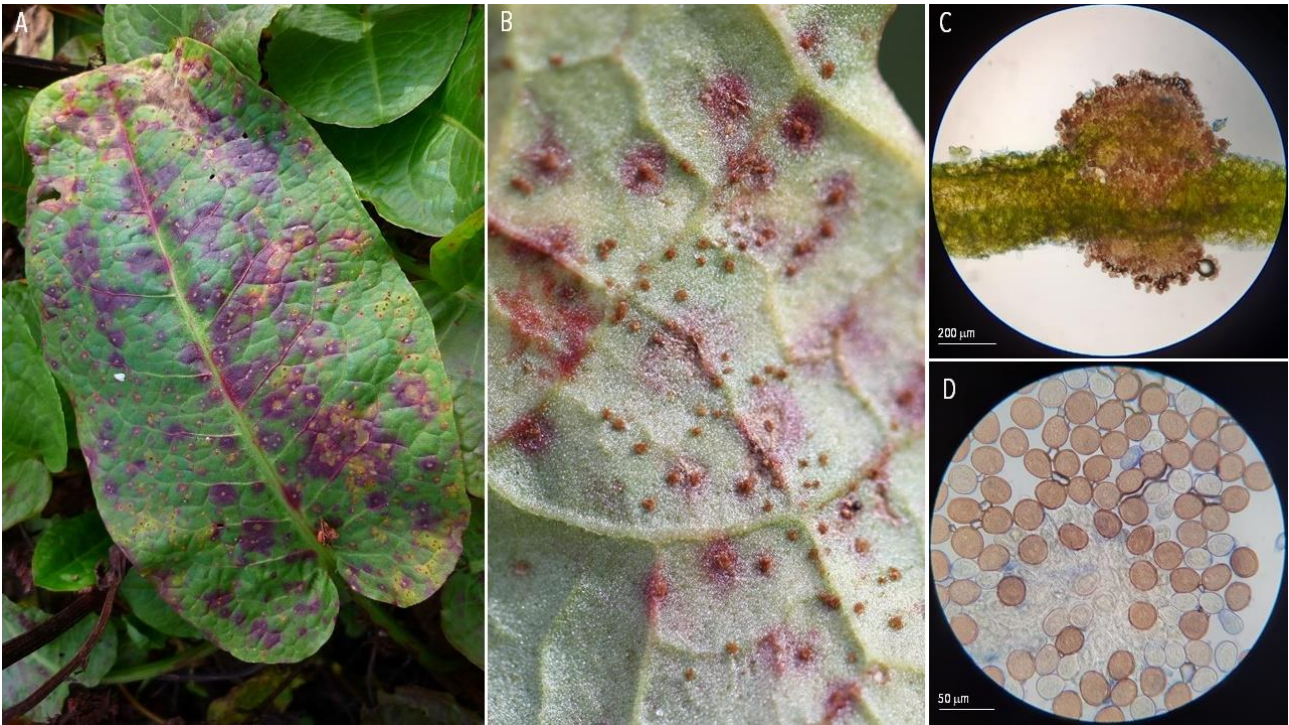


94 | RUSTS | *Uromyces rumicis* ex *Rumex crispus* (curly dock) and *Rumex obtusifolius* (bitter dock)

A-B. Diseased plant (*Rumex crispus*). C. Uredinia and telia. D-E. Urediniospores and teliospores. Les Clayes-sous-Bois, 2020-07-27.

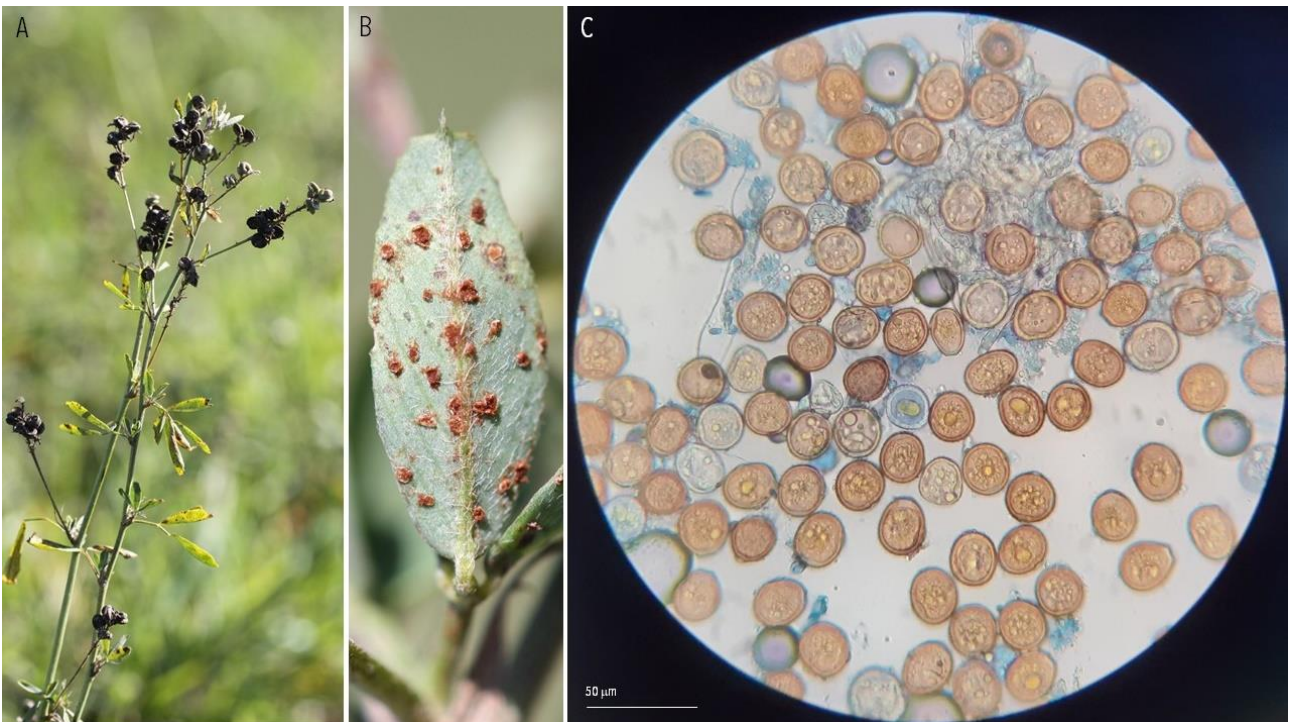


A. Diseased leaf (*Rumex obtusifolius*). B-C. Uredinia and telia. D. Urediniospores and teliospores. Les Clayes-sous-Bois, 2020-11-07.

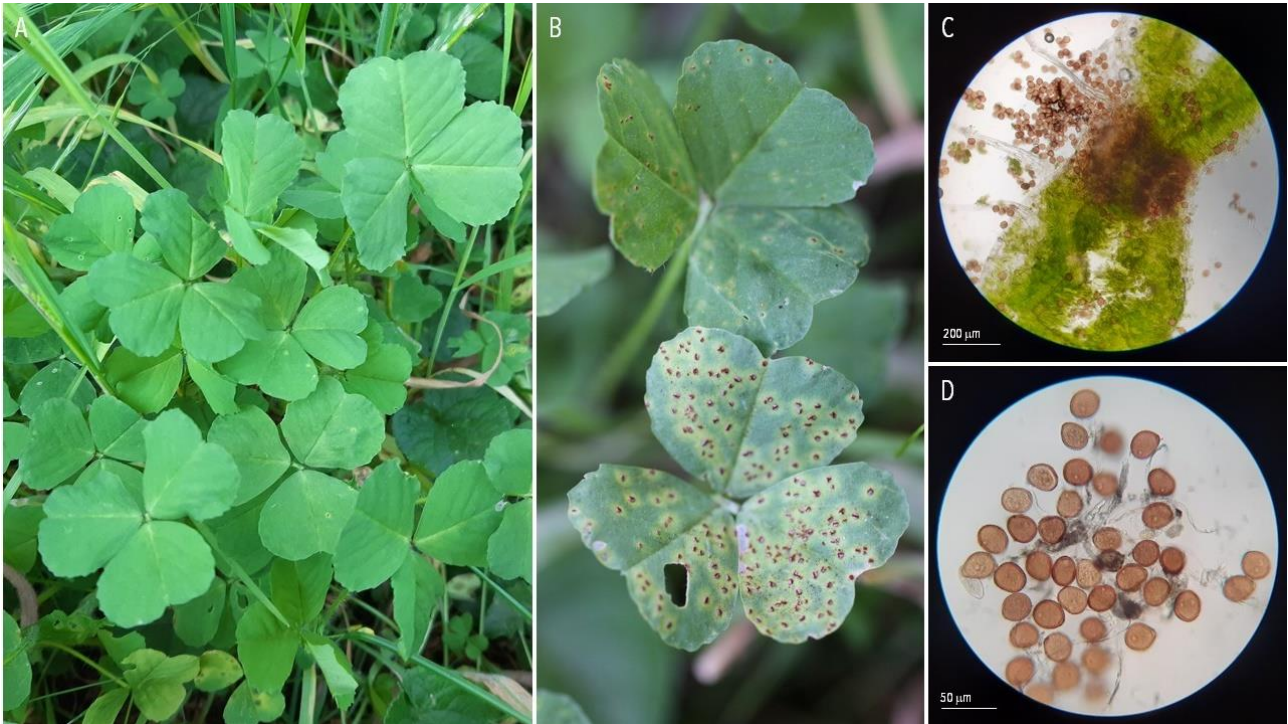


95 | RUSTS | *Uromyces striatus* ex *Medicago sativa* (alfalfa) and *Medicago arabica* (spotted medick)

A. Diseased plant (*Medicago sativa*). B. Uredinia. C. Urediniospores. La Cavalerie, 2020-10-18.

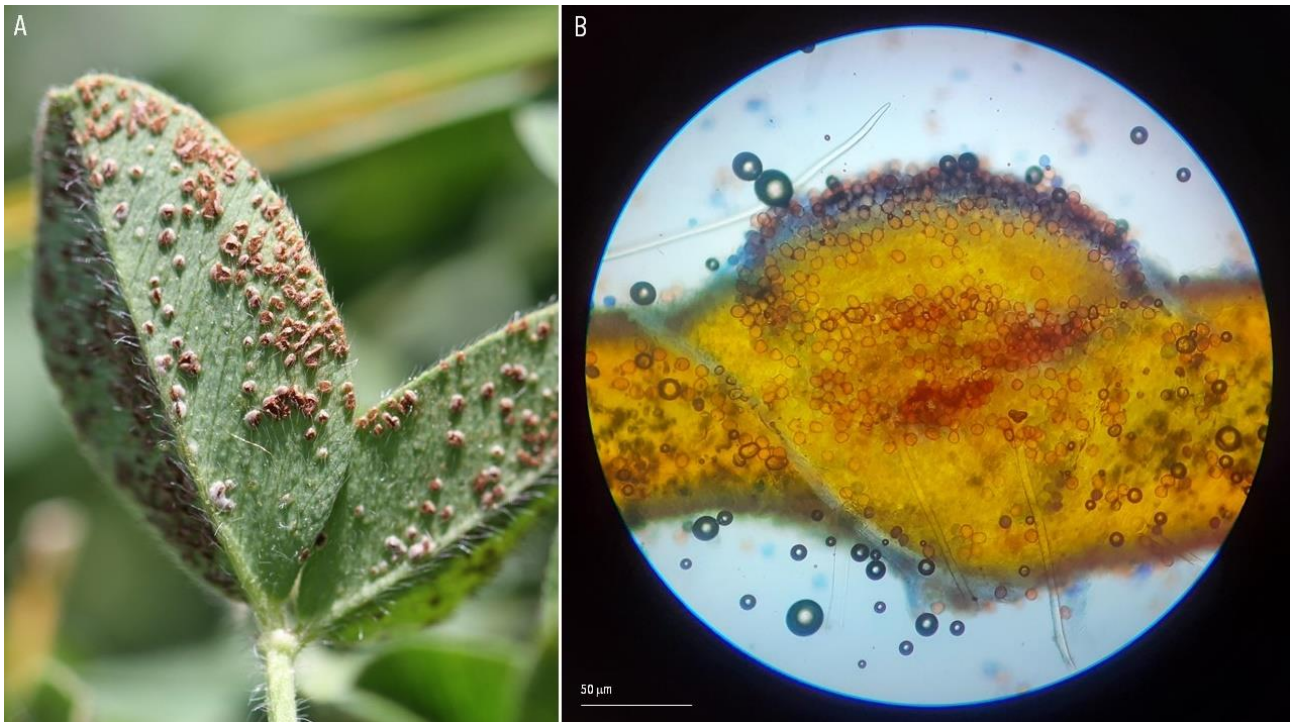


A. Diseased plant (*Medicago arabica*). B-C. Uredinia and telia. C. Urediniospores and teliospores. Villeneuve-Tolosane, 2021-04-05.



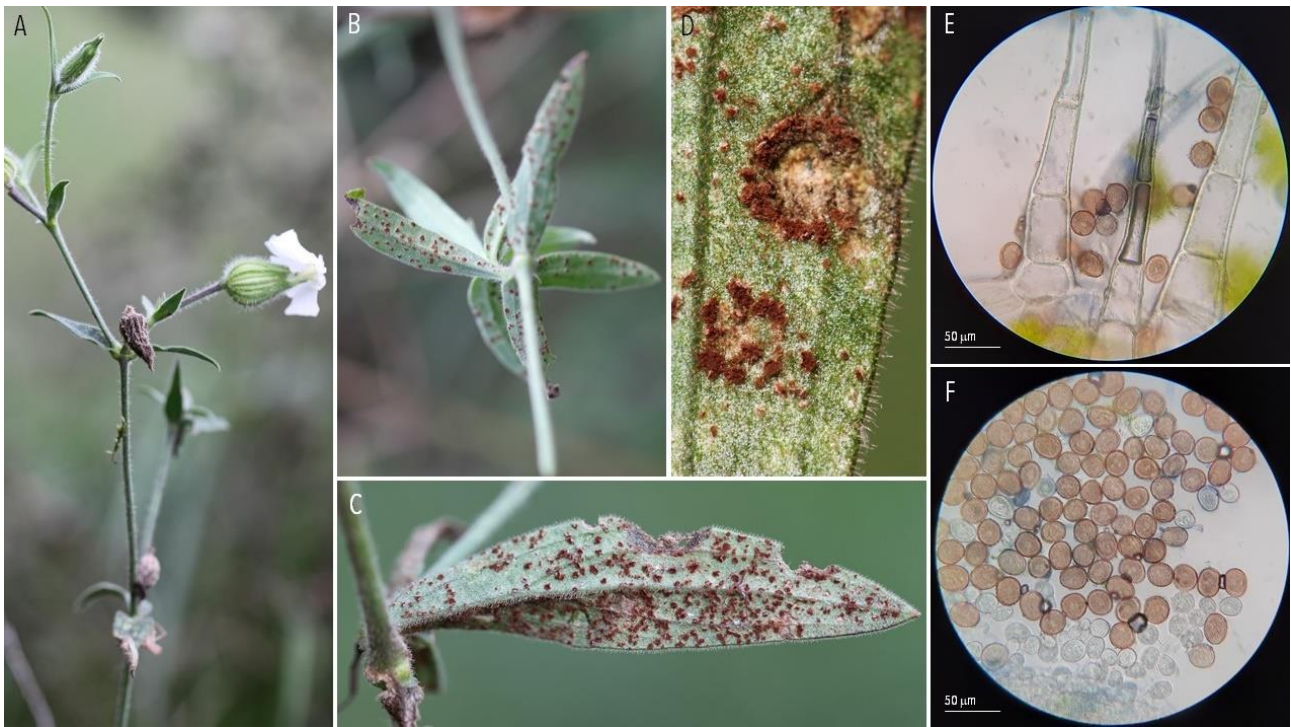
96 | RUSTS | *Uromyces trifolii-repentis* ex *Trifolium pratense* (red clover)

A. Diseased leaf. B. Uredinia and urediniospores. Les Clayes-sous-Bois, 2020-04-26.



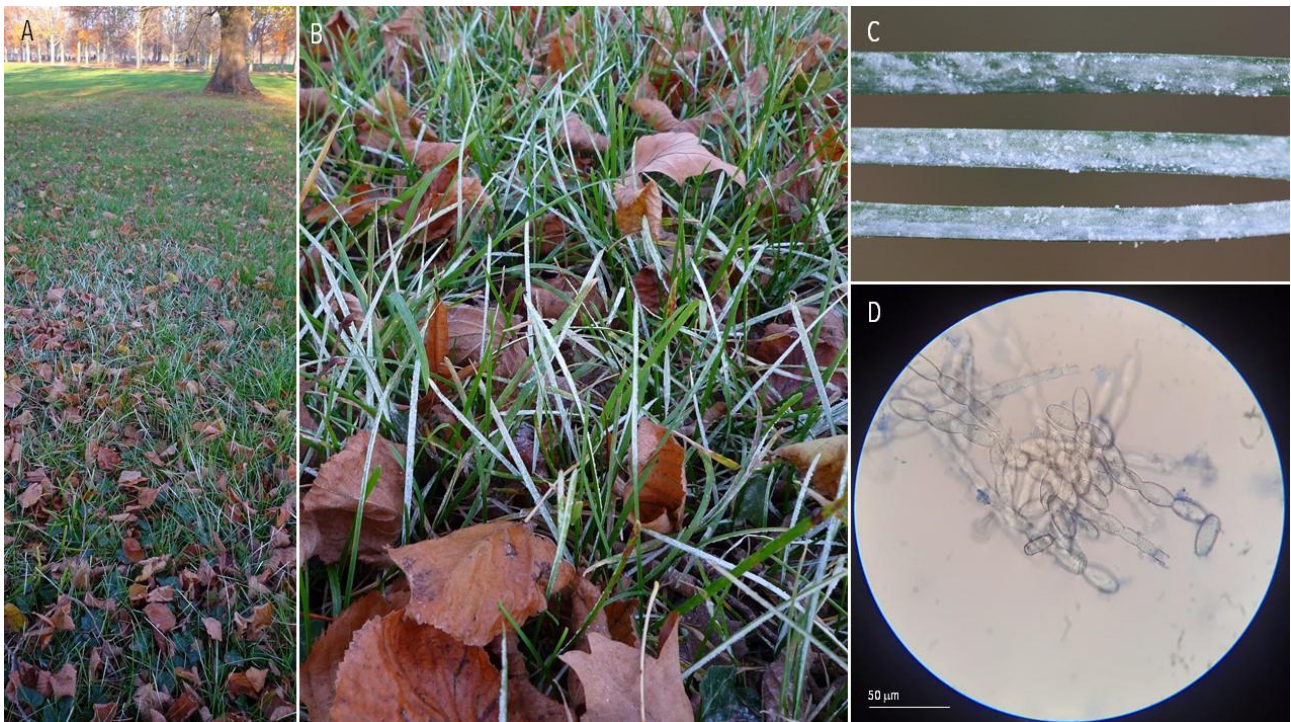
97 | RUSTS | *Uromyces verruculosus* ex *Silene latifolia* (white campion)

A-B. Diseased plant. C-D. Uredinia. E-F. Urediniospores. Les Clayes-sous-Bois, 2020-10-10.



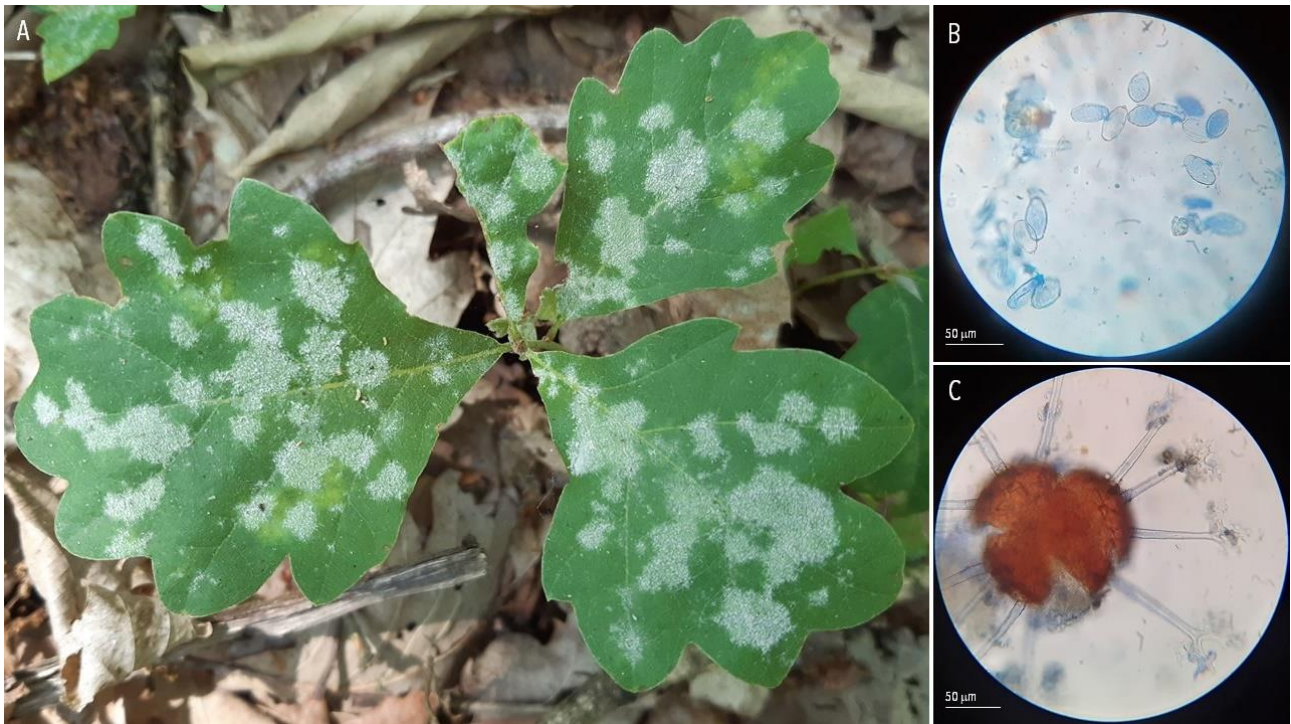
98 | POWDERY MILDEW | *Blumeria graminis* sp. (??) ex *Poaceae* sp. (unidentified grass)

A-C. Diseased plants. D. Chains of conidia. Versailles, 2020-11-28.



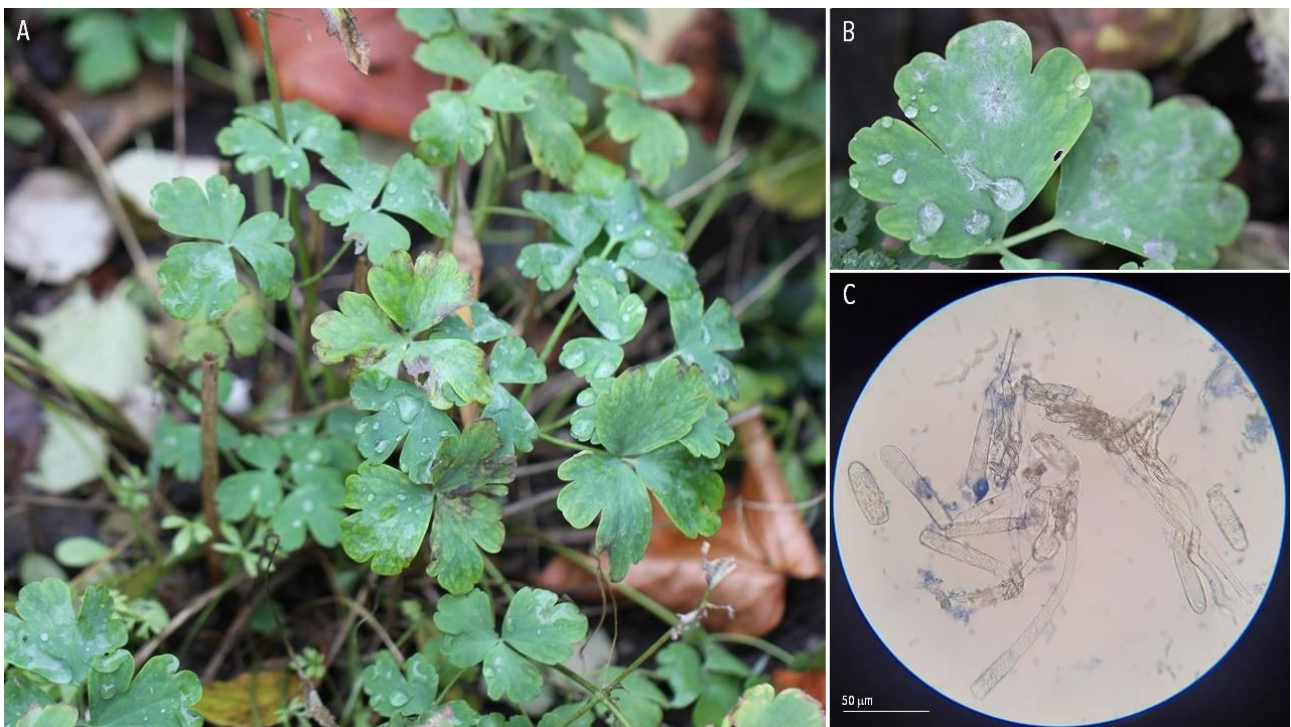
99 | POWDERY MILDEW | *Erysiphe alphitoides*(?) ex *Quercus robur* (pedunculate oak)

A. Diseased plant. B. Conidia. C. Cleistothecium. Les Clayes-sous-Bois, 2020-11-22.



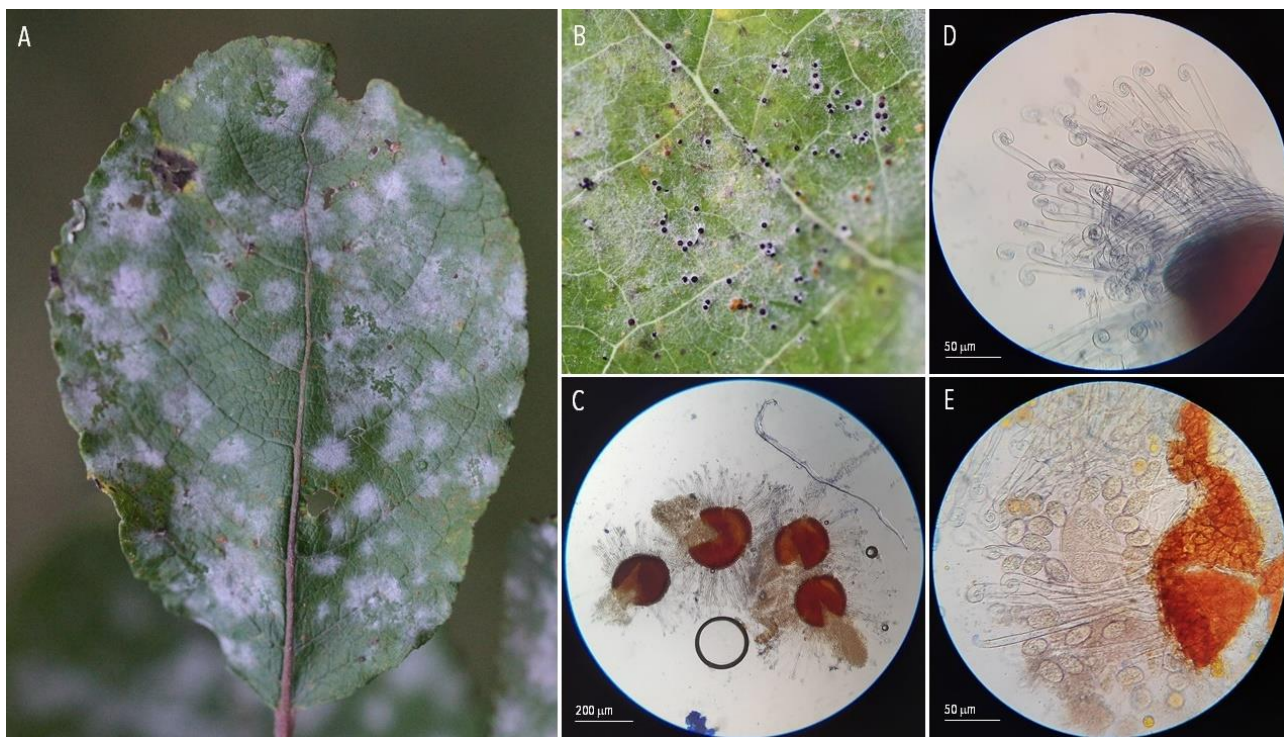
100 | POWDERY MILDEW | *Erysiphe capreae* ex *Aquilegia vulgaris* (common columbine)

A-B. Diseased plant. C. Conidia. Les Clayes-sous-Bois, 2020-11-30.



101 | POWDERY MILDEW | *Erysiphe capreae* ex *Salix caprea* (goat willow)

A. Diseased leaf. B-C. Cleistothecia. D. Appendages. E. Asci and ascospores. Les Clayes-sous-Bois, 2020-11-11.



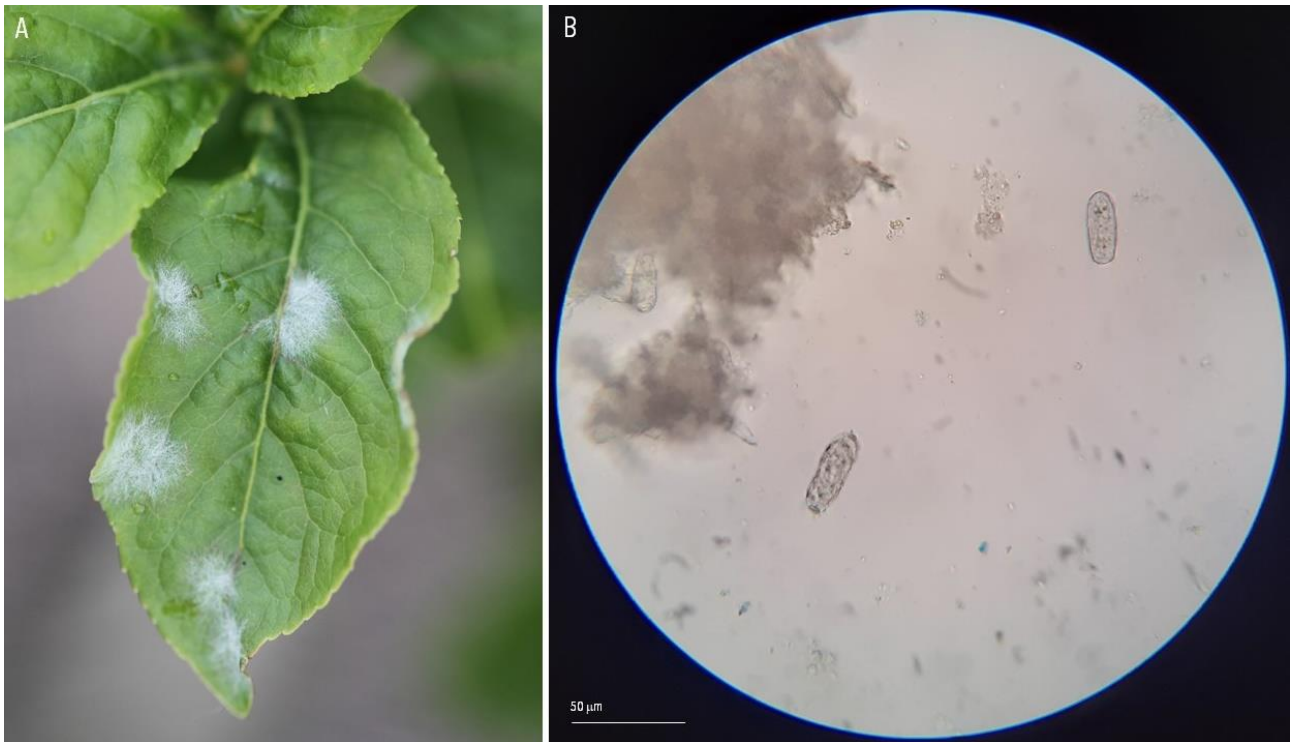
102 | POWDERY MILDEW | *Erysiphe cruciferarum* ex *Eschscholzia californica* (California poppy)

A-B. Diseased plant. C-D. Cleistothecia. E. Asci. Millau, 2020-07-16.



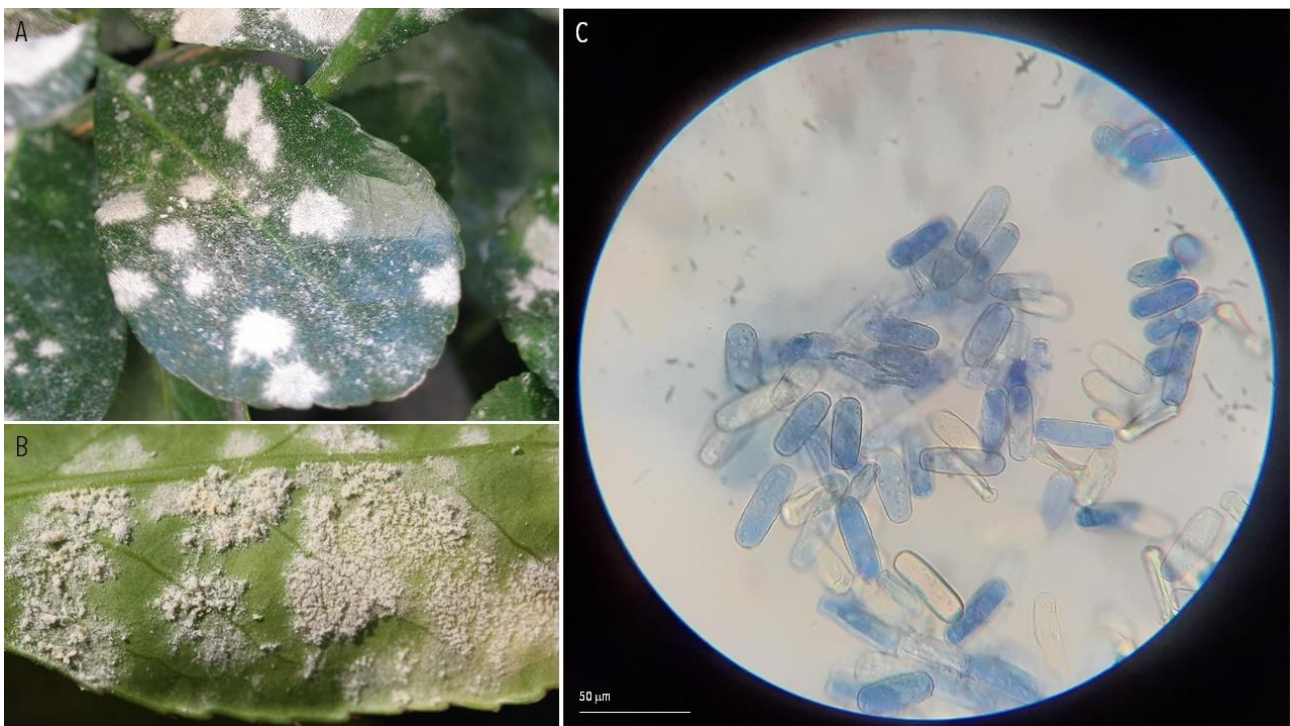
103 | POWDERY MILDEW | *Erysiphe euonymi* ex *Euonymus europaeus* (common spindle)

A. Diseased leaf. B. Conidia. Plaisir, 2021-05-23.



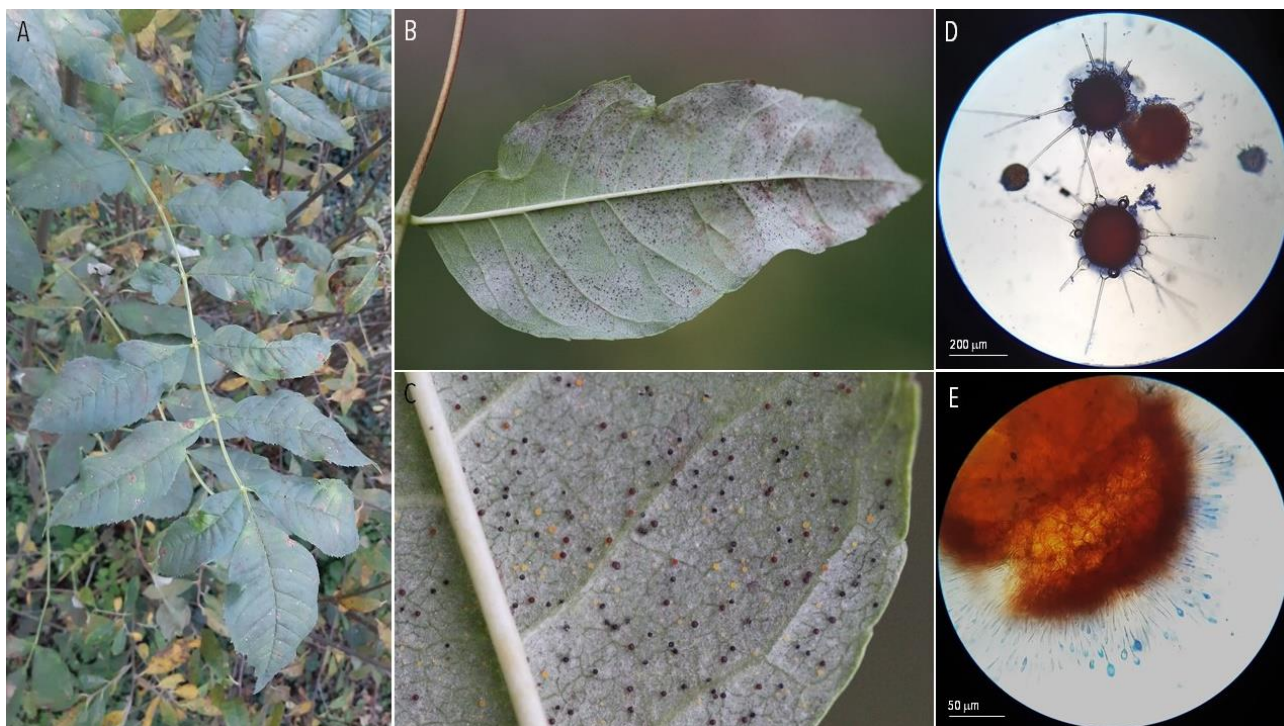
104 | POWDERY MILDEW | *Erysiphe euonymi-japonici* ex *Euonymus japonicus* (Japanese spindle tree)

A-B. Diseased leaf. C. Conidia. Les Clayes-sous-Bois, 2020-05-19.



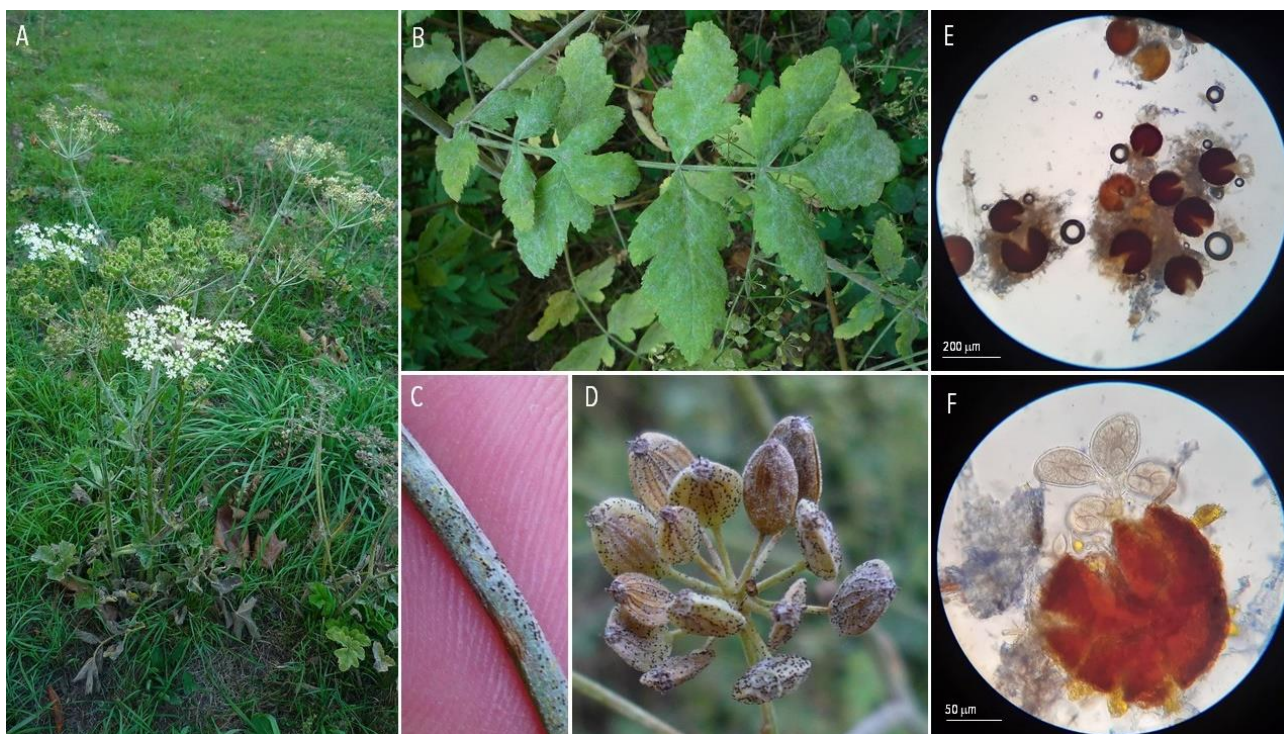
105 | POWDERY MILDEW | *Erysiphe fraxini* (syn. *Phyllactinia fraxini*) ex *Fraxinus excelsior* (common ash)

A-B. Diseased leaf. C-E. Cleistothecia. Les Clayes-sous-Bois, 2020-11-14.



106 | POWDERY MILDEW | *Erysiphe heraclei* ex *Heracleum sphondylium* (common hogweed)

A-B. Diseased plant. C-E. Cleistothecia. F. Asci. Les Clayes-sous-Bois, 2020-09-12.



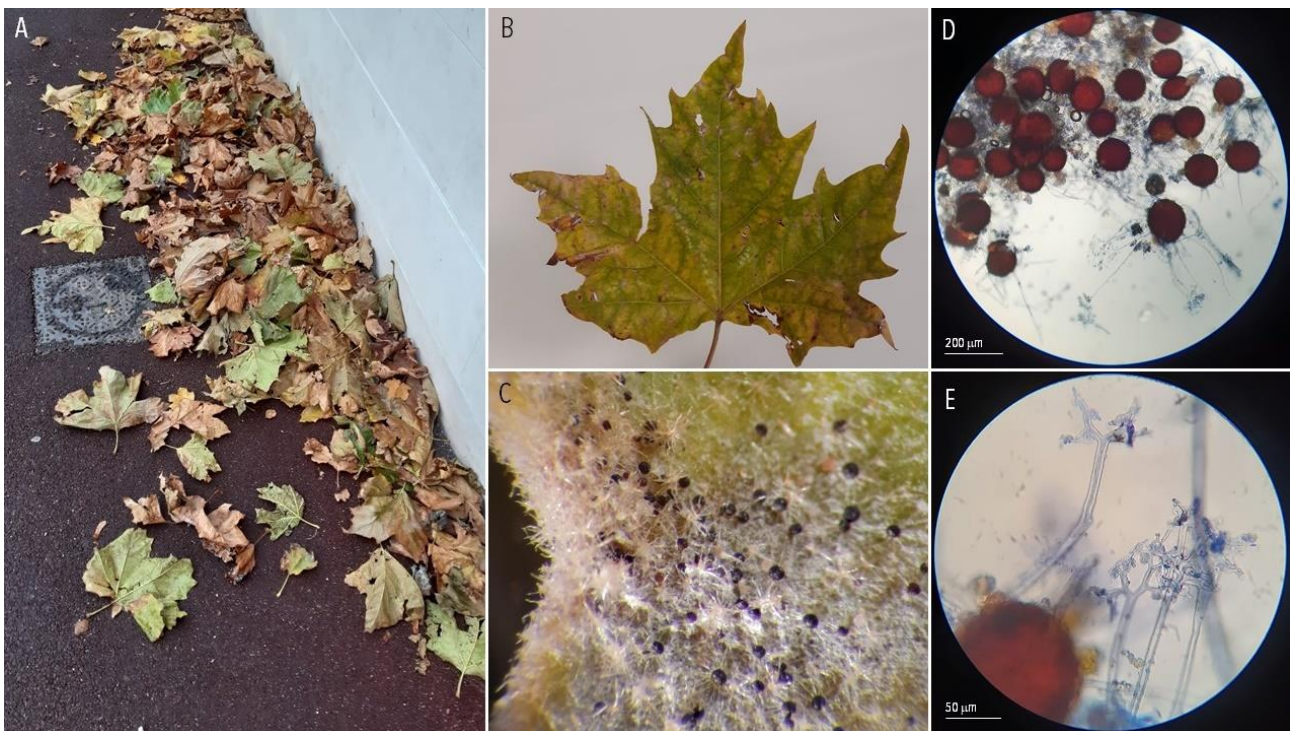
107 | POWDERY MILDEW | *Erysiphe macleayae* ex *Chelidonium majus* (greater celandine)

A. Diseased plant. B. Hyphae and conidia. Les Clayes-sous-Bois, 2020-05-16 (Jiang et al., 2015; Chinan, 2018).



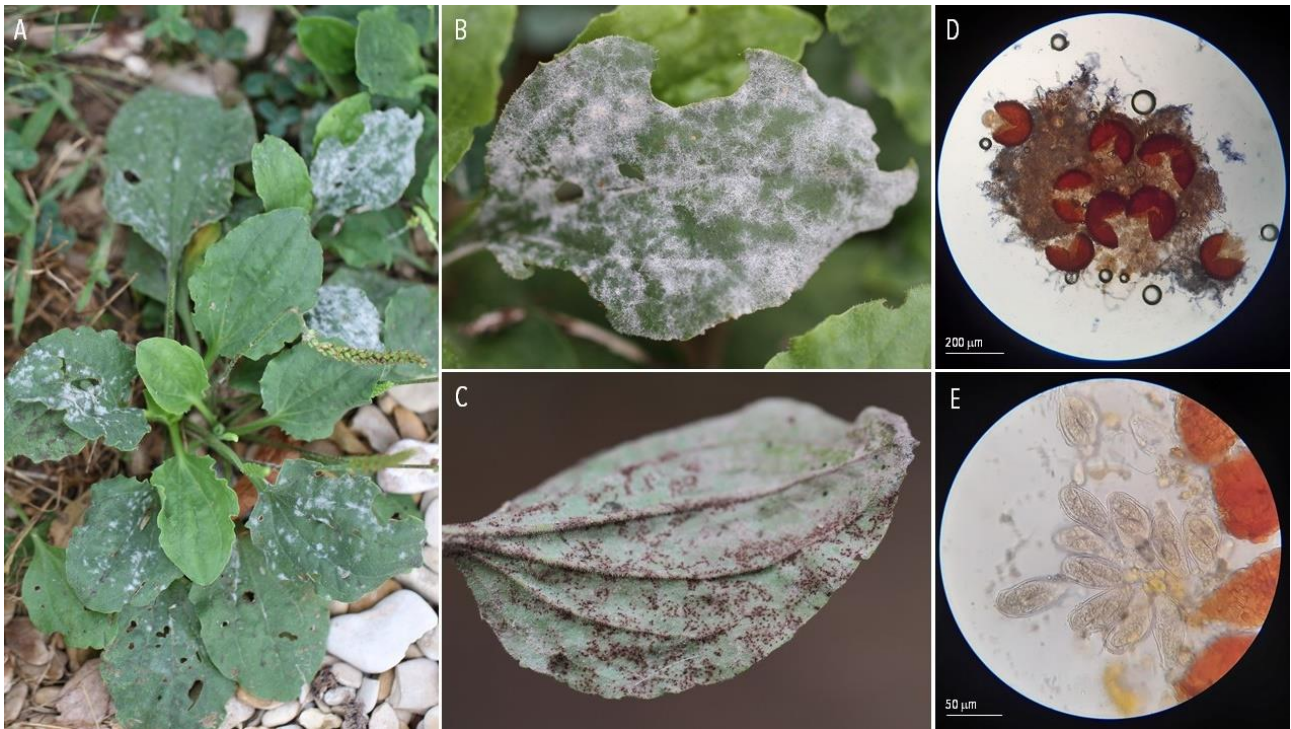
108 | POWDERY MILDEW | *Erysiphe platani* ex *Platanus x hispanica* (London plane)

A-B. Diseased leaves. C-D. Cleistothecia. E. Appendages. Les Clayes-sous-Bois, 2020-11-17.



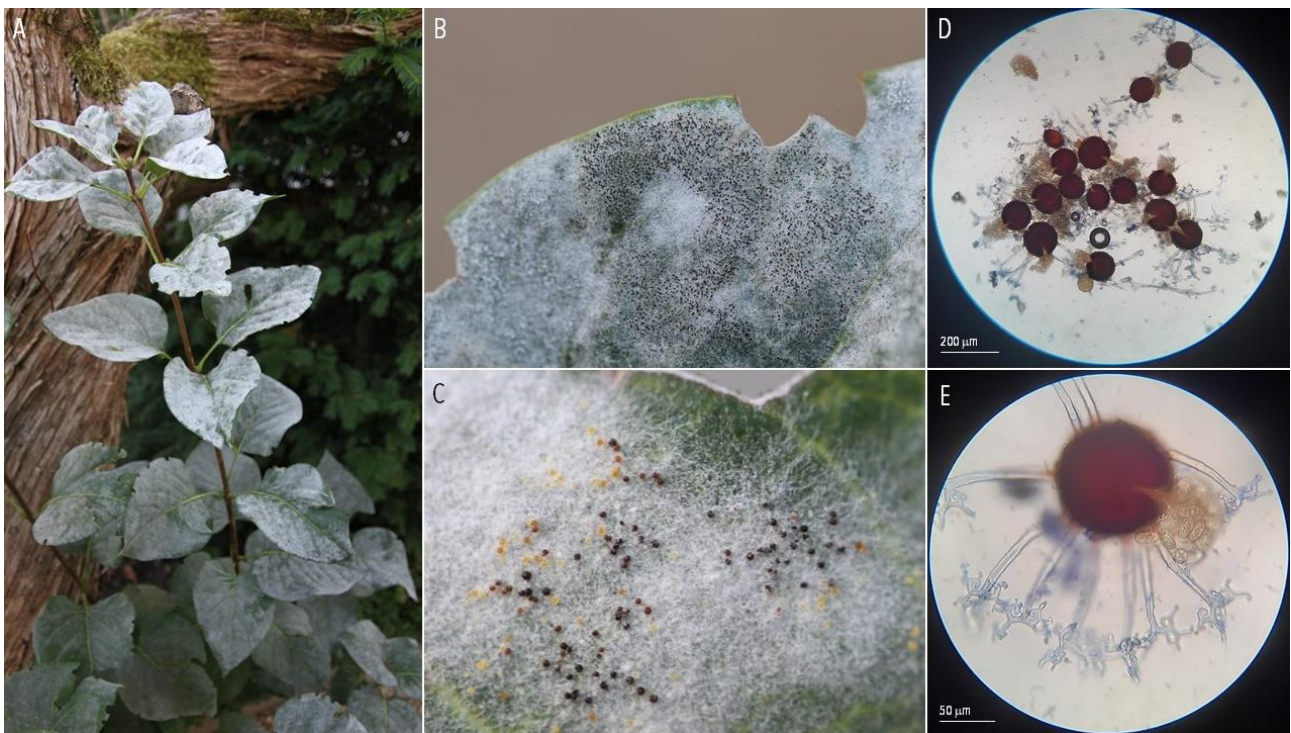
109 | POWDERY MILDEW | *Erysiphe sordida* ex *Plantago major* (broadleaf plantain)

A-C. Diseased plant. D. Cleistothecia. E. Asci. Les Clayes-sous-Bois, 2020-11-30; Sermizelles, 2020-08-18.



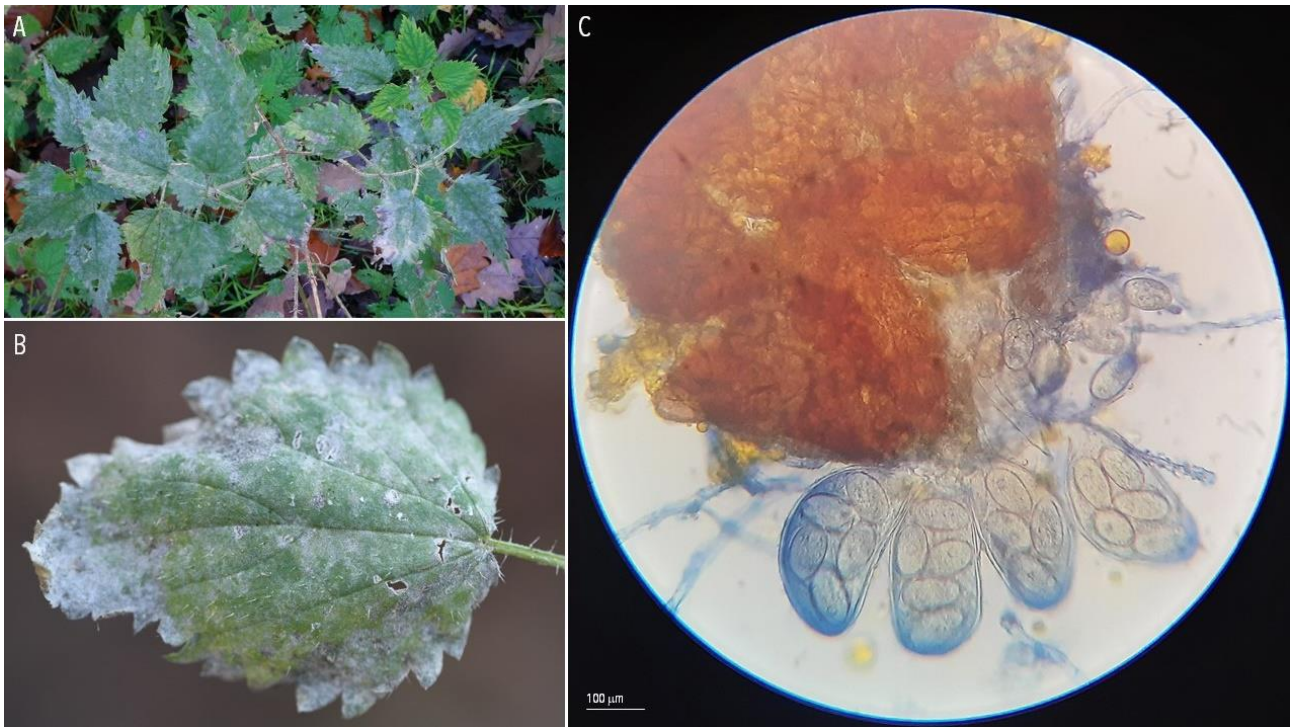
110 | POWDERY MILDEW | *Erysiphe syringae-japonicae* ex *Syringa vulgaris* (common lilac)

A-B. Diseased plant. C-D. Cleistothecis. E. Appendages. Les Clayes-sous-Bois, 2020-11-14.



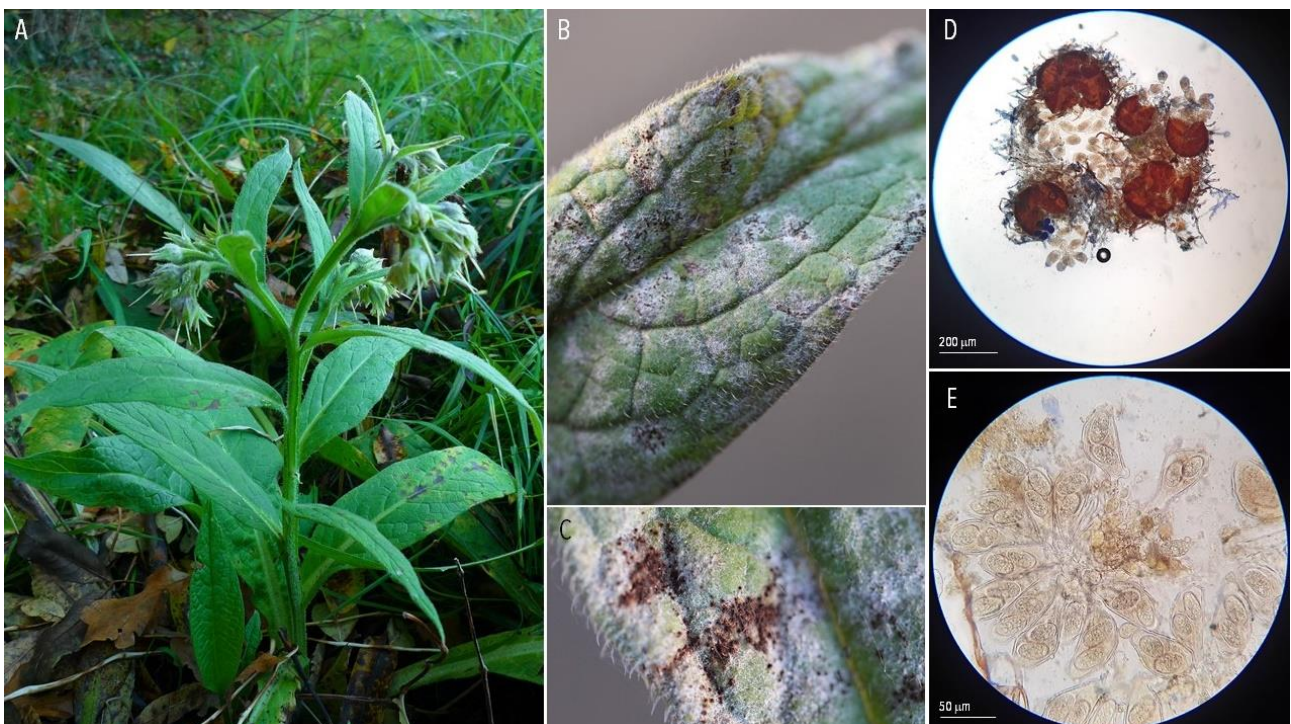
111 | POWDERY MILDEW | *Erysiphe urticae* ex *Urtica dioica* (nettle)

A-B. Diseased plant. C. Cleistothecium, asci and ascospores. Les Clayes-sous-Bois, 2020-11-21.



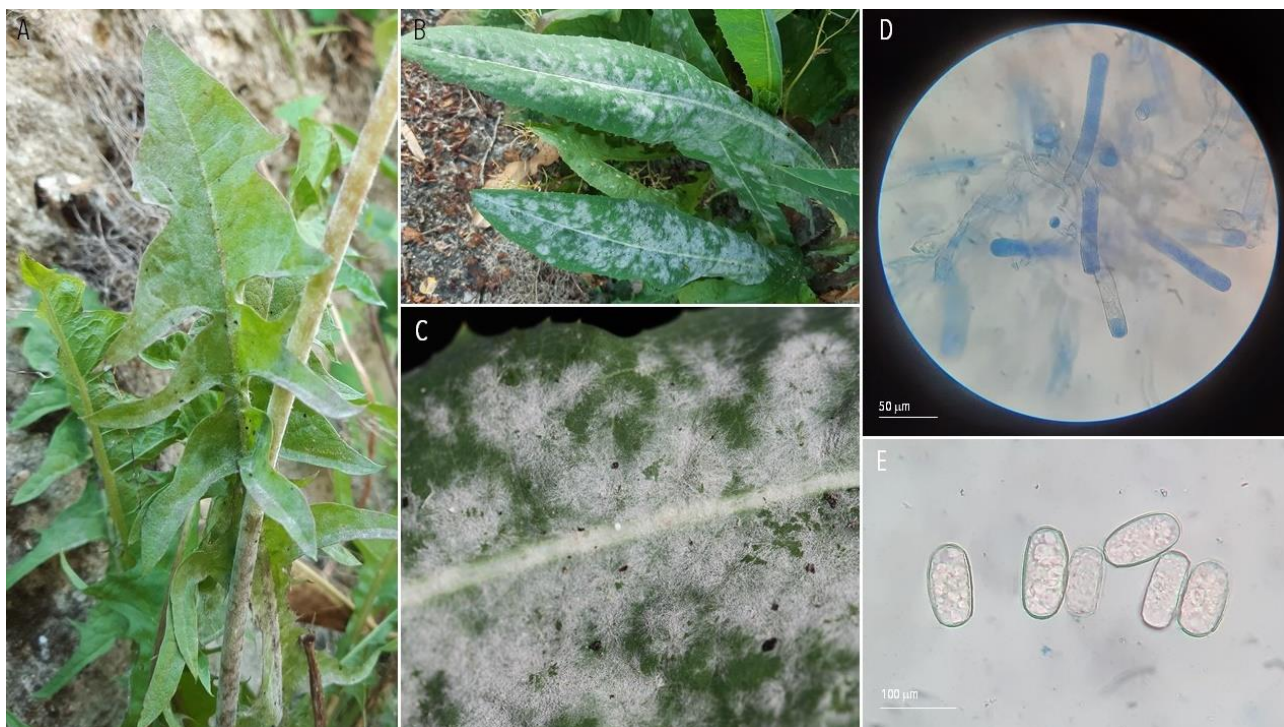
112 | POWDERY MILDEW | *Golovinomyces asperifoliorum* (syn. *Erysiphe asperifoliorum*) ex *Symphytum officinale* (consound)

A-B. Diseased plant. C-D. Cleistothecia. E. Asci. Les Clayes-sous-Bois, 2020-11-18 (Braun et al., 2018).

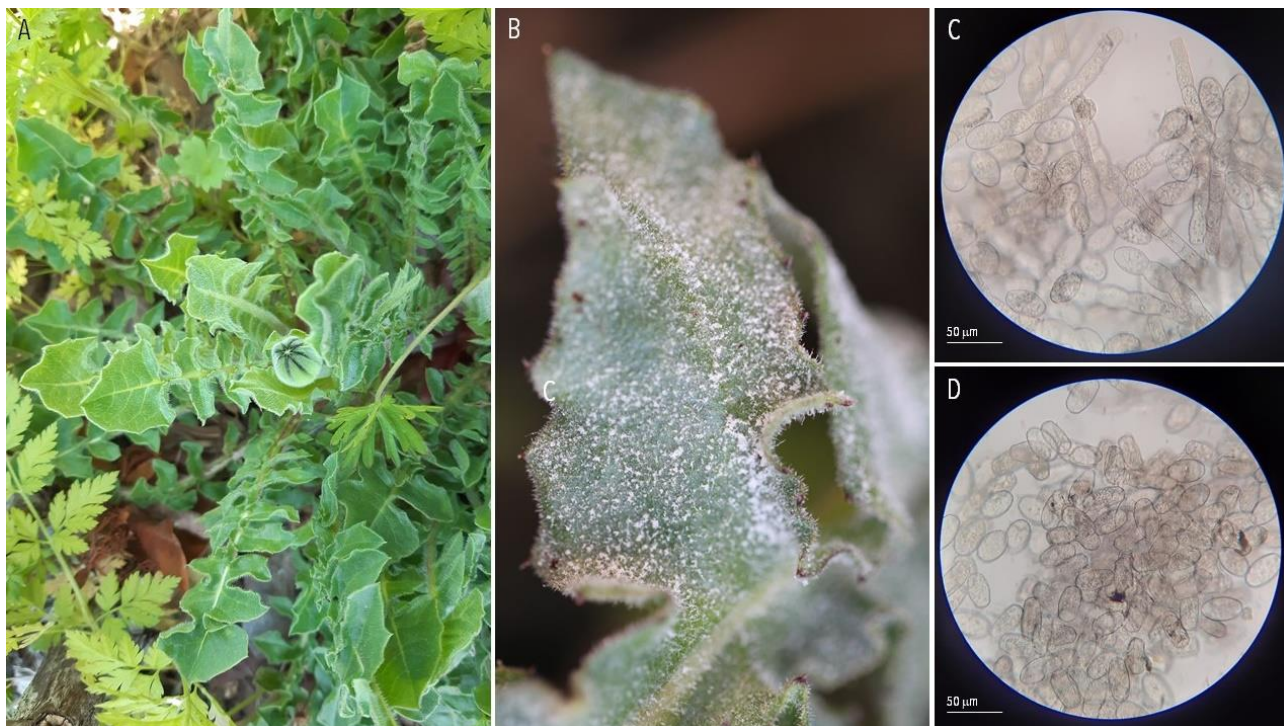


113 | POWDERY MILDEW | *Golovinomyces cichoracearum* (syn. *Erysiphe cichoracearum*) ex *Taraxacum officinale* (common dandelion), *Lactuca serriola* (wild lettuce) and *Urospermum dalechampii* (smooth golden fleece)

A. Diseased leaf (*Taraxacum officinale*). B-C. Diseased leaf (*Lactuca serriola*). D. Hyphae. E. Conidia. Les Clayes-sous-Bois, 2020-05-02.

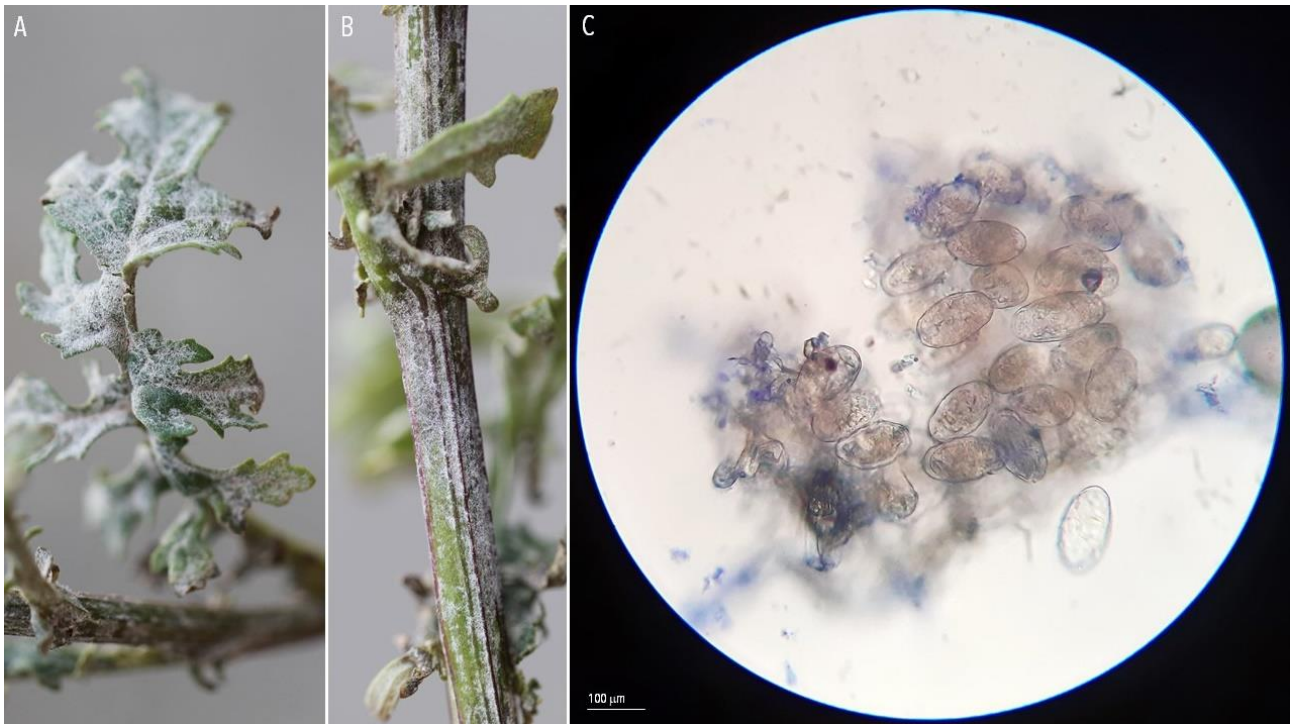


A-B. Diseased plant (*Urospermum dalechampii*). C. Conidiophores. D. Conidia. Villeneuve-Tolosane, 2021-04-05.



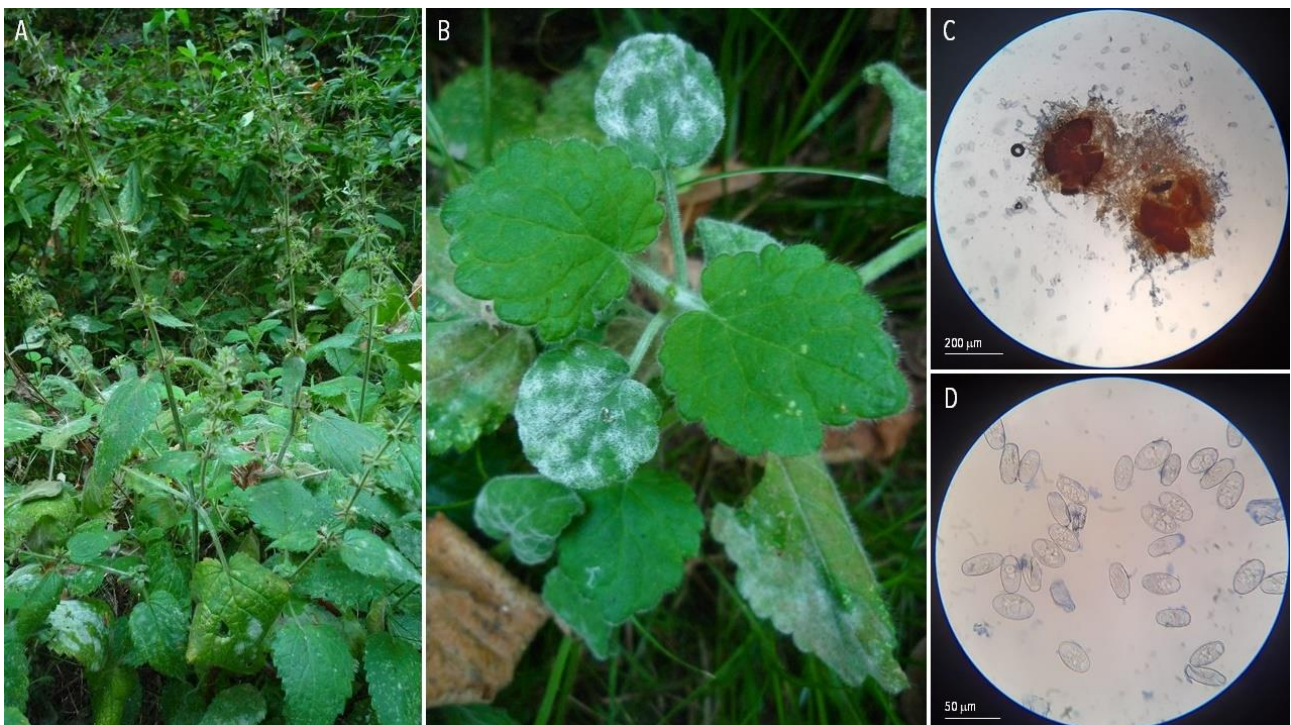
114 | POWDERY MILDEW | *Golovinomyces fischeri* (?) (syn. *Erysiphe fischeri*) ex *Senecio vulgaris* (common groundsel)

A-B. Diseased plant. C. Conidia. Les Clayes-sous-Bois, 2020-11-20.



115 | POWDERY MILDEW | *Neoerysiphe galeopsidis* (?) ex *Stachys sylvatica* (hedge woundwort), *Acanthus mollis* (sea-dock) and *Lamium maculatum* (spotted dead-nettle)

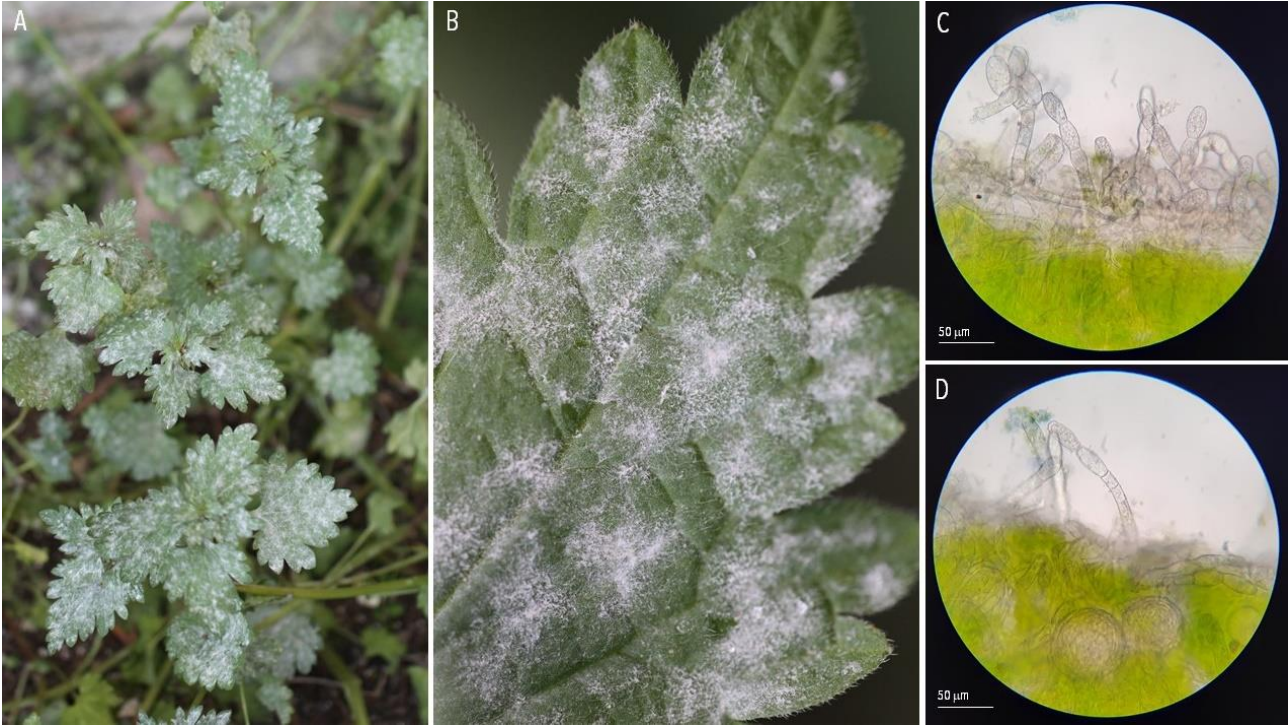
A-B. Diseased plant (*Stachys sylvatica*). C. Cleistothecia. D. Conidia. Les Clayes-sous-Bois, 2020-09-13.



A-B. Diseased plant (*Acanthus mollis*). Millau, 2021-01-03.

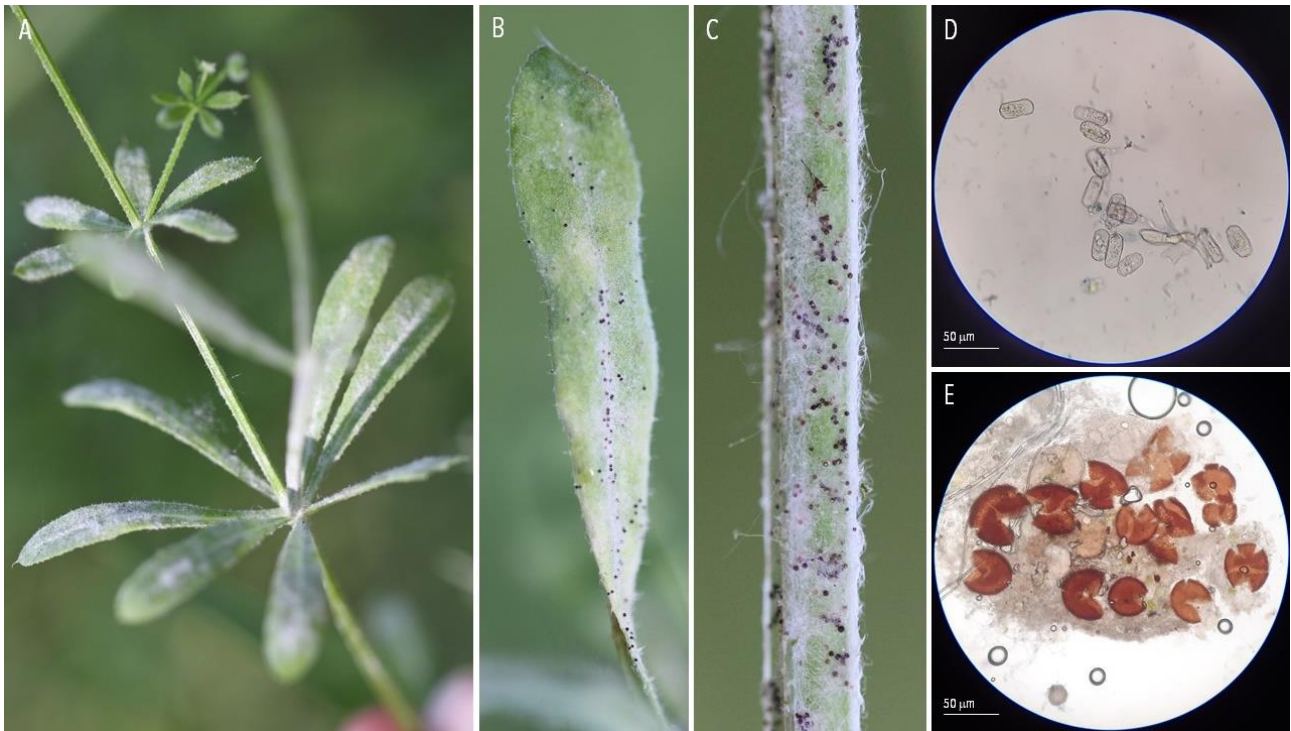


A-B. Diseased plant (*Lamium maculatum*). C-D. Conidiophores. Millau, 2021-04-14.



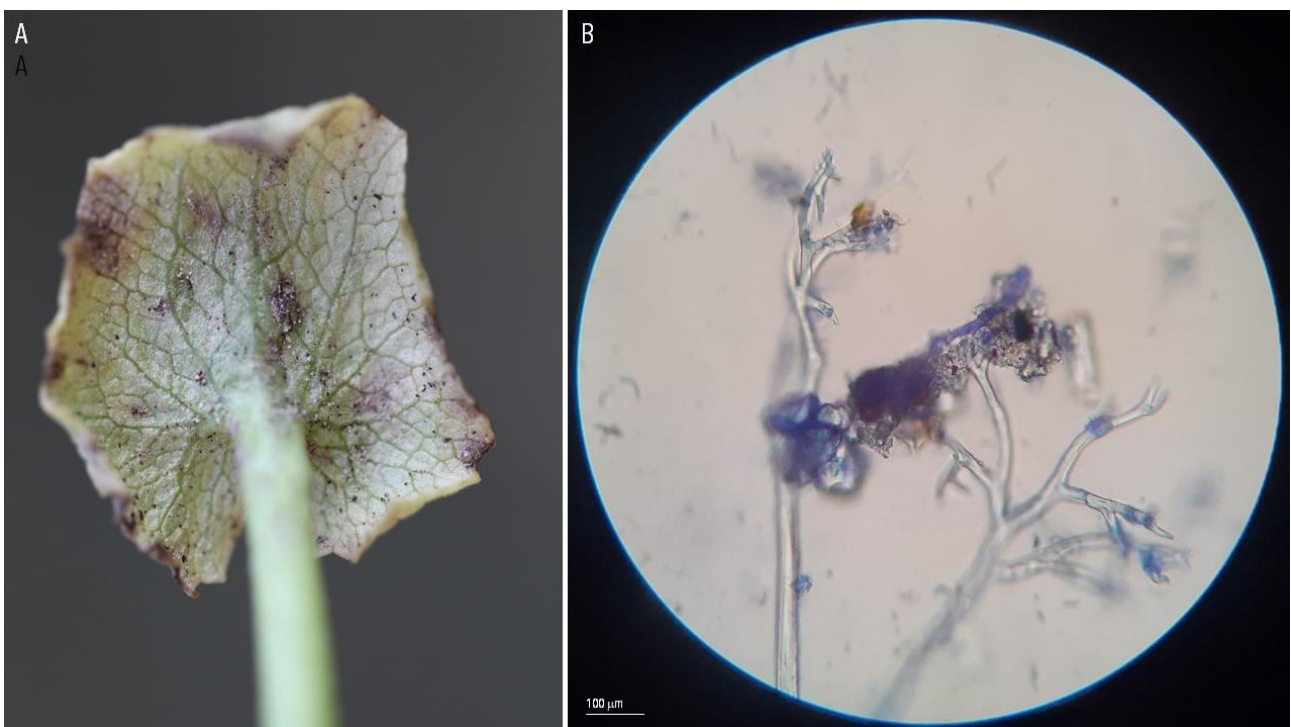
116 | POWDERY MILDEW | *Neovrysiphe galii* ex *Galium aparine* (catchweed bedstraw)

A-C. Diseased plant. D. Conidia. E. Cleistothecia. Thiverval-Grignon, 2021-06-01.



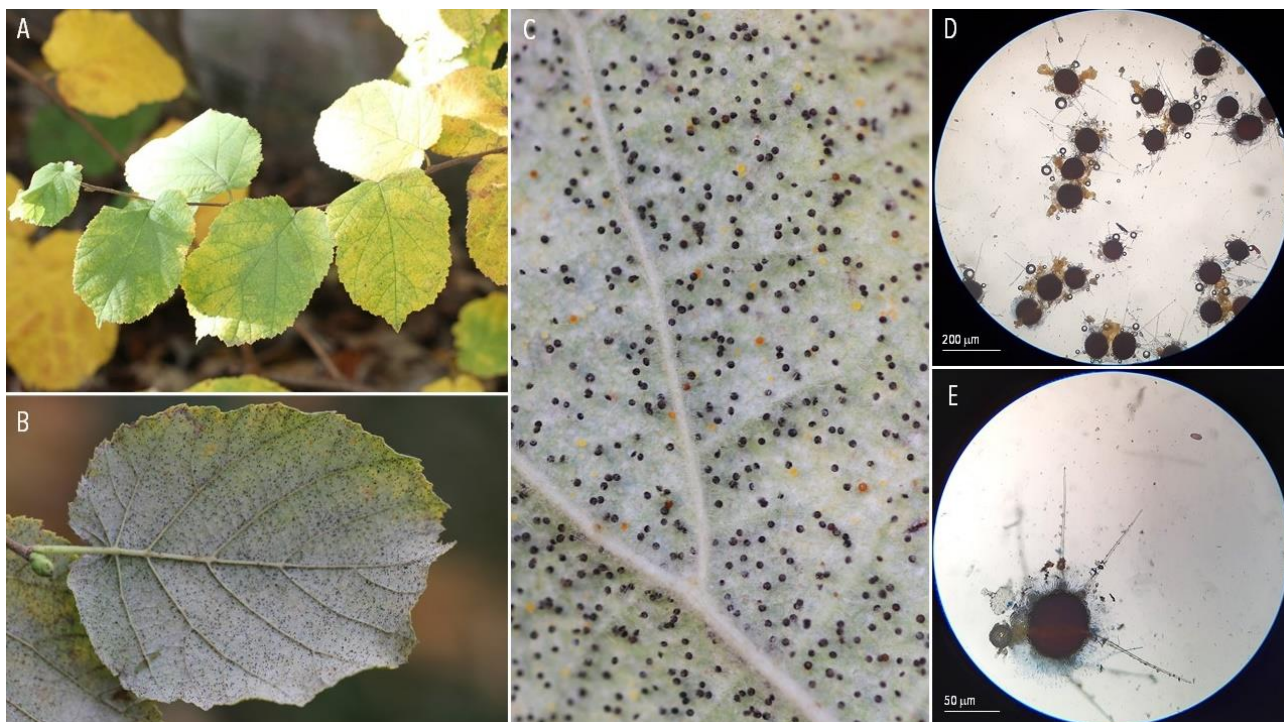
117 | POWDERY MILDEW | *Peronospora ficariae* ex *Ficaria verna* (lesser celandine)

A. Diseased plant. B. Conidiophores. Les Clayes-sous-Bois, 2021-03-20.



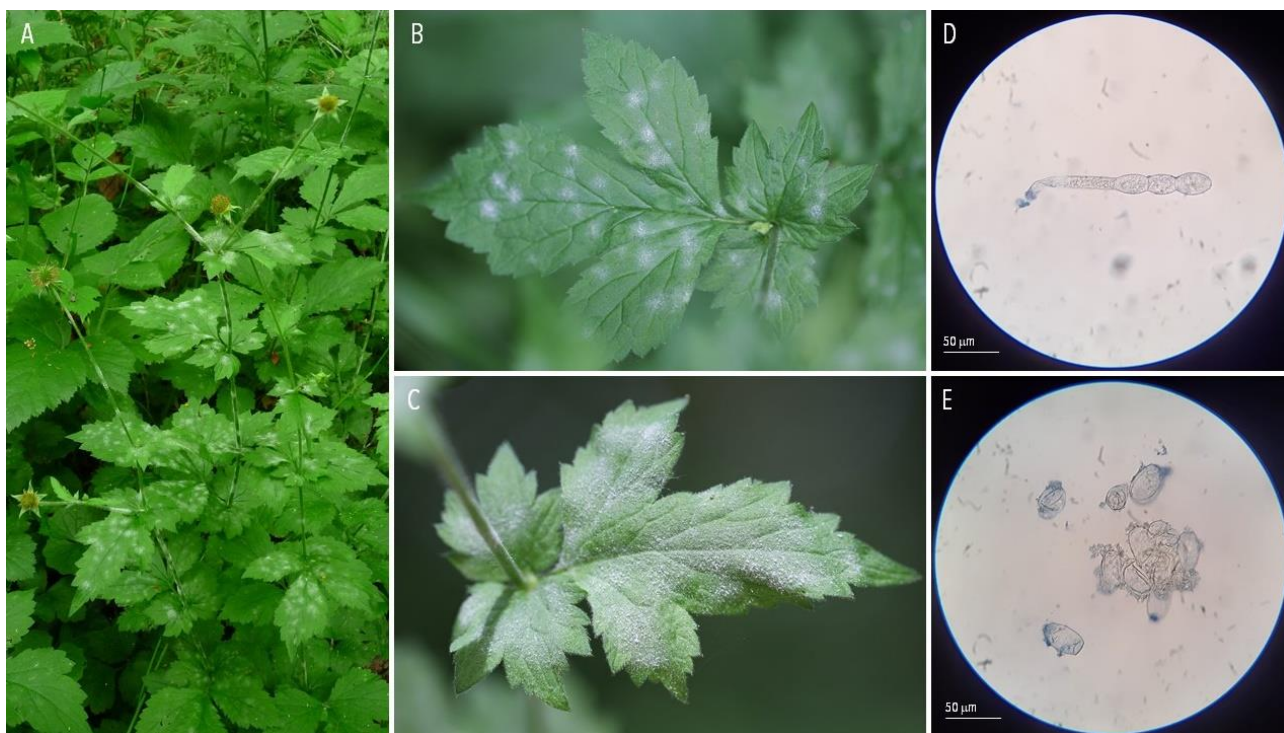
118 | POWDERY MILDEW | *Phyllactinia guttata* (syn. *Erysiphe coryli*) ex *Corylus avellana* (common hazel)

A-B. Diseased plant. C-E. Cleistothecia. Les Clayes-sous-Bois, 2020-11-17.



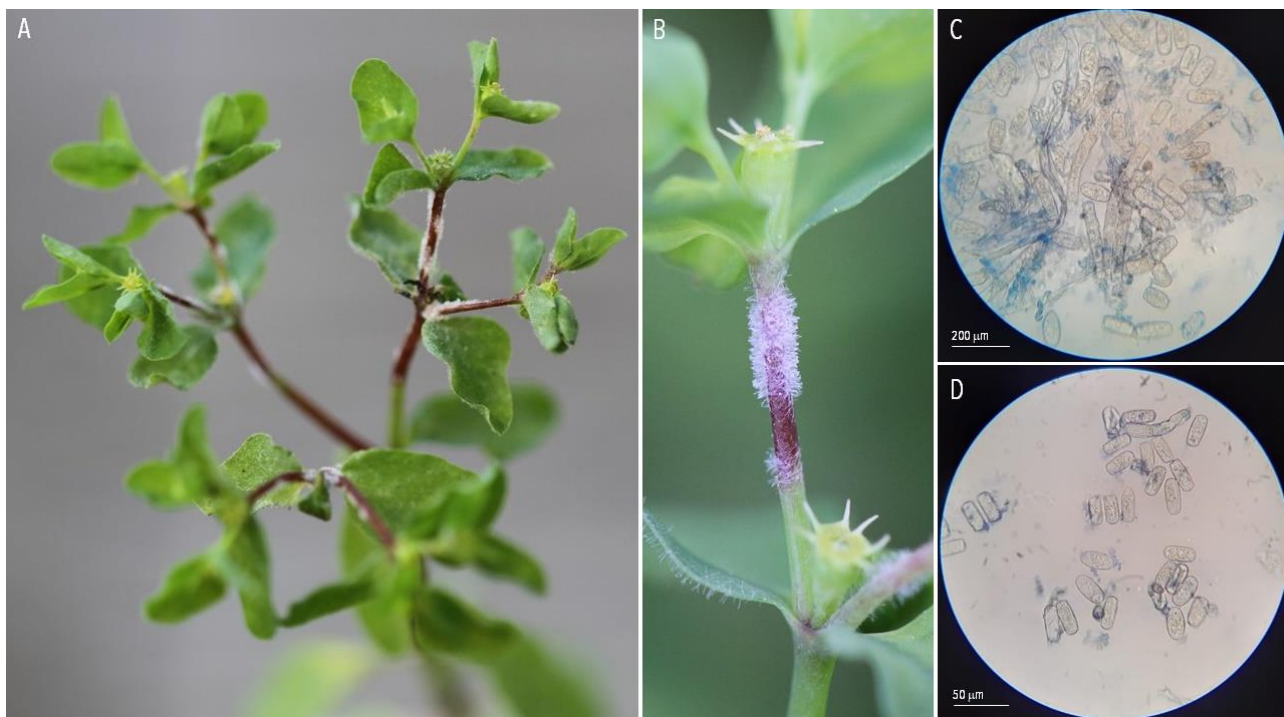
119 | POWDERY MILDEW | *Podosphaera aphanis* ex *Geum urbanum* (wood avens)

A-C. Diseased plant. D. Conidiophore. E. Conidia. Les Clayes-sous-Bois, 2021-06-13.



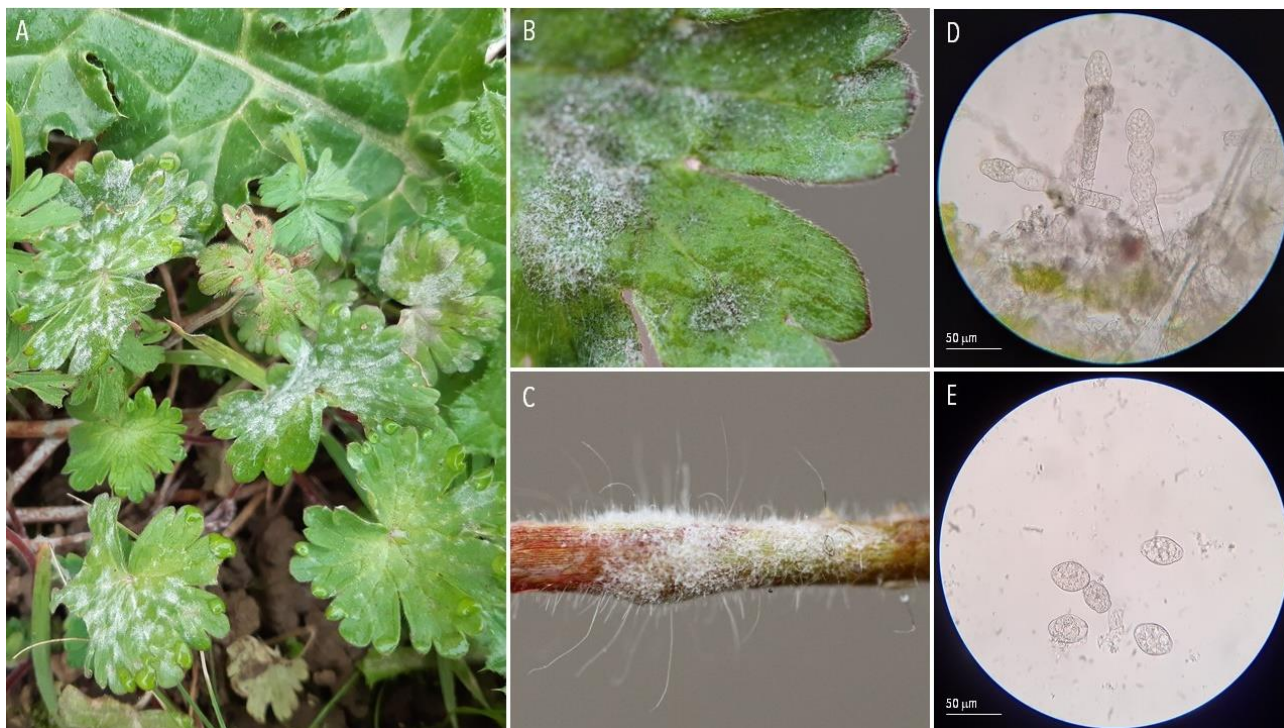
120 | POWDERY MILDEW | *Podosphaera euphorbiae* ex *Euphorbia peplus* (petty spurge)

A-B. Diseased plant. C-D. Conidia. Les Clayes-sous-Bois, 2020-11-14.

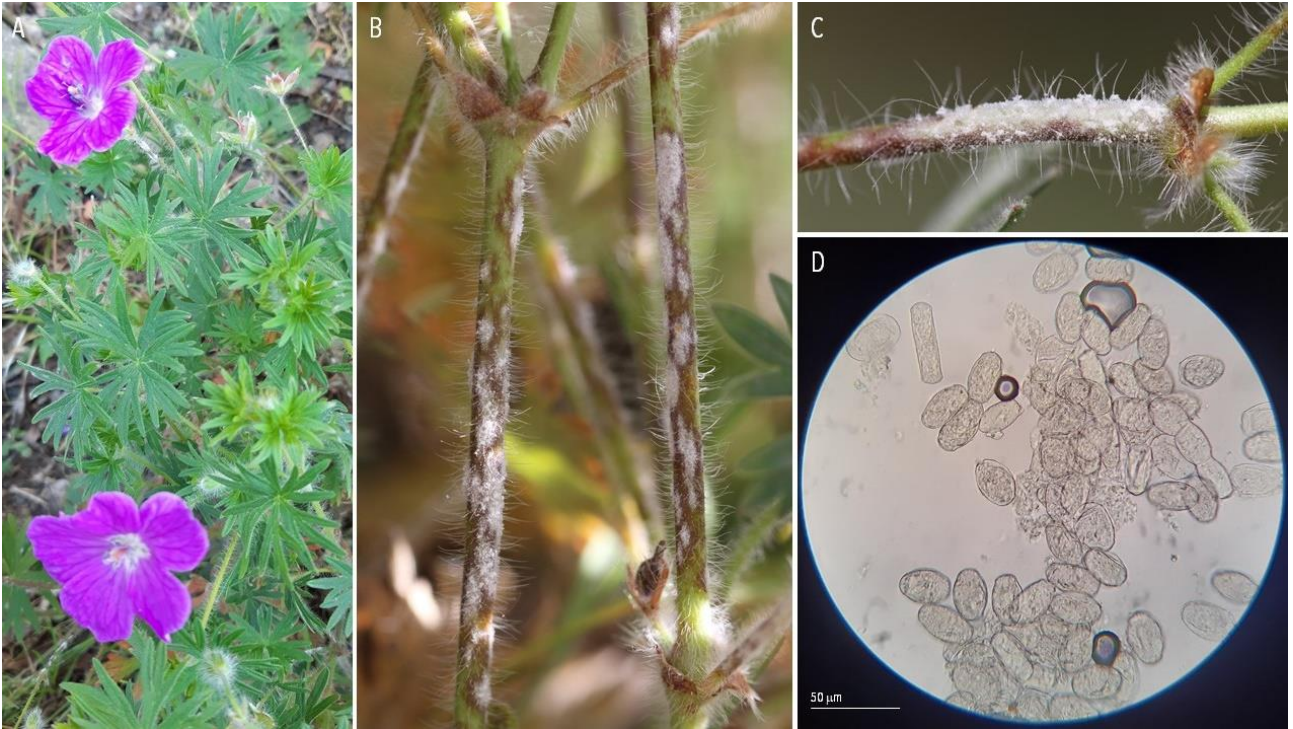


121 | POWDERY MILDEW | *Podosphaera fugax* ex *Geranium molle* (dove's-foot crane's-bill) and *Geranium sanguineum* (bloody crane's-bill)

A-B. Diseased plant (*Geranium molle*). C-D. Conidiophores. E. Conidia. Thiverval-Grignon, 2021-03-26.



A-C. Diseased plant (*Geranium sanguineum*). D. Conidia. Villeneuve-Tolosane, 2020-04-07.



122 | POWDERY MILDEW | *Podosphaera pannosa* ex *Rosa* sp. (rose)

A-C. Diseased plant. Millau, 2020-07-17; Les Clayes-sous-Bois, 2021-06-13.



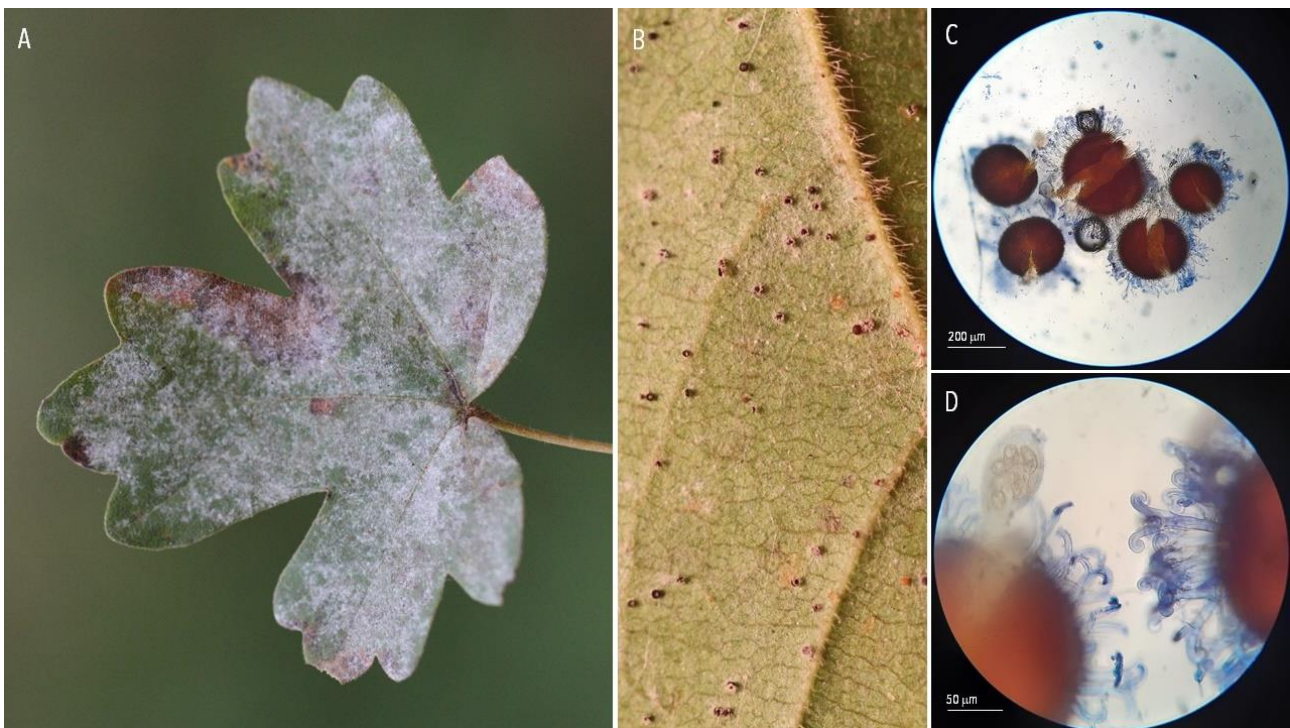
123 | POWDERY MILDEW | *Podosphaera plantaginis* ex *Plantago lanceolata* (ribwort plantain)

A-B. Diseased plant. C. Cleistothecia. Les Clayes-sous-Bois, 2020-05-02.

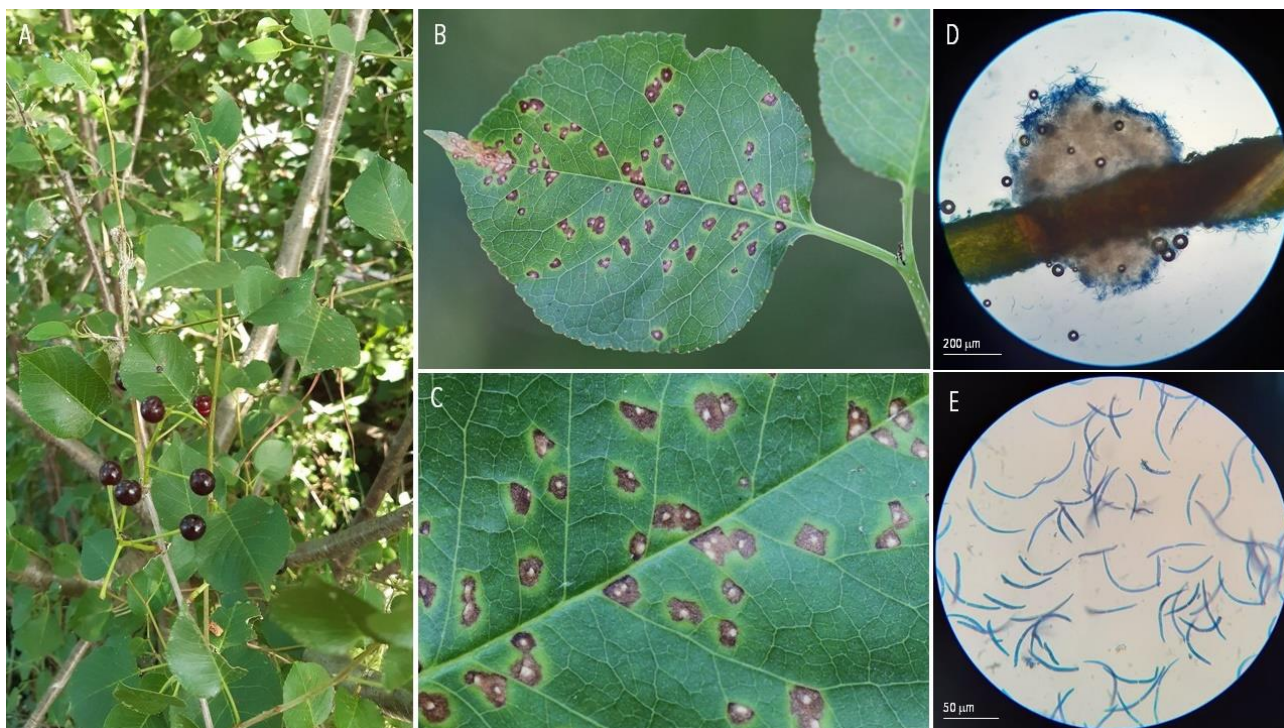


124 | POWDERY MILDEW | *Sawadaea bicornis* ex *Acer campestre* (field maple)

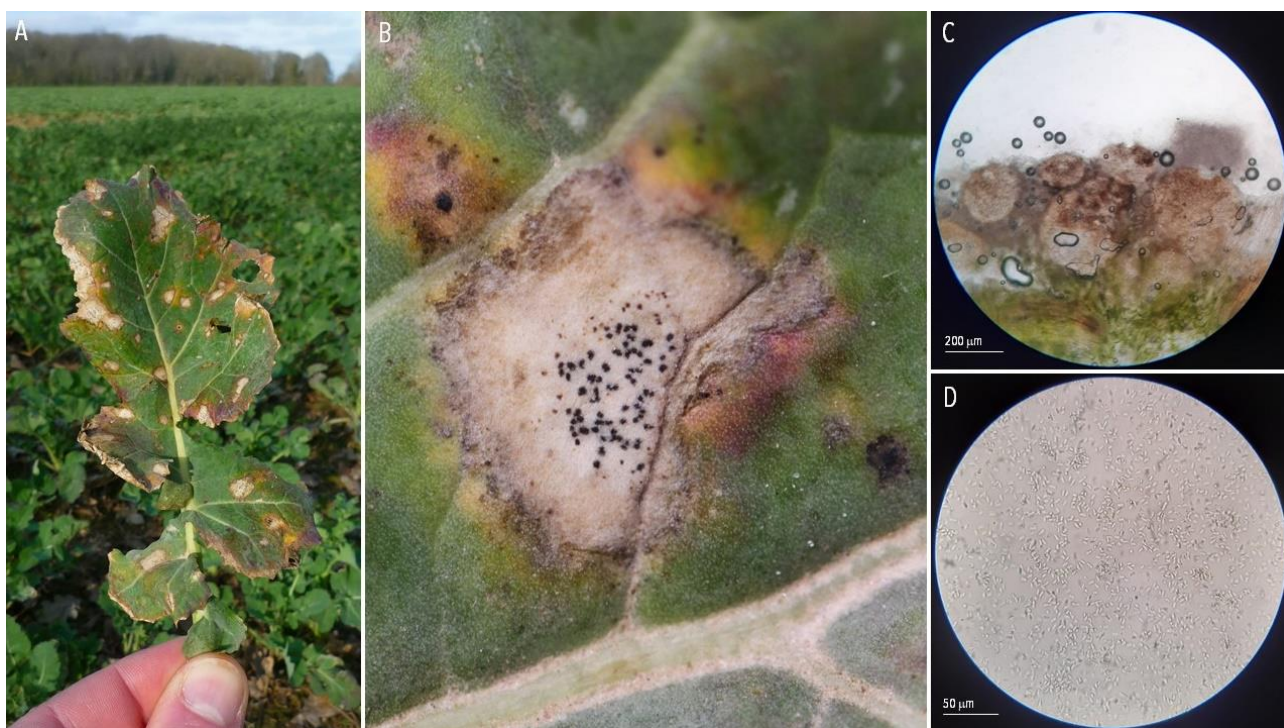
A. Diseased leaf. B-C. Cleistothecia. D. Appendages and ascus. Les Clayes-sous-Bois, 2020-11-14.



A-C. Diseased leaves. D. Pycnidium. E. Conidia. Les Clays-sous-Bois, 2020-07-12.

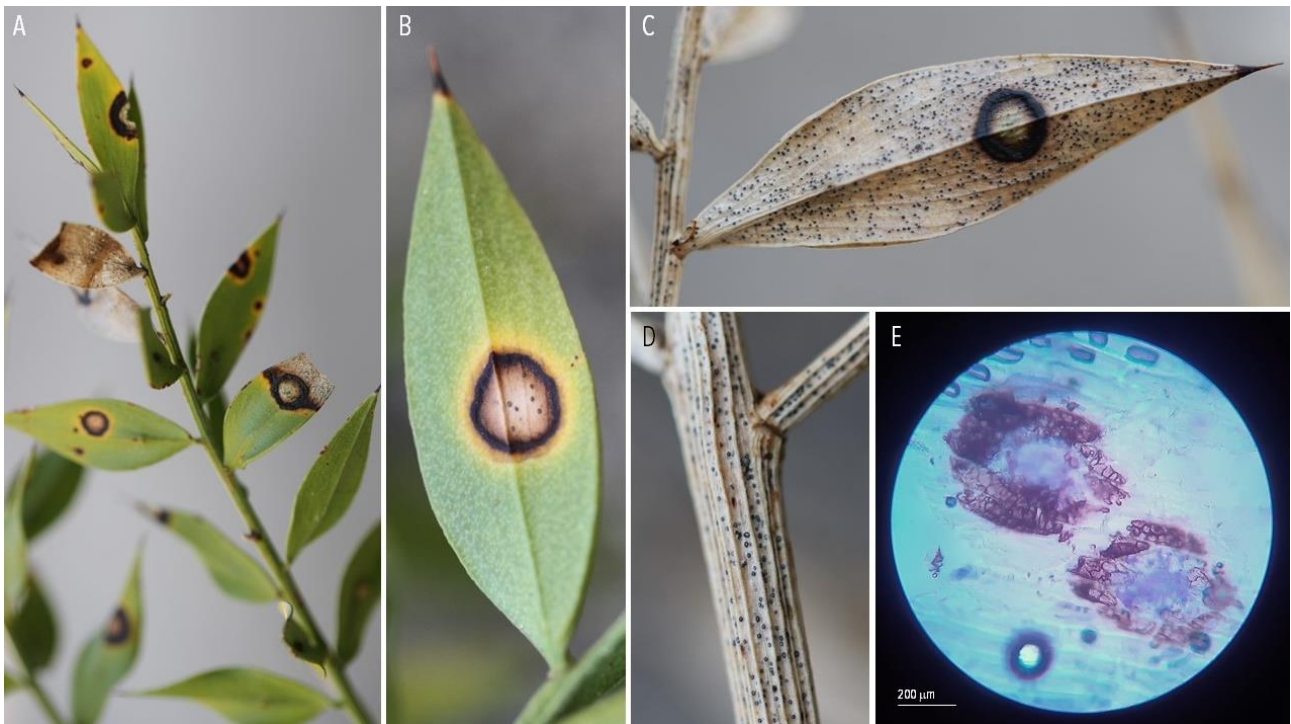


A. Diseased leaf. B-C. Pycnidia. D. Pycnidiospores. Les Alluets-le-Roi, 2021-03-21.



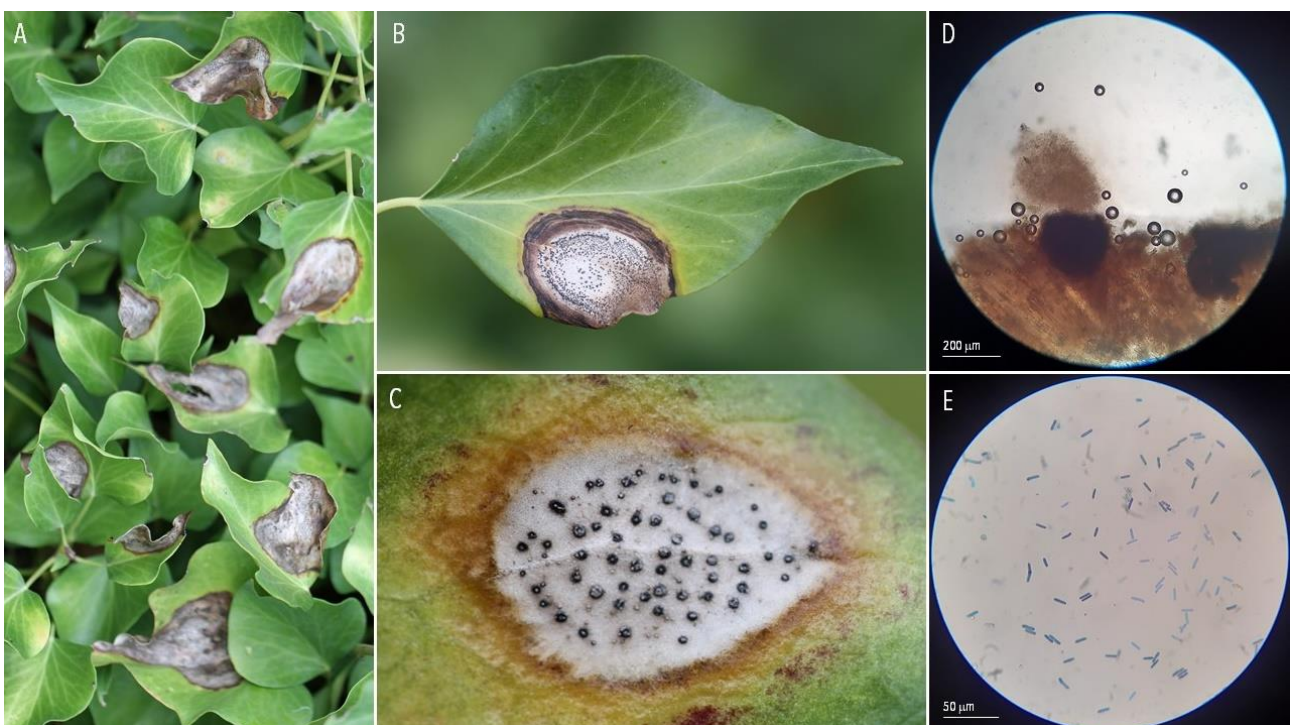
127 | SEPTORIA-LIKE DISEASES | *Leptosphaeria ruscior* *Phyllosticta ruscigena* (??) ex *Ruscus aculeatus* (butcher's broom)

A-D. Diseased leaves. E. Pseudothecia (?). Thiverval-Grignon, 2020-04-08 (Cámara *et al.*, 2001; Golzar & Wang, 2012; Thambugala *et al.*, 2014).



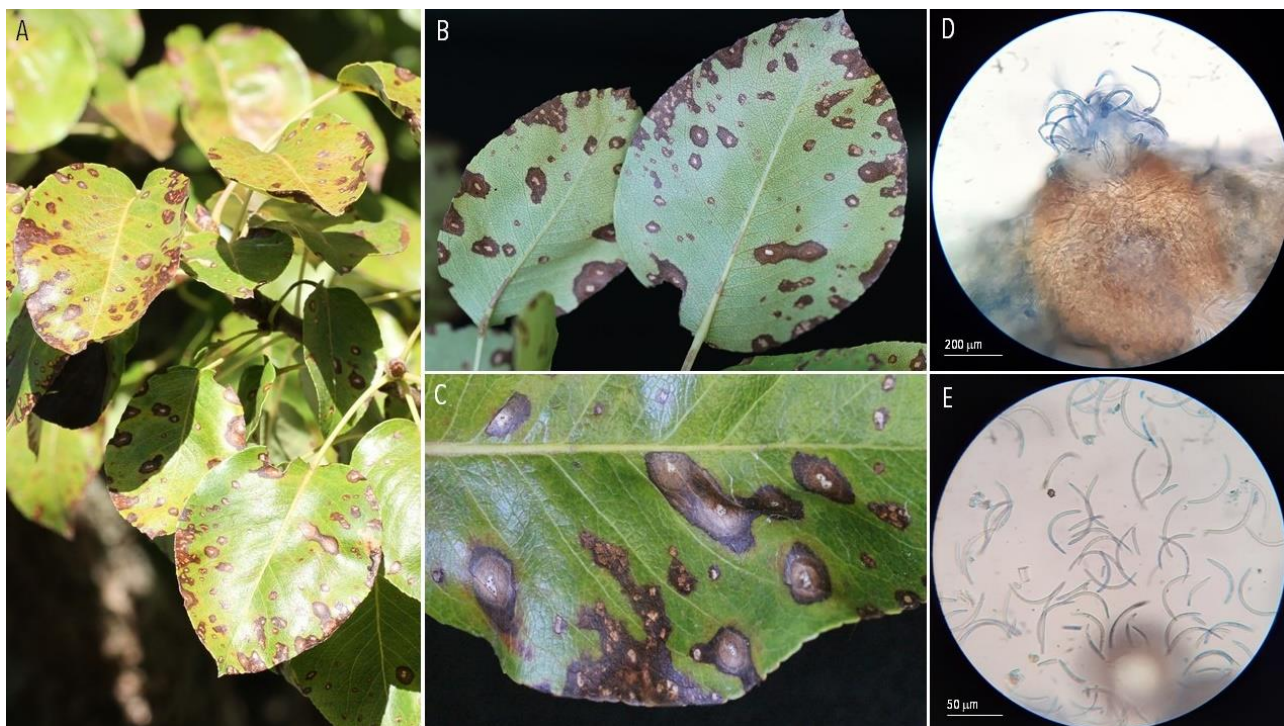
128 | SEPTORIA-LIKE DISEASES | *Mycosphaerella hedericola* ex *Hedera helix* (common ivy)

A-B. Diseased leaves. C-D. Pycnida. E. Conidia. Millau, 2020-10-21 (Briosi & Cavara, 1895).



129 | SEPTORIA-LIKE DISEASES | *Mycosphaerella pyri* ex *Pyrus communis* (pear)

A-C. Diseased leaves. D. Pycnidium. E. Pycnidiospores. Villeneuve Tolosane, 2020-08-04.



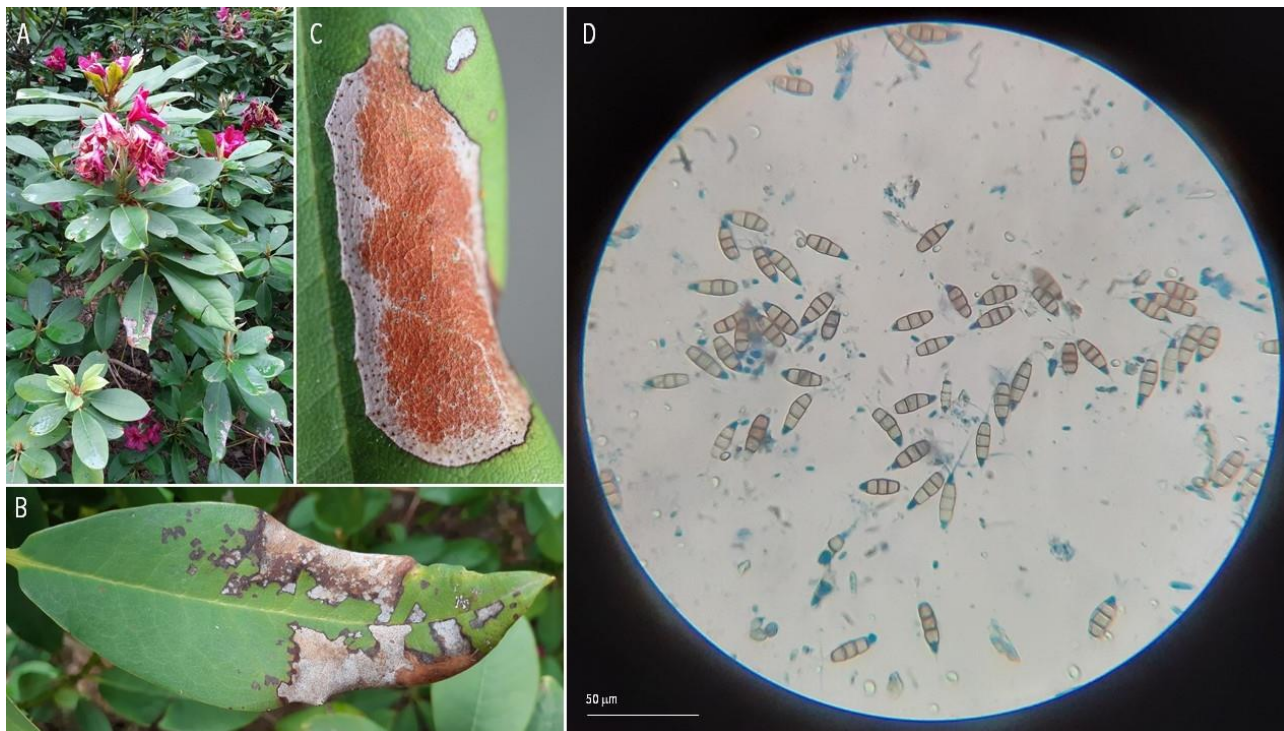
130 | SEPTORIA-LIKE DISEASES | *Mycosphaerella rubi* ex *Rubus fruticosus* (bramble)

A-B. Diseased leaves. Les Clayes-sous-Bois, 2020-05-16.



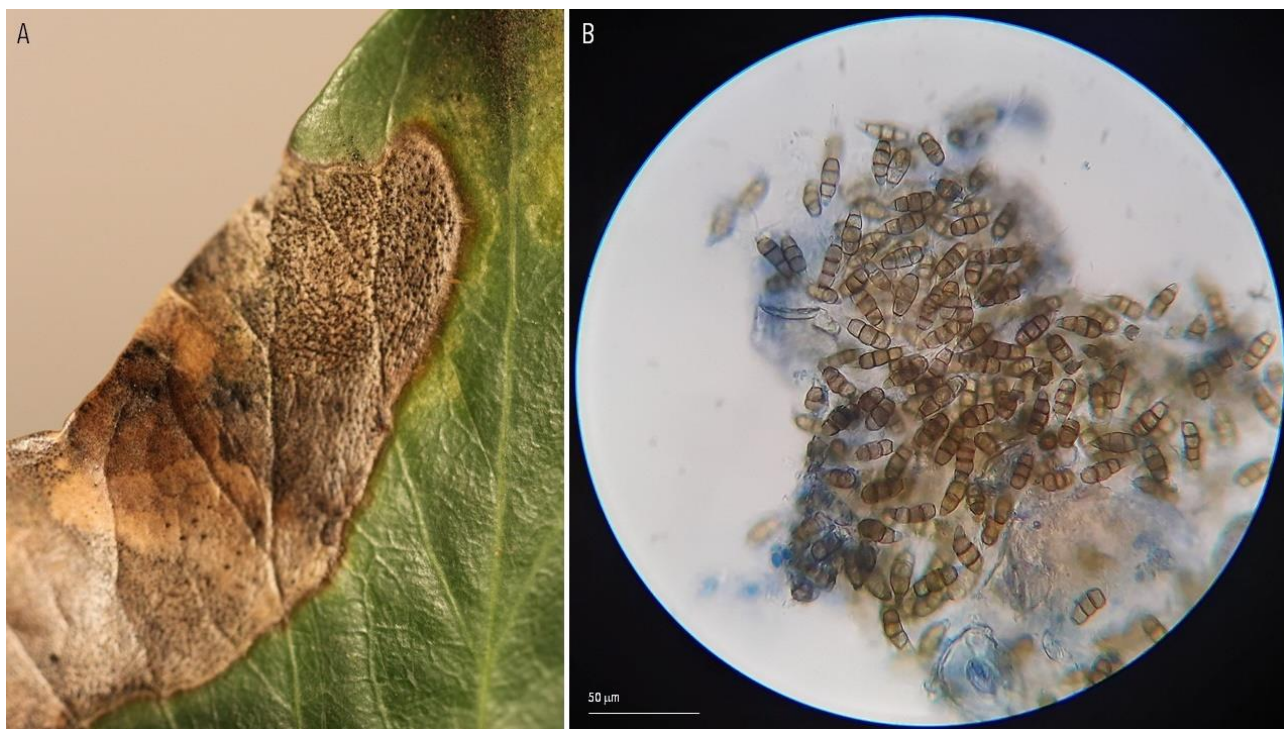
131 | SEPTORIA-LIKE DISEASES | *Pestalotiopsis guepinii* ex *Rhododendron* sp. (rhododendron)

A-C. Diseased plant. D. Spores. Choisel, 2020-06-07 (Maharachchikumbura *et al.*, 2014).

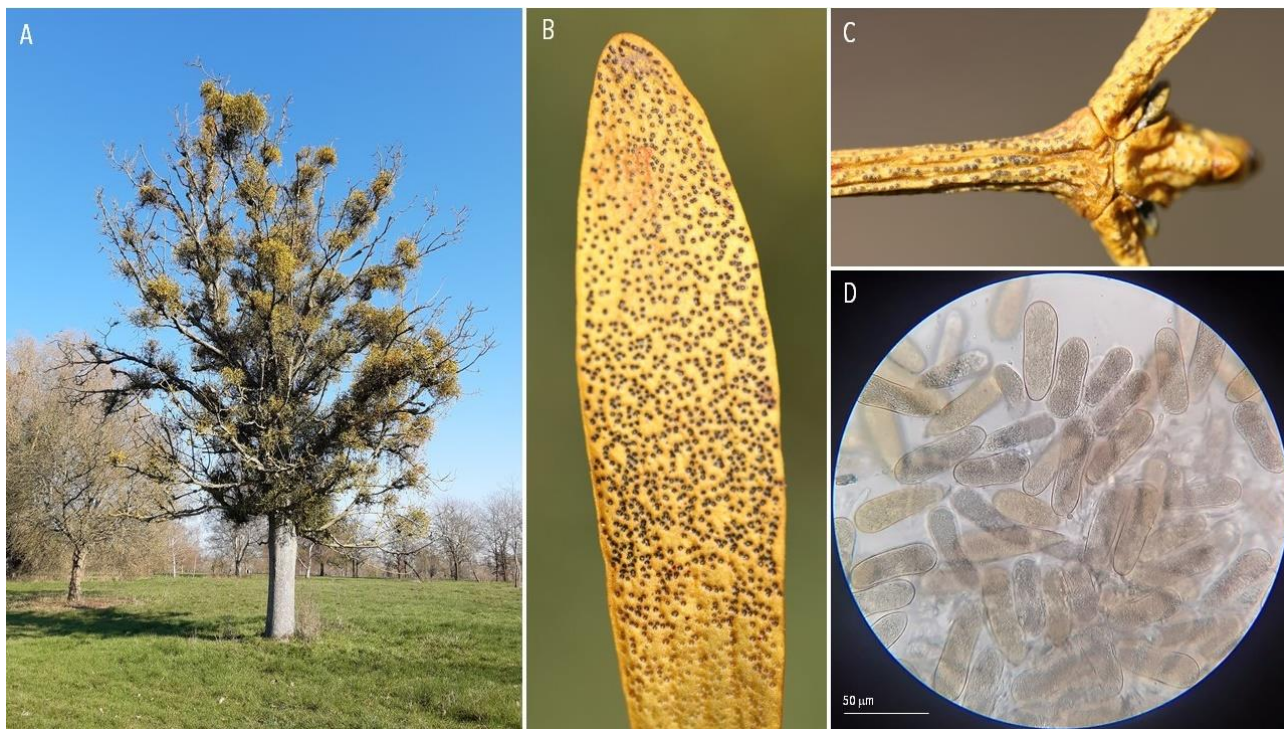


132 | SEPTORIA-LIKE DISEASES | *Pestalotiopsis* sp. (?) ex *Hedera helix* (common ivy)

A. Diseased leaf. D. Spores. Les Clayes-sous-Bois, 2020-12-20.



A-C. Diseased plants. D. Conidia. Le Chesnay, 2021-03-07 (Varga *et al.*, 2012).

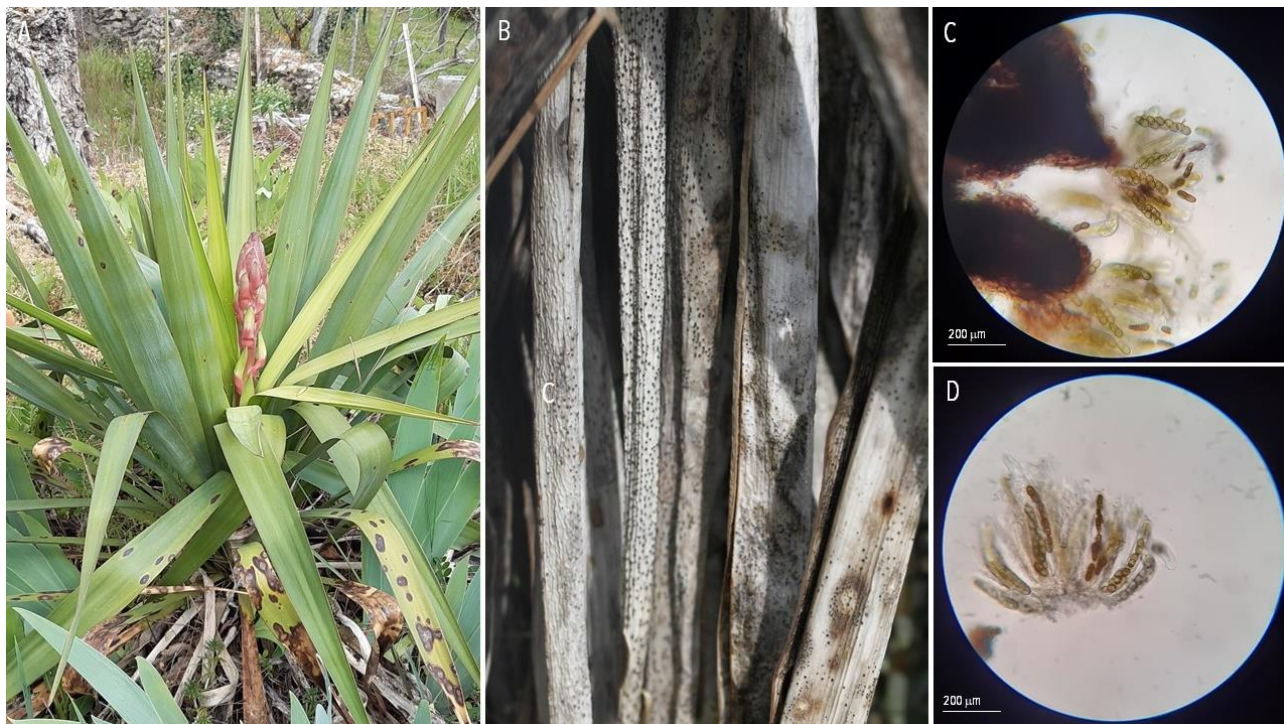


A. Diseased berries. B-C. Conidia. Les Clayes-sous-Bois, 2020-01-31; Thiverval-Grignon, 2021-02-02.



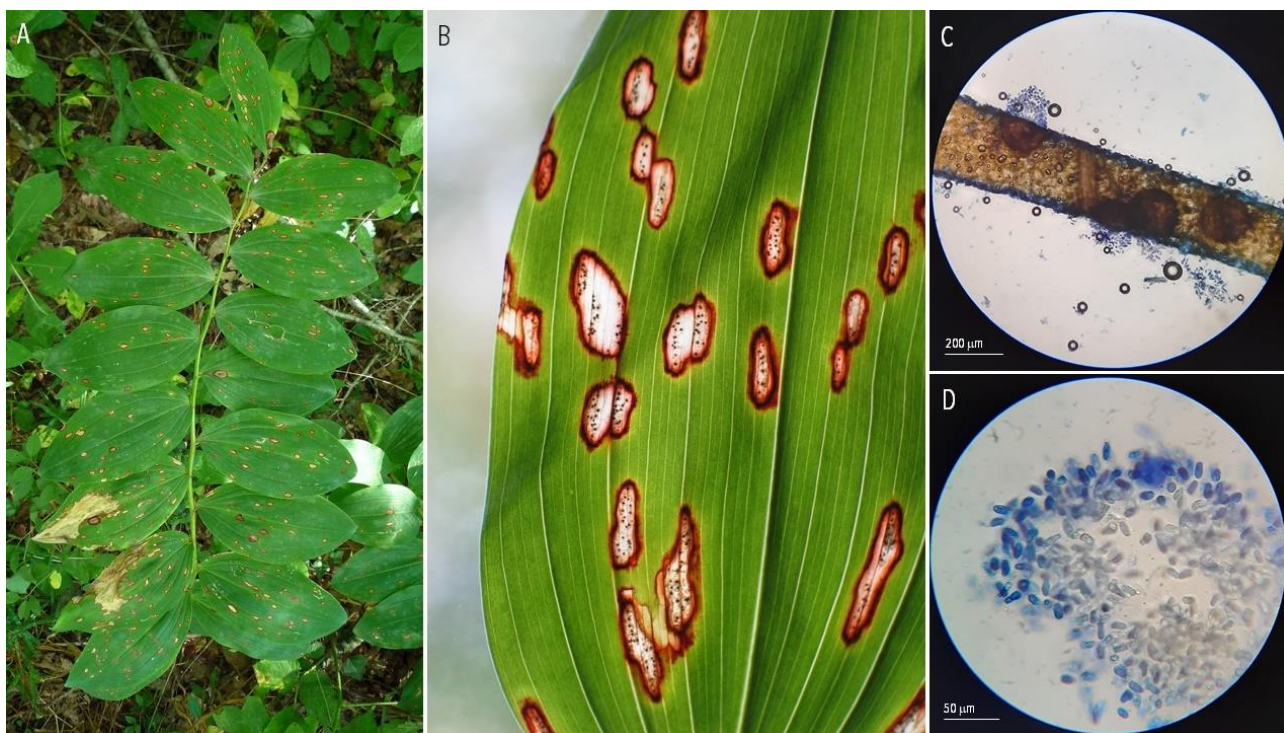
134 | SEPTORIA-LIKE DISEASES | *Phaeobotryosphaeria* sp. (??) ex *Yucca gloriosa* (Adam's needle)

A-B. Diseased plants. C-D. Asci and ascospores. Millau, 2021-04-14.



135 | SEPTORIA-LIKE DISEASES | *Phyllosticta cruenta* ex *Polygonatum multiflorum* (Solomon's seal)

A-B. Diseased plant. C. Pycnida. D. Conidia. Palangeoles, 2020-07-13.



136 | SEPTORIA-LIKE DISEASES | *Phyllosticta foliorum* or *Phyllosticta philoprina*(?) ex *Taxus baccata* (common yew)

A-B. Diseased leaves. C-D. Pycnidia. E. Conidia. Millau, 2020-10-22 (Wikee et al., 2013).



137 | SEPTORIA-LIKE DISEASES | *Phyllosticta hederæ*(?) ex *Hedera helix* (common ivy)

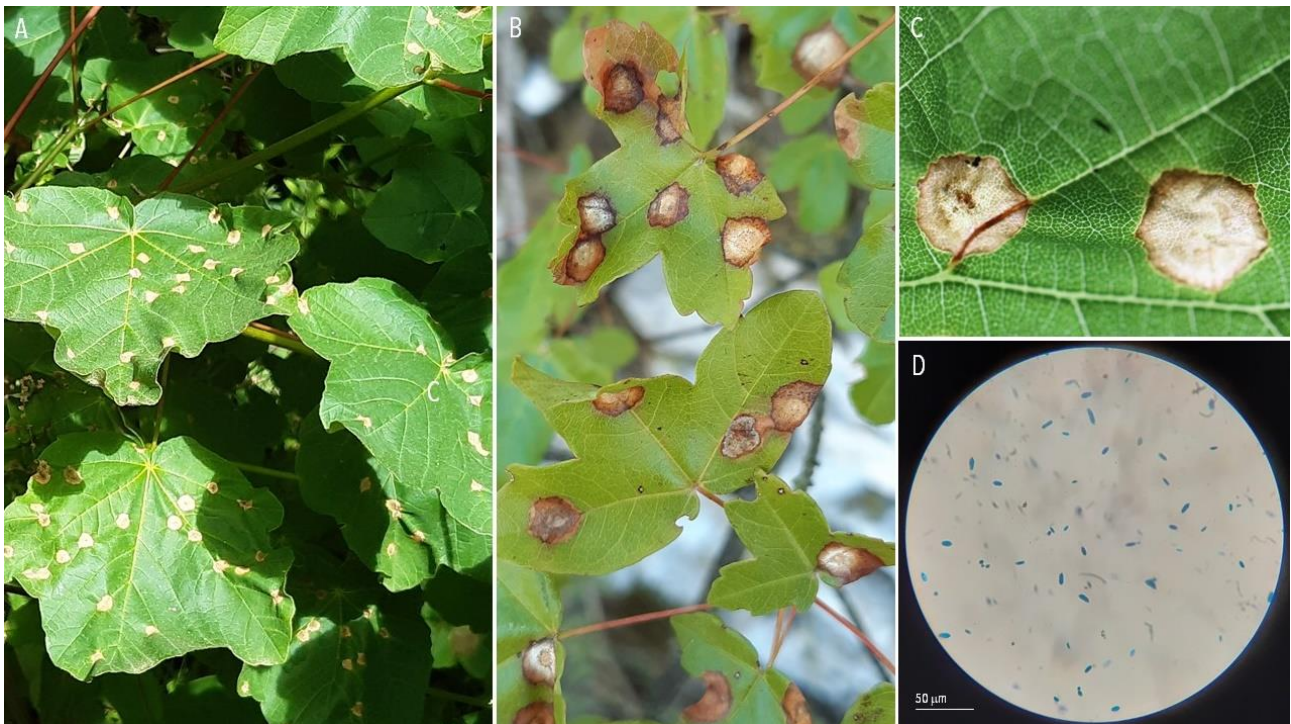
A-B. Diseased leaves. Thiverval-Grignon, 2020-04-18.



A-B. Diseased plant. C. Conidia. Millau, 2020-07-16.

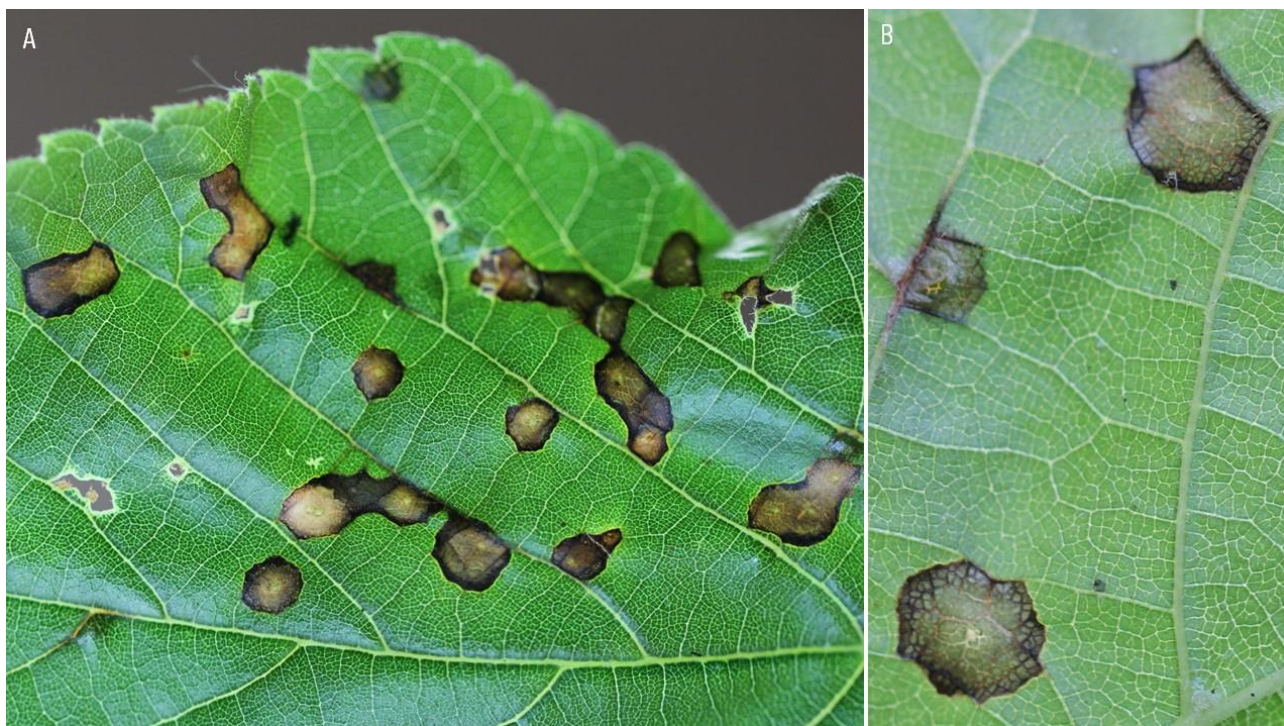


A, C. Diseased leaves (*Acer opalus*). B. Diseased leaves (*Acer monspessulanum*). D. Conidia. Thiverval-Grignon, 2020-05-22; Saint-Chels, 2020-08-08.



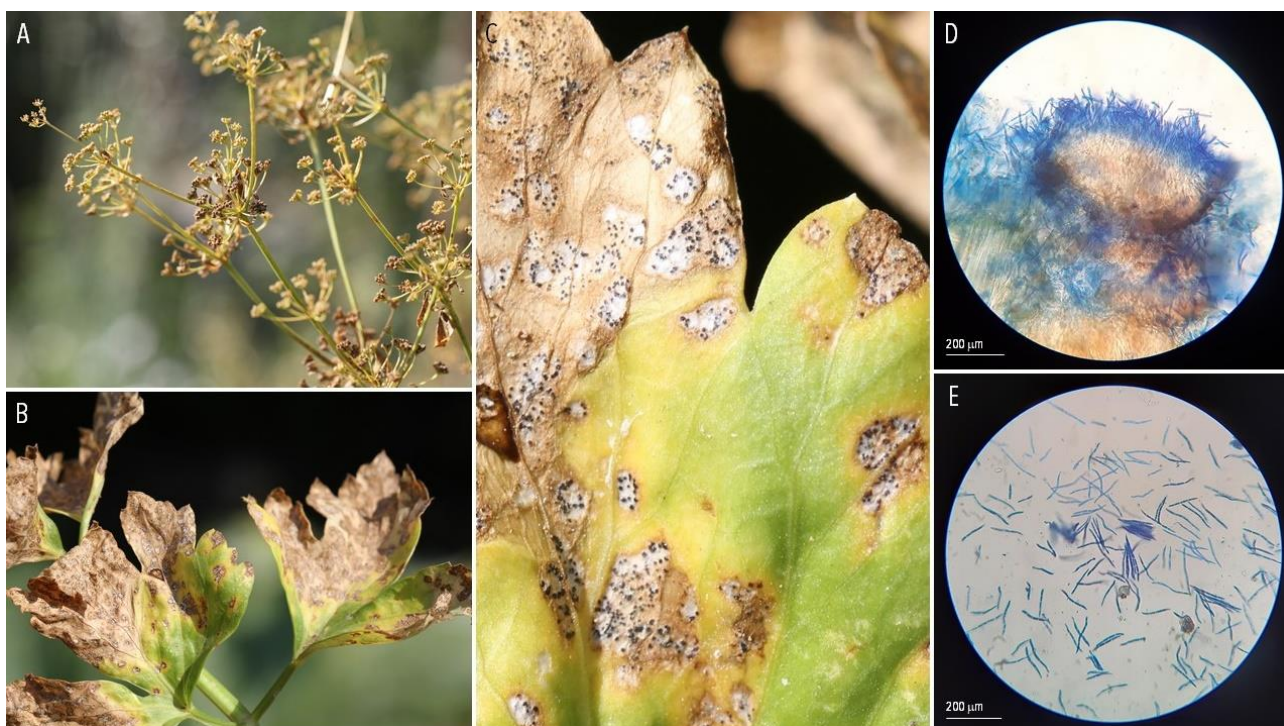
140 | SEPTORIA-LIKE DISEASES | *Phyllosticta tiliae* (??) ex *Tilia cordata* (linden)

A-B. Diseased leaf. Les Clayes-sous-Bois, 2020-05-16.



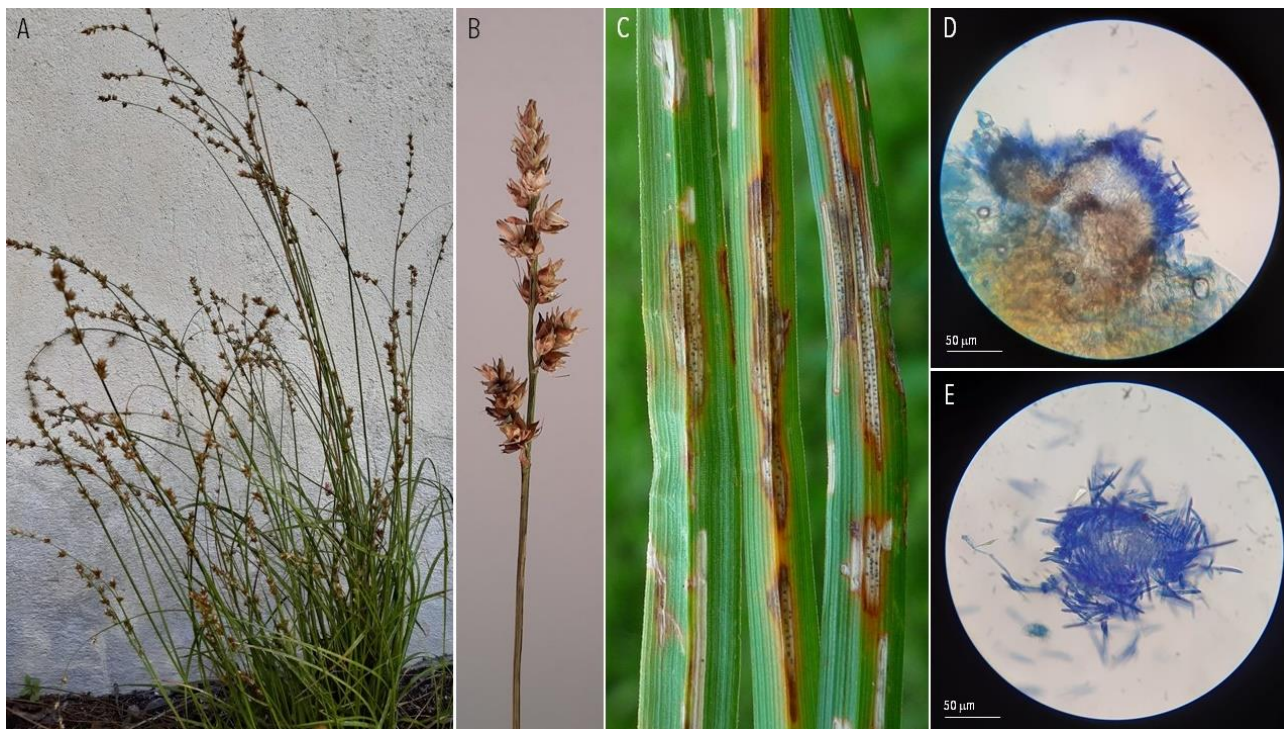
141 | SEPTORIA-LIKE DISEASES | *Septoria apiicola* ex *Apium graveolens* (celery)

A-C. Diseased plant. D. Pycnidium. E. Pycnidio-pores. Millau, 2020-07-21.



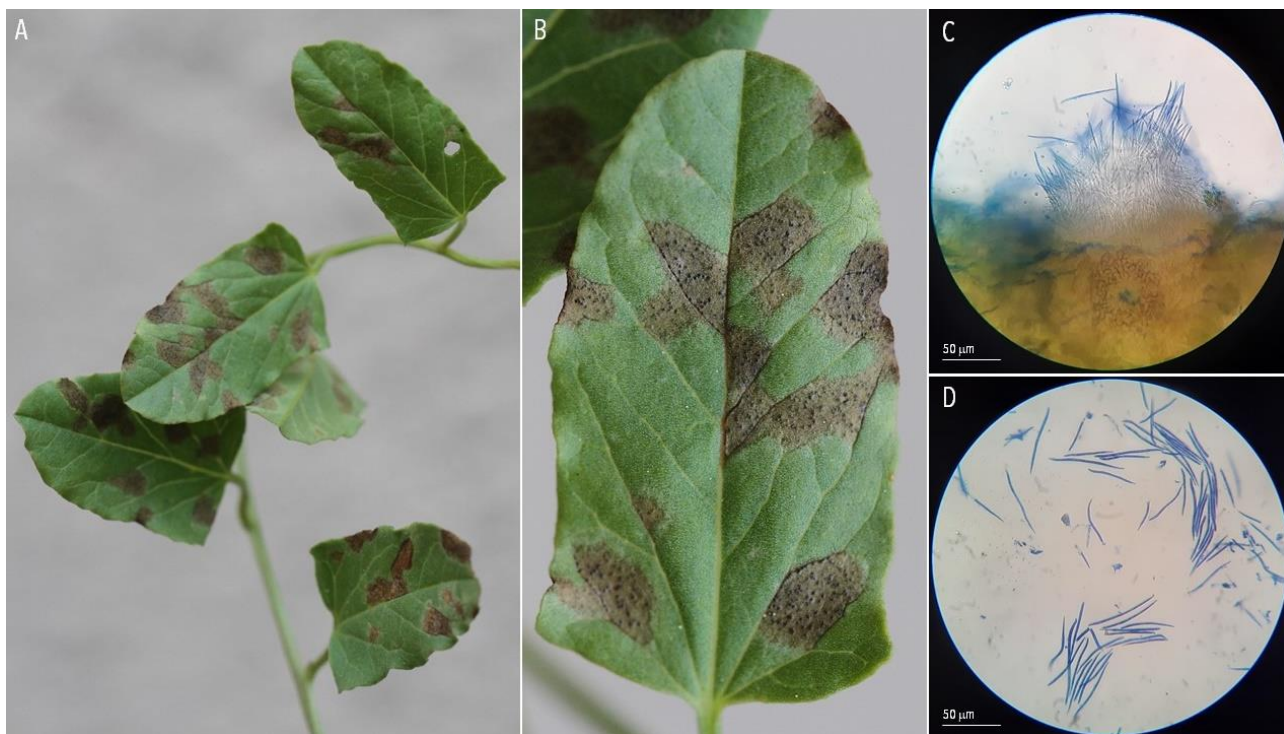
142 | SEPTORIA-LIKE DISEASES | *Septoria caricis* ex *Carex divulsa* subsp. *divulsa* (grey sedge)

A-C. Diseased plant. D. Pycnidium. E. Pycnidiospores. Villeneuve Tolosane, 2020-06-21 (Jørstad, 1958; Quaedvlieg *et al.*, 2013; Erdoğan & Özbek, 2017).



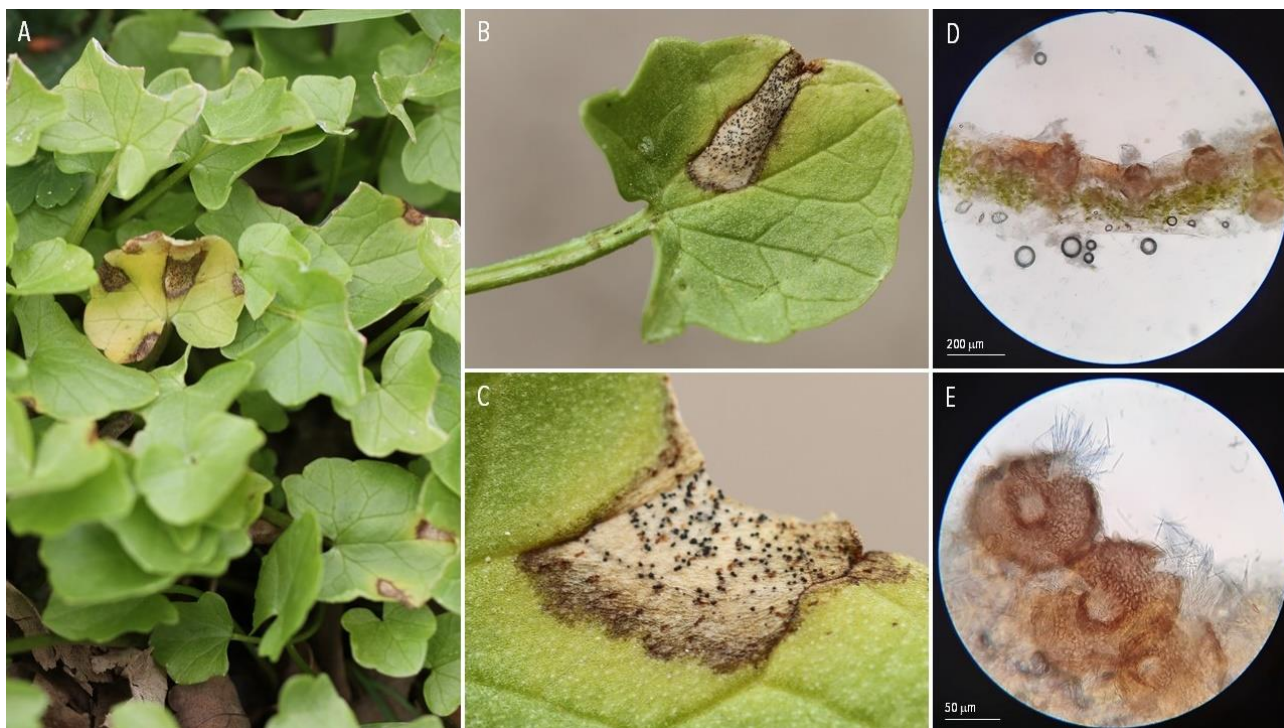
143 | SEPTORIA-LIKE DISEASES | *Septoria convulvi* ex *Convolvulus arvensis* (field bindweed)

A-B. Diseased plant. C. Pycnidium. D. Pycnidiospores. Millau, 2020-10-19.



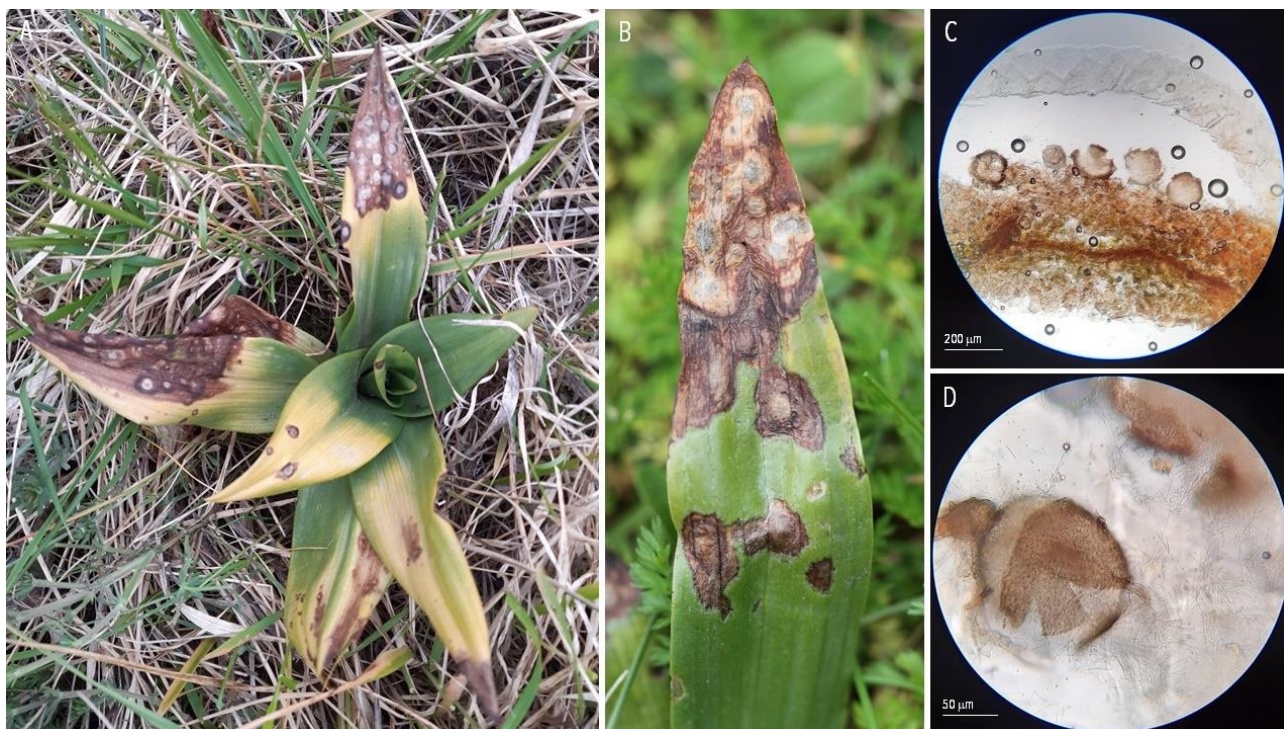
144 | SEPTORIA-LIKE DISEASES | *Septoria ficariae* ex *Ficaria verna* (lesser celandine)

A-B. Diseased plant. C-D. Pycnidia. E. Pycnidiospores. Saint-Léger en Yvelines, 2021-05-08.



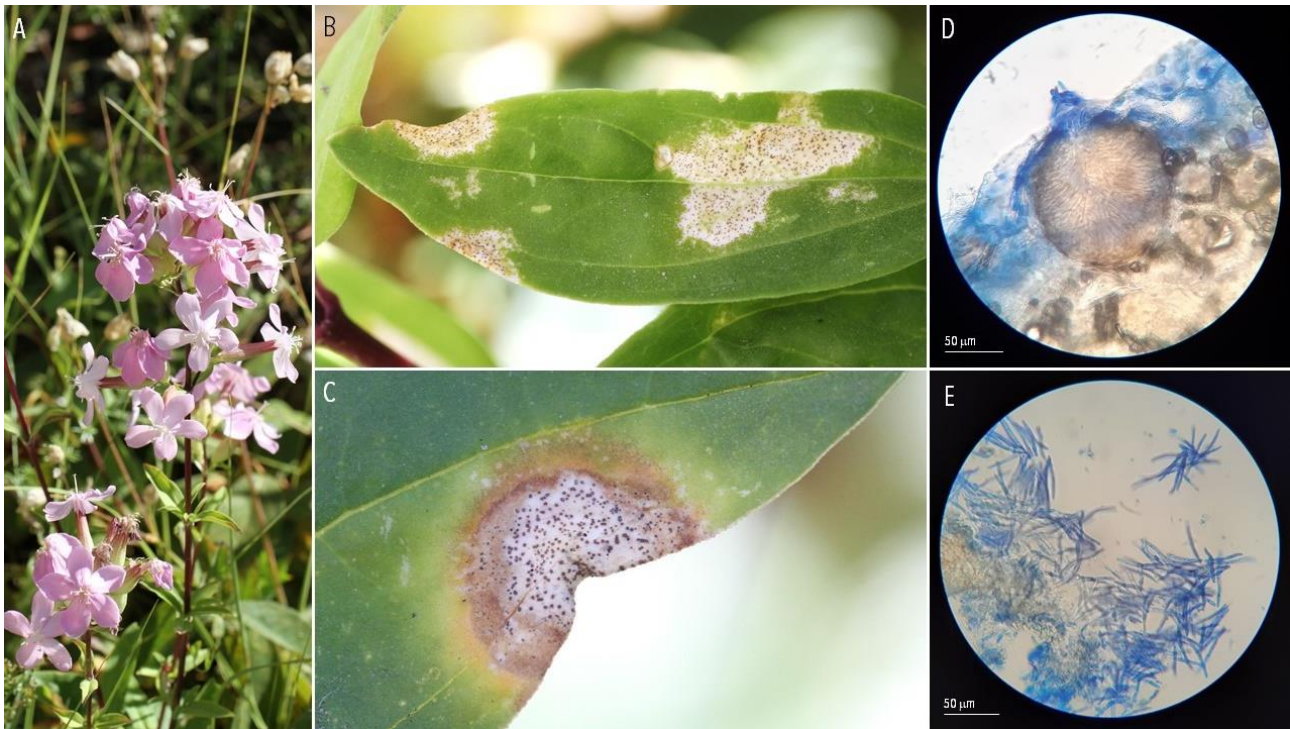
145 | SEPTORIA-LIKE DISEASES | *Septoria orchidearum*(?) ex *Orchis pyramidalis* (pyramidal orchid)

A-B. Diseased plant. C. Pycnidia. D. Pycnidiospores. Millau, 2021-05-11.



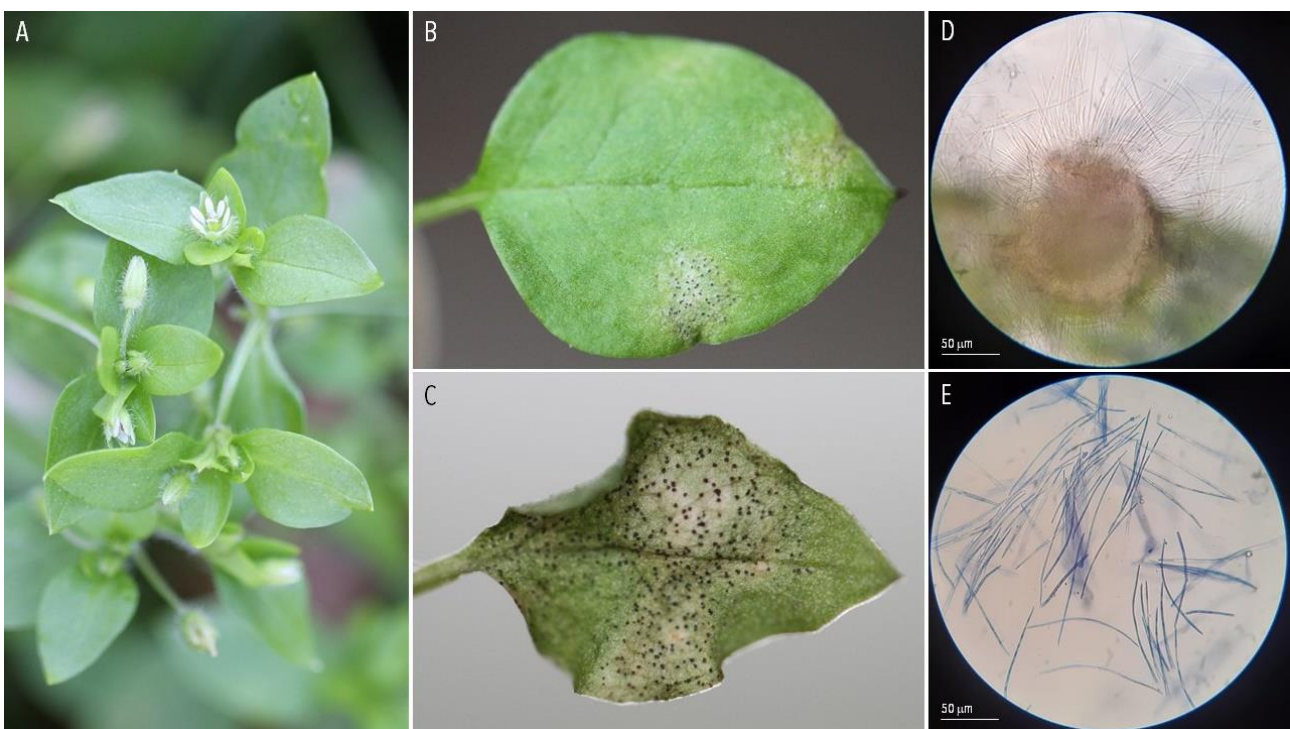
146 | SEPTORIA-LIKE DISEASES | *Septoria saponariae* ex *Saponaria officinalis* (common soapwort)

A-C. Diseased plant. D. Pycnidium. E. Pycnidiospores. Millau, 2020-07-12.



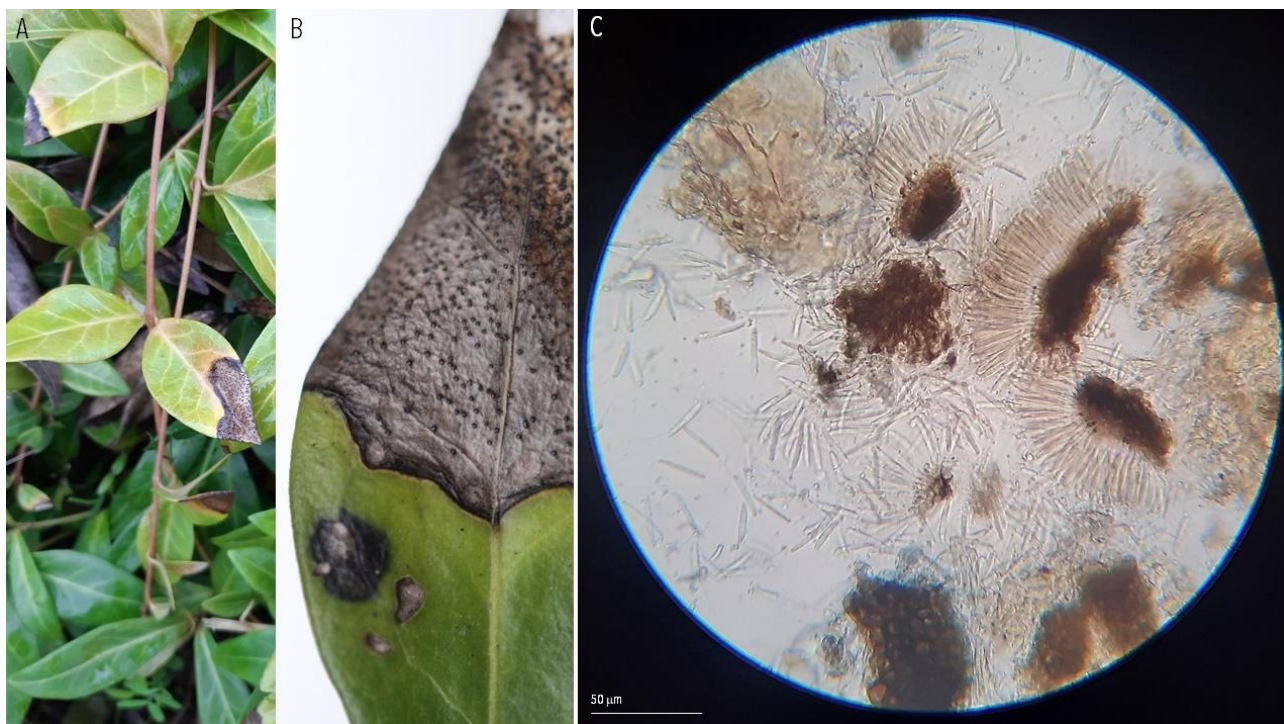
147 | SEPTORIA-LIKE DISEASES | *Septoria stellariae* ex *Stellaria media* (chickweed)

A-C. Diseased plant. D. Pycnidium. E. Pycnidiospores. Millau, 2020-10-22; Versailles, 2020-11-28.



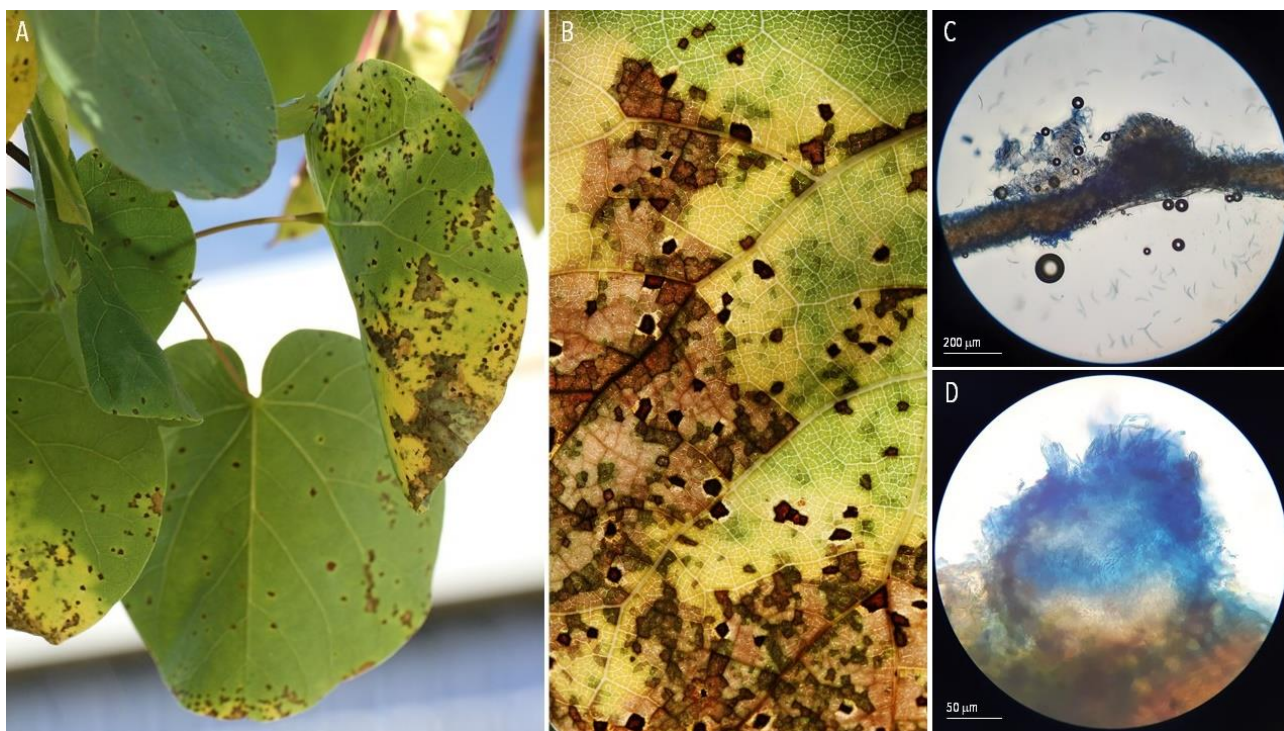
148 | SEPTORIA-LIKE DISEASES | *Septoria vincae* ex *Vinca minor* (lesser periwinkle)

A-B. Diseased plant. C. Conidia. Millau, 2020-10-22.



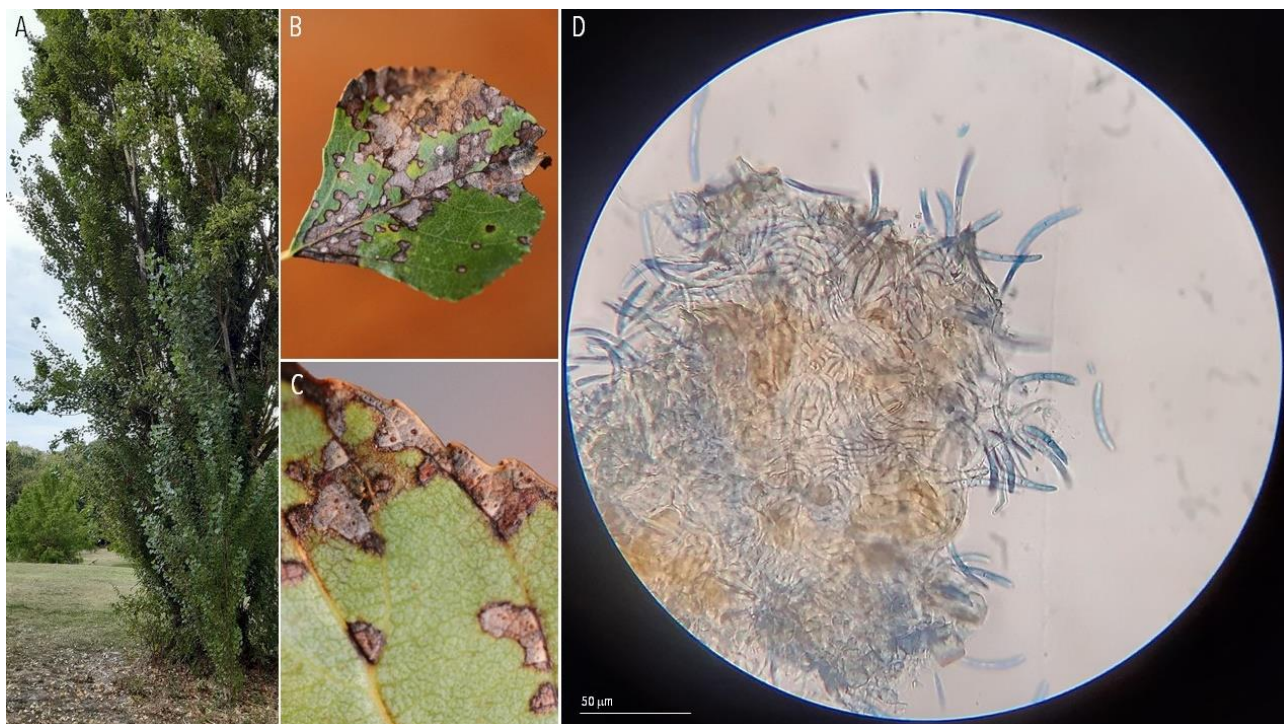
149 | SEPTORIA-LIKE DISEASES | *Sphaerulina cercidis* (syn. *Septoria provincialis*) ex *Cercis siliquastrum* (Judas tree)

A-B. Diseased leaves. C. Conidiomata. D. Conidia. Millau, 2020-07-12 (Quaedvlieg et al., 2013; Verkley et al., 2013).



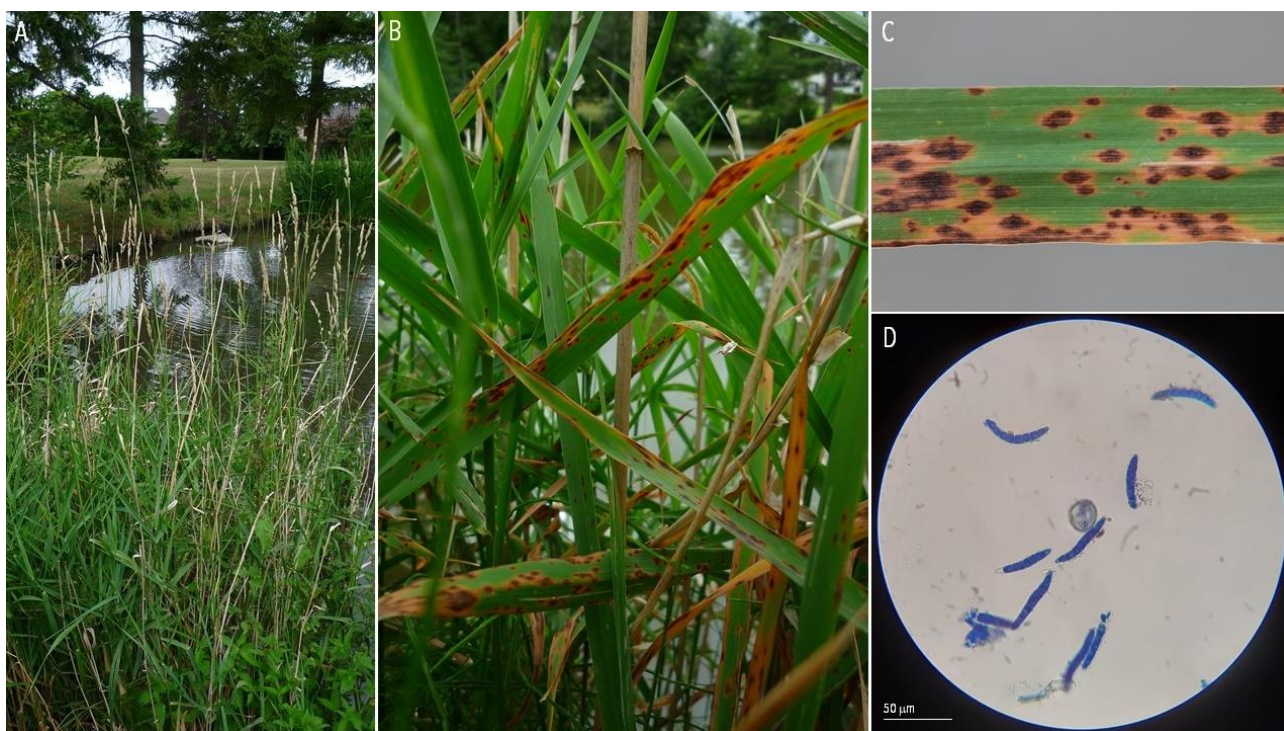
150 | SEPTORIA-LIKE DISEASES | *Sphaerulina frondicola* (syn. *Septoria populif*) ex *Populus nigra* (black poplar)

A-C. Diseased plant. D. Conidia. Les Clayes-sous-Bois, 2020-09-19 (Quaedvlieg et al., 2013; Verkley et al., 2013).



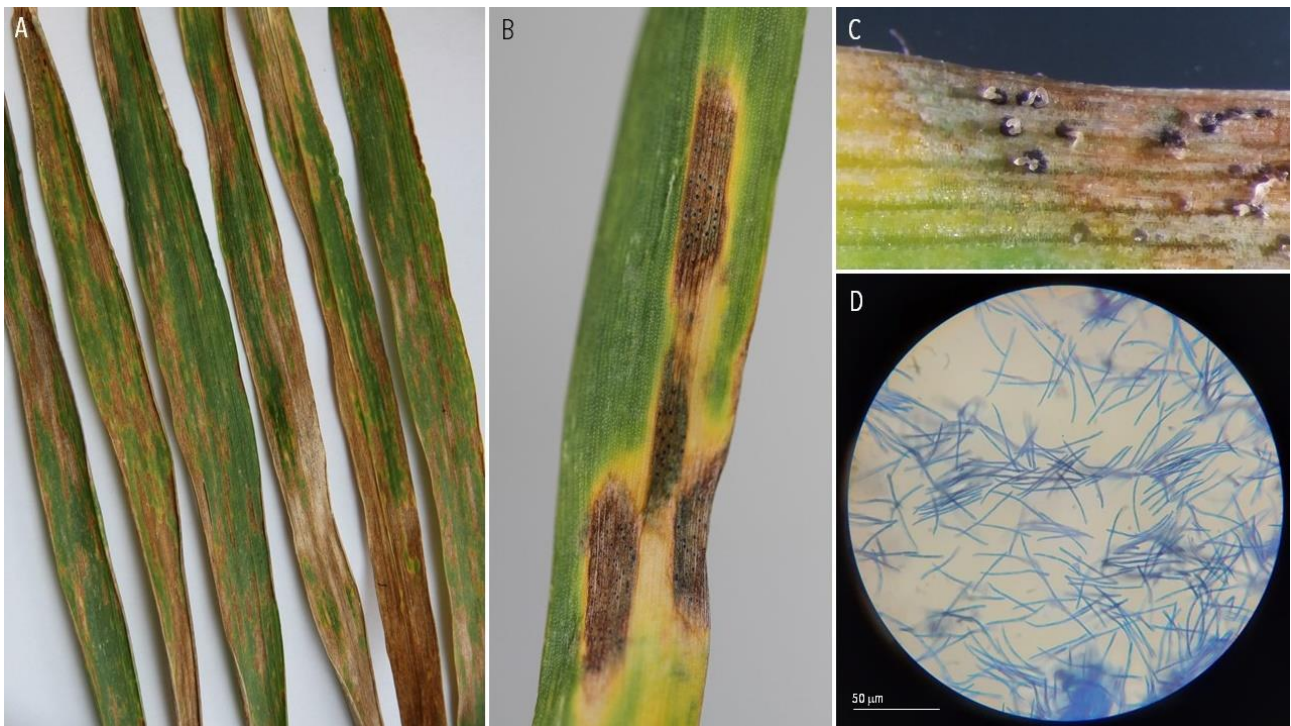
151 | SEPTORIA-LIKE DISEASES | *Stagonospora foliicola* ex *Phalaris arundinacea* (reed canarygrass)

A-C. Diseased plant. D. Conidia. Les Clayes-sous-Bois, 2020-07-04; Sermizelles, 2020-08-16 (Sprague, 1950).



152 | SEPTORIA-LIKE DISEASES | *Zymoseptoria tritici* ex *Triticum aestivum* (bread wheat)

A-B. Diseased plant. C. Pycnidia. D. Pycnidiospores. Thiverval-Grignon, 2020-06-07.



153 | OTHER FUNGAL LEAF DISEASES | *Alternaria tenuissima* (?) ex *Euonymus japonicus* (Japanese spindle)

A-B. Diseased leaves. C-D. Spores. Les Clayes-sous-Bois, 2020-09-28 (Safari Motlagh & Bayegan, 2014; Zhang et al., 2019).



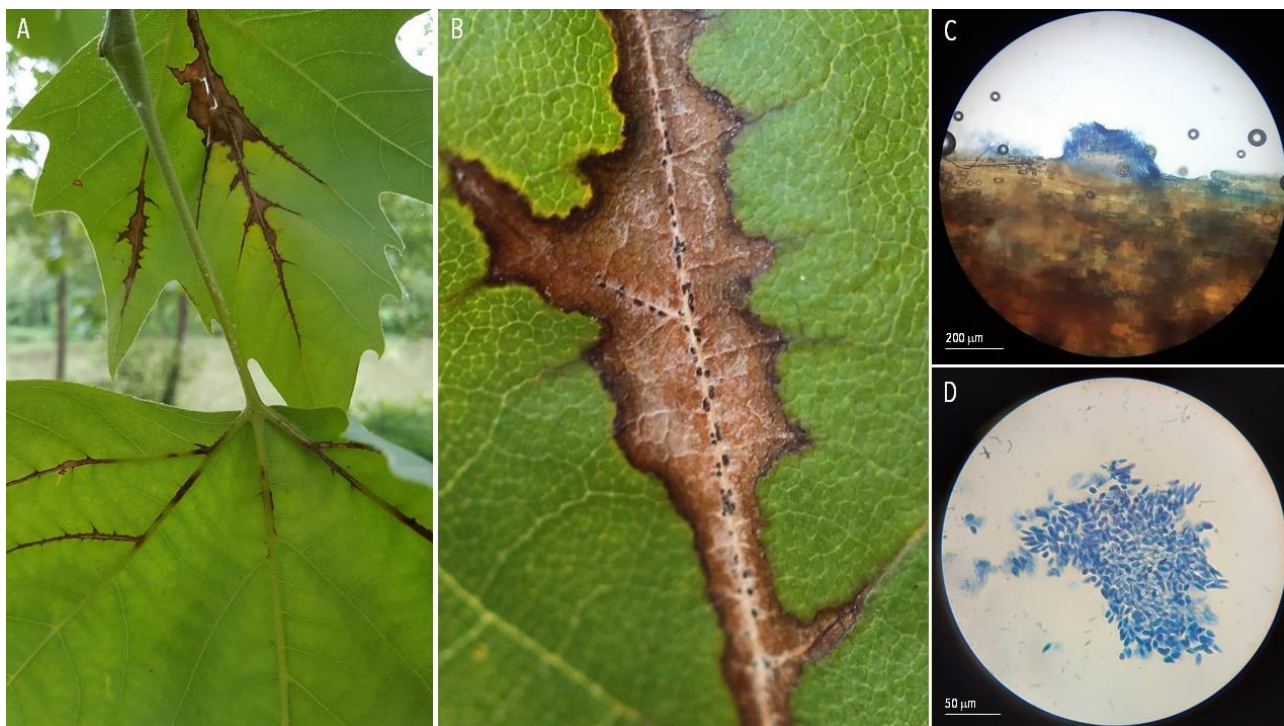
154 | OTHER FUNGAL LEAF DISEASES | *Apiognomonina errabunda* ex *Quercus robur* (pedonculate oak)

A-B. Diseased leaves. Saint-Chels, 2020-08-08.



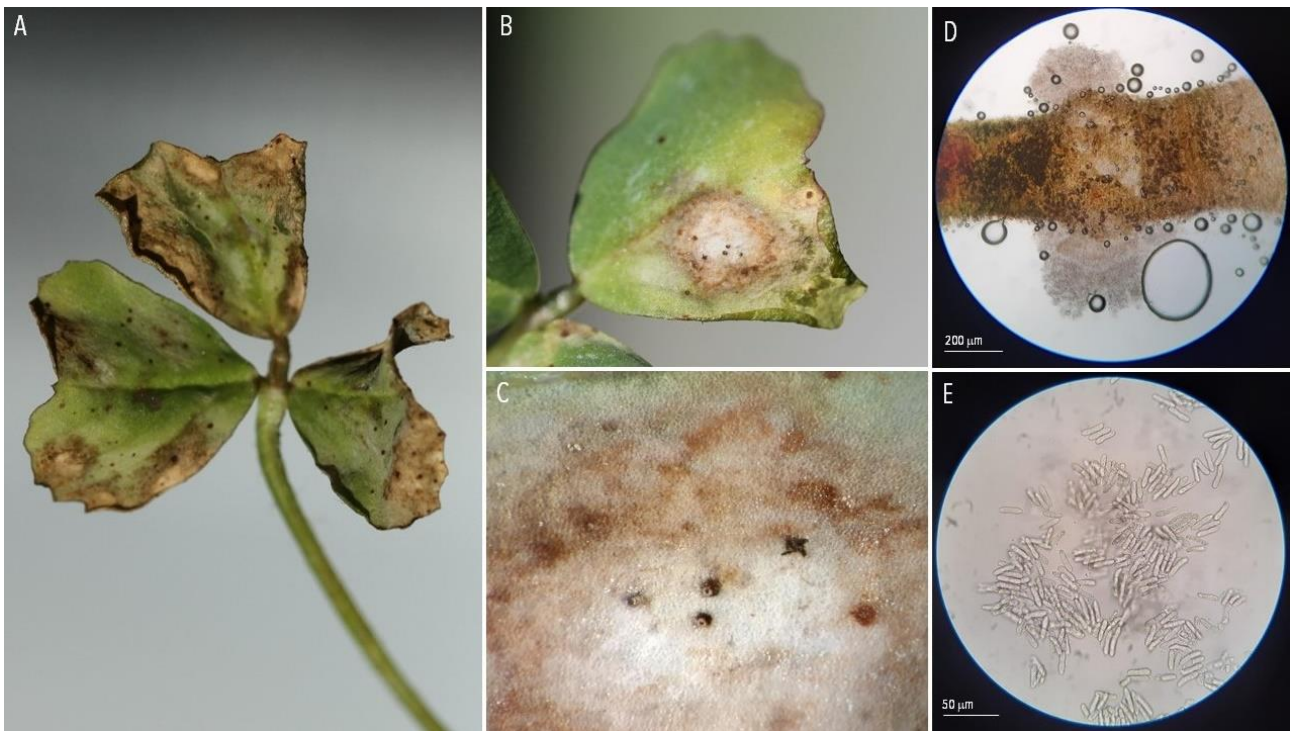
155 | OTHER FUNGAL LEAF DISEASES | *Apiognomonina veneta* ex *Platanus x hispanica* (London plane)

A-B. Diseased leaves. C. Conidiomata. D. Conidia. Choisel, 2020-06-07.



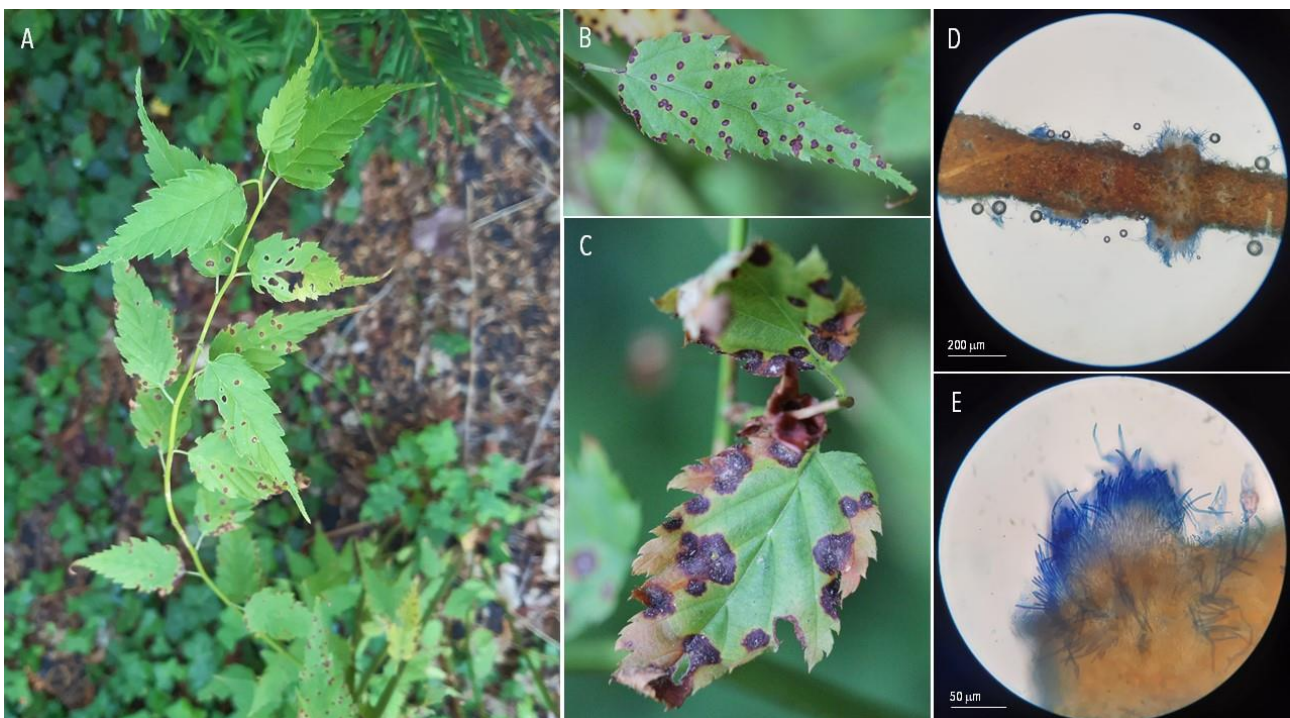
156 | OTHER FUNGAL LEAF DISEASES | *Ascochyta trifolii* ex *Trifolium repens* (white clover)

A-B. Diseased plant. C-D. Pycnidia. E. Conidia. Thiverval-Grignon, 2021-03-24.



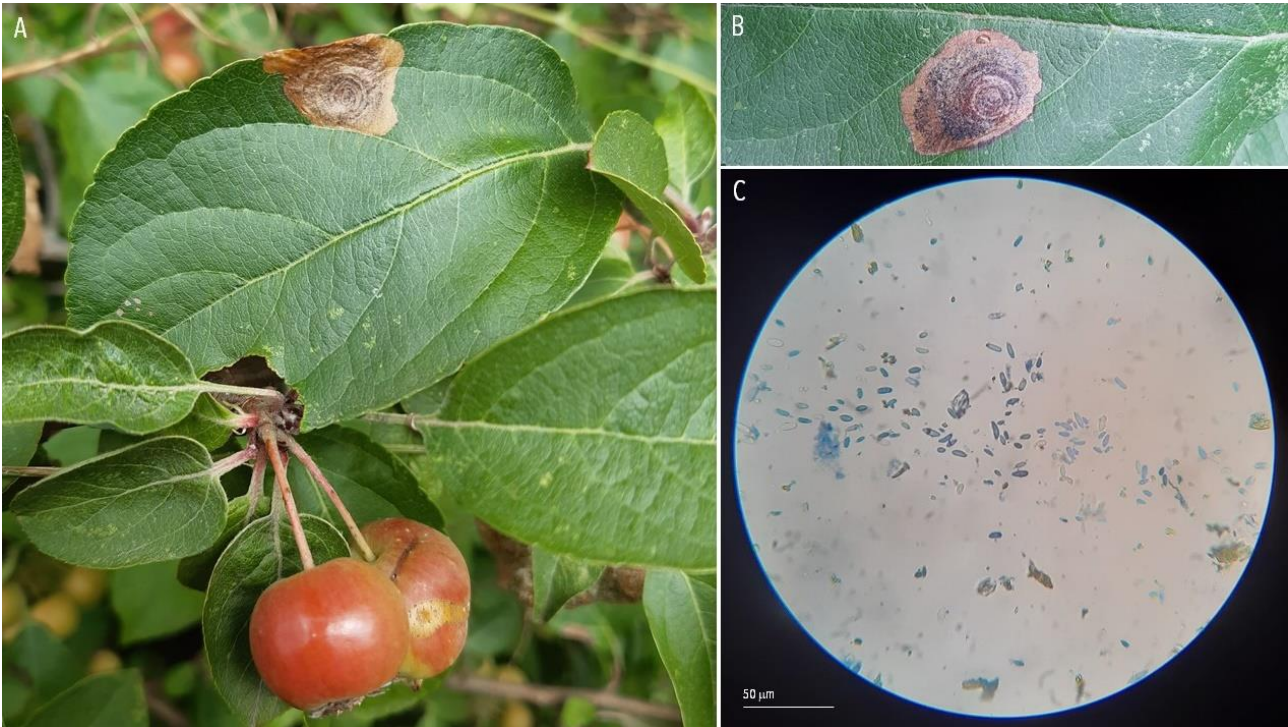
157 | OTHER FUNGAL LEAF DISEASES | *Blumeriella kerriae* ex *Kerria japonica* (Japanese marigold bush)

A-C. Diseased plant. D. Pycnidia. E. Conidia. Chartres, 2020-07-26; Villeneuve Tolosane, 2020-08-02 (Stewart, 1917; Robinson *et al.*, 2017).



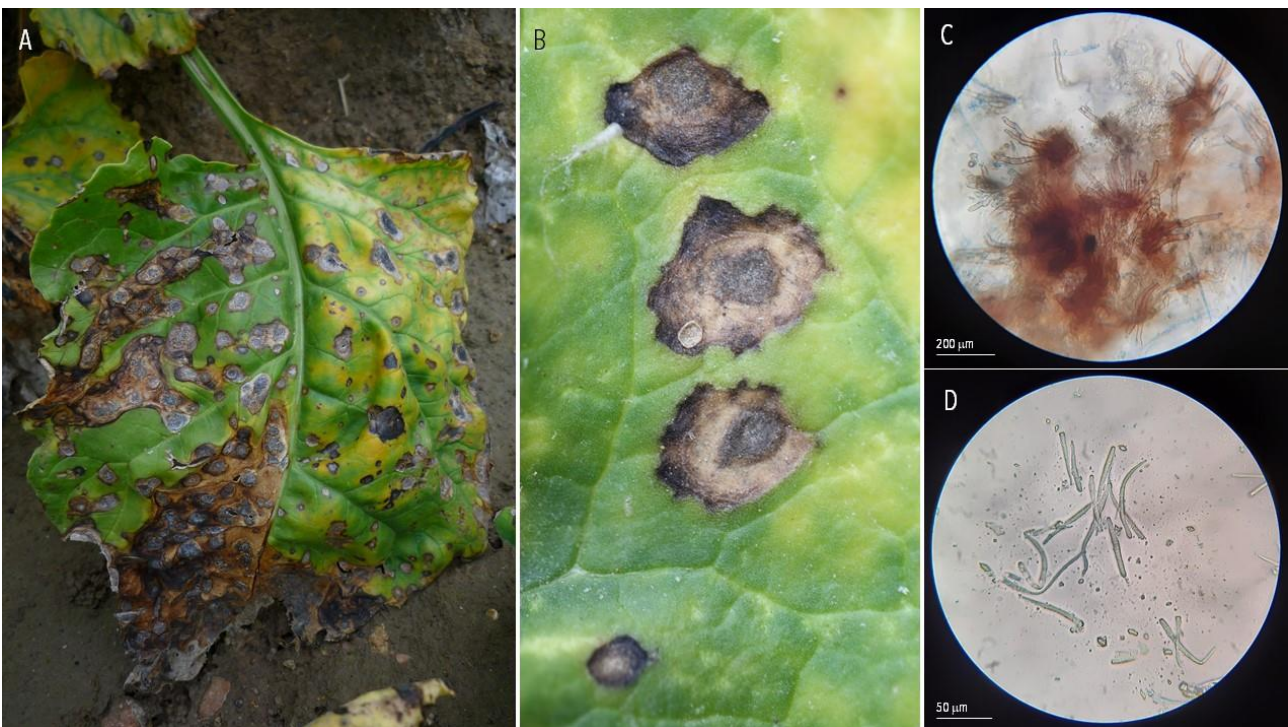
158 | OTHER FUNGAL LEAF DISEASES | *Botryosphaeria obtusa* ex *Malus sylvestris* (European crab)

A-B. Diseased plant. C. Conidia. Les Clayes-sous-Bois, 2020-08-28; Thiverval-Grignon, 2020-08-26.



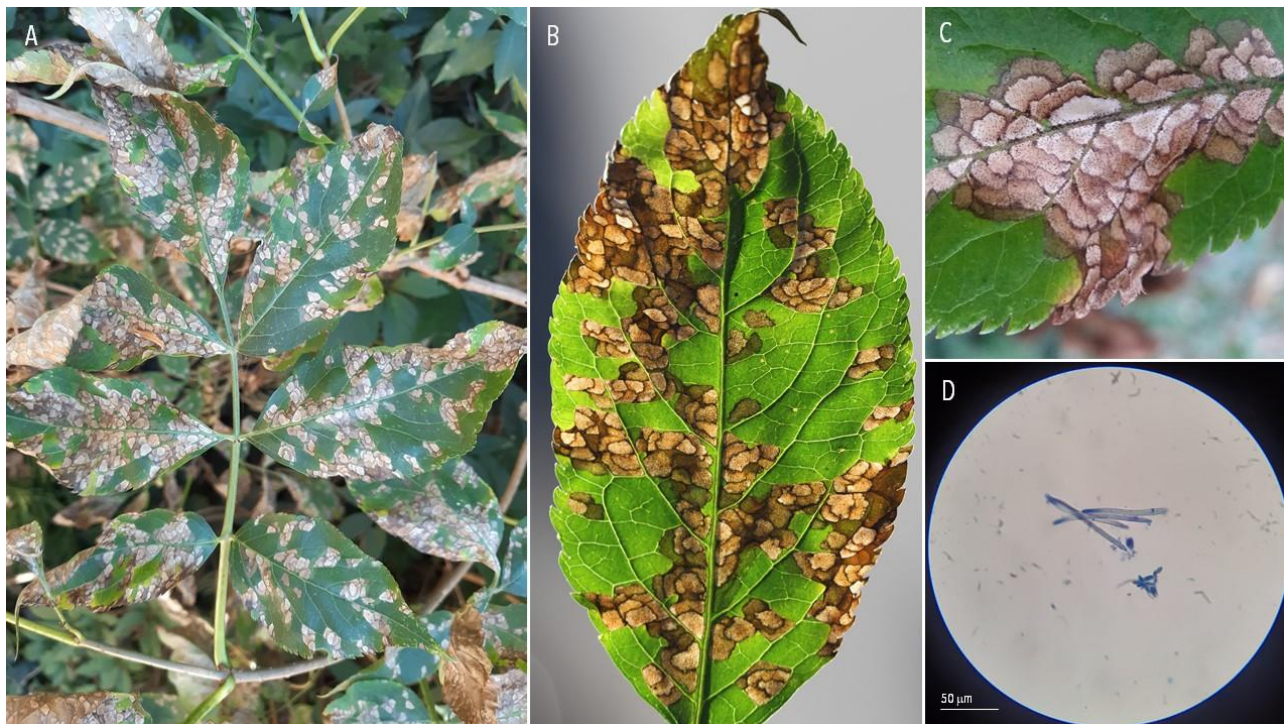
159 | OTHER FUNGAL LEAF DISEASES | *Cercospora beticola* ex *Beta vulgaris* (beet)

A-B. Diseased leaf. C-D. Conidia. Orsonville, 2020-10-17.



160 | OTHER FUNGAL LEAF DISEASES | *Cercospora depazeoides* ex *Sambucus nigra* (black elder)

A-C. Diseased leaves. D. Conidia. Les Clayes-sous-Bois, 2020-06-29 ; Sermizelles, 2020-08-20.



161 | OTHER FUNGAL LEAF DISEASES | *Coryneum beijerinckii* ex *Prunus cerasus* (sour cherry)

A-B. Diseased leaves. Choisel, 2020-06-07.



162 | OTHER FUNGAL LEAF DISEASES | *Diaporthe aucubae* ex *Aucuba japonica* (spotted laurel)

A-C. Diseased plant. D-E. Conidia. Les Clayes-sous-Bois, 2020-04-07 (Pollacci & Cavara, 1926).



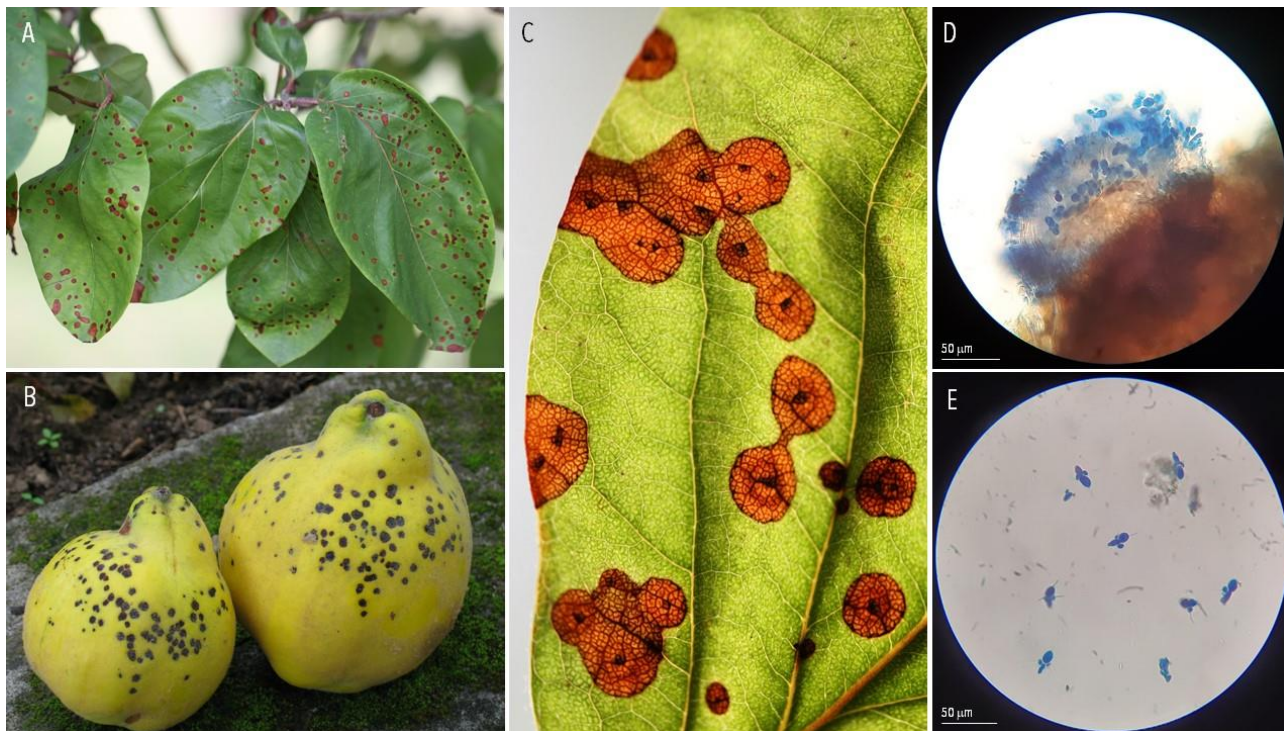
163 | OTHER FUNGAL LEAF DISEASES | *Didymellina macrospora* ex *Iris germanica* (bearded iris)

A-B. Diseased leaves. Les Clayes-sous-Bois, 2020-05-22, Millau, 2020-06-28.



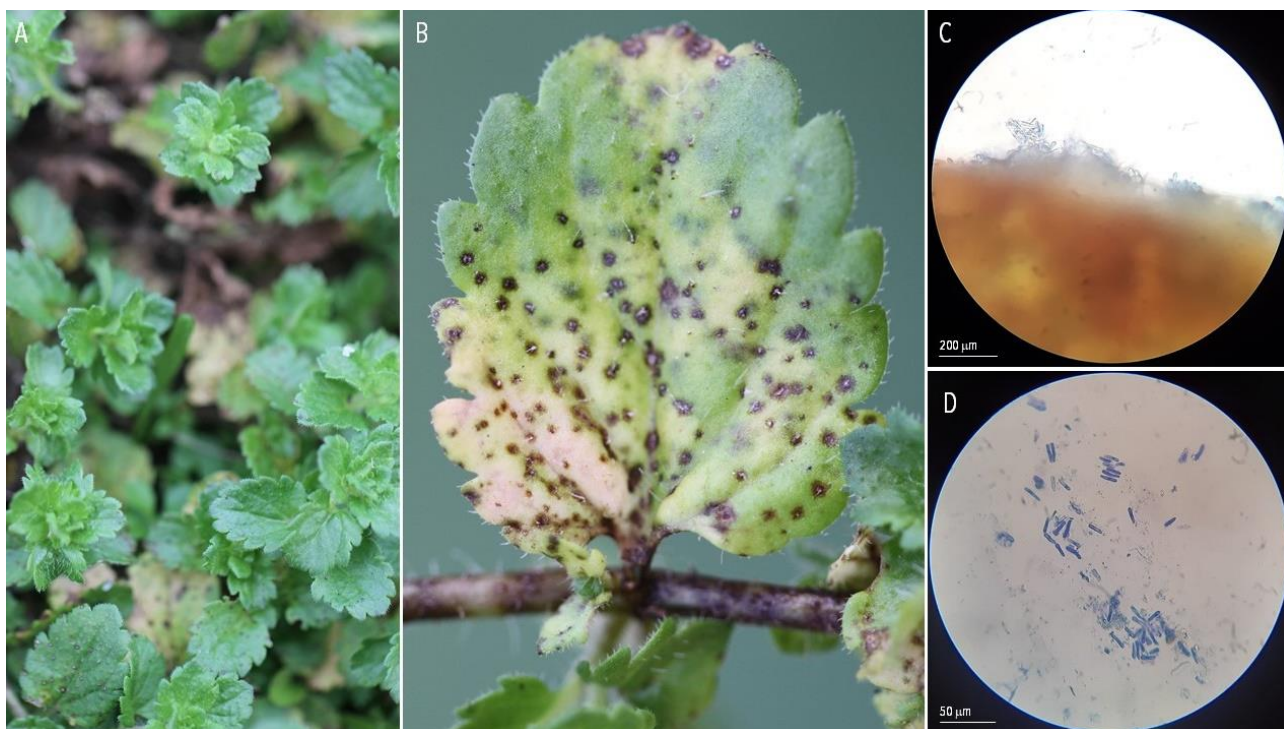
164 | OTHER FUNGAL LEAF DISEASES | *Diplocarpon mespili* ex *Cydonia oblonga* (quince)

A-B. Diseased plant. D-E. Conidia. Elincourt-Sainte-Marguerite, 2020-06-28; Millau, 2020-07-13.

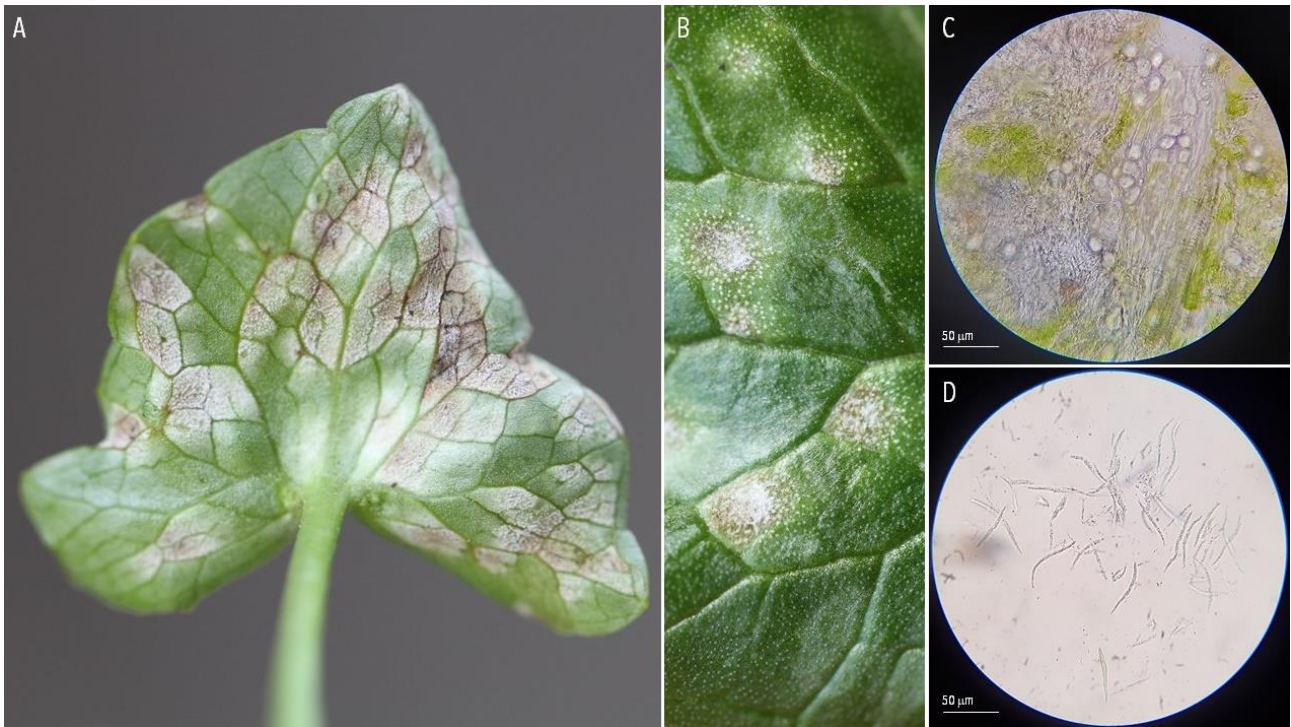


165 | OTHER FUNGAL LEAF DISEASES | *Discogloeum veronicae* ex *Veronica persica* (bird's eye)

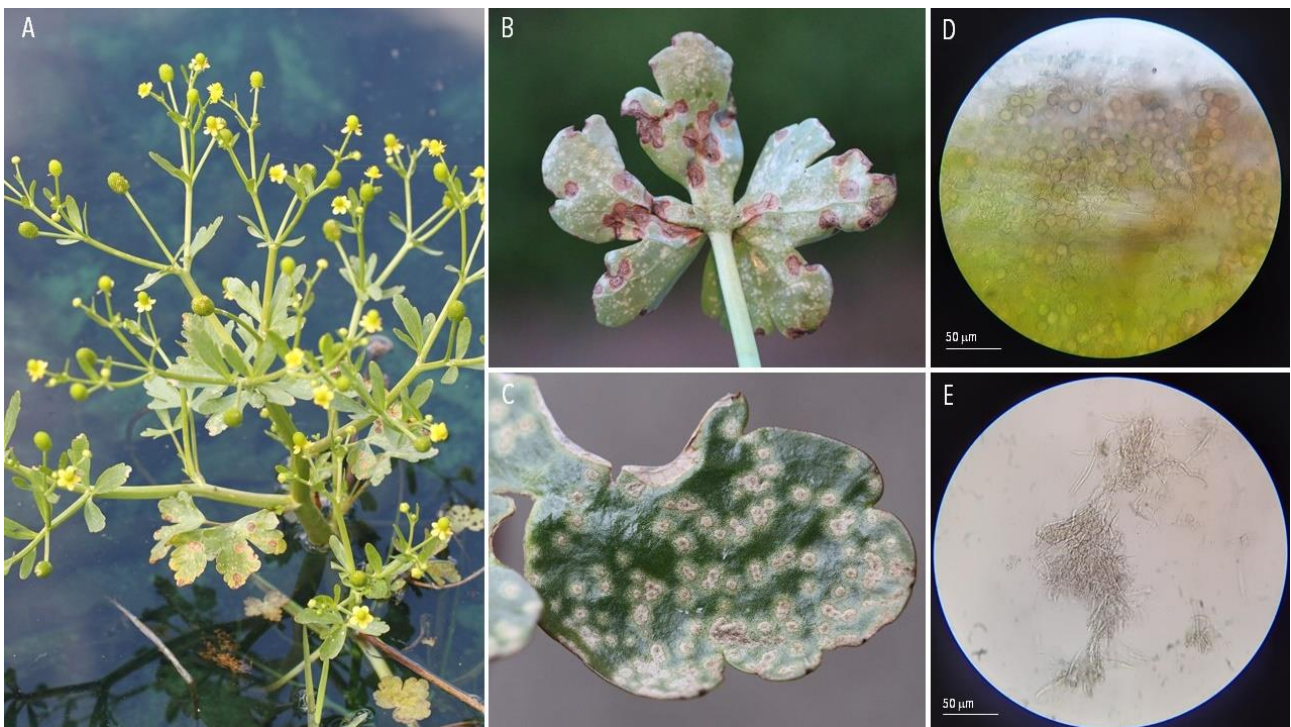
A-B. Diseased plant. C-D. Conidia. Les Clayes-sous-Bois, 2020-11-22.



A-B. Diseased leaf. C. Spores. D. Conidia. Les Clayes-sous-Bois, 2021-03-21.

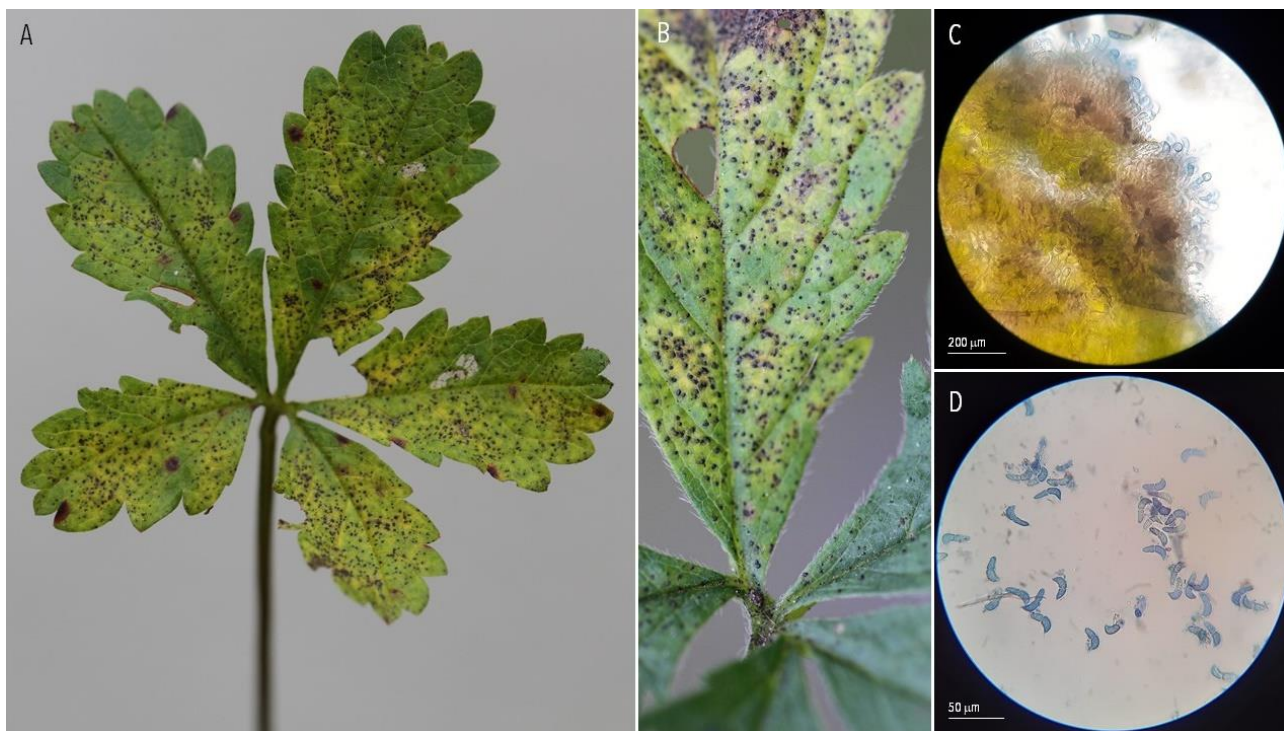


A-C. Diseased plant. D. Spores. E. Conidia. Les Clayes-sous-Bois, 2021-05-19.



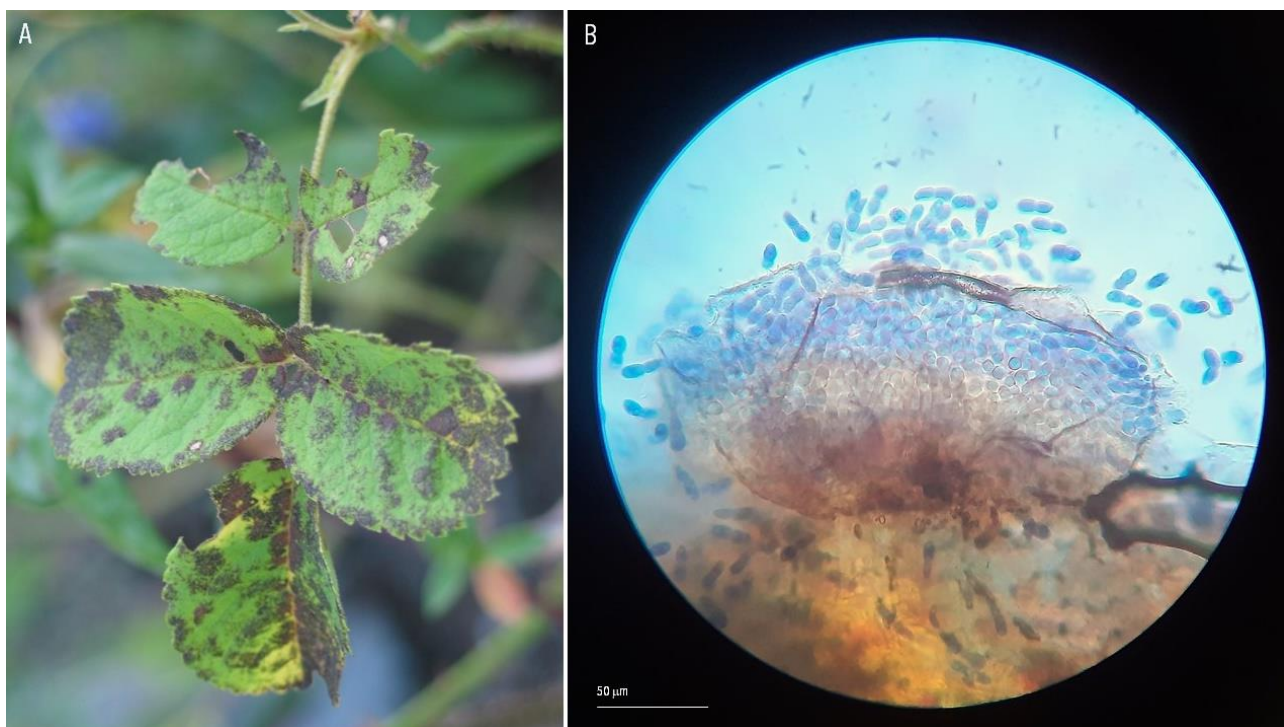
168 | OTHER FUNGAL LEAF DISEASES | *Marssonina fragariae* ex *Potentilla reptans* (creeping cinquefoil)

A-B. Diseased leaves. C-D. Conidia. Les Clayes-sous-Bois, 2020-11-14 (Scheuer, 2012).



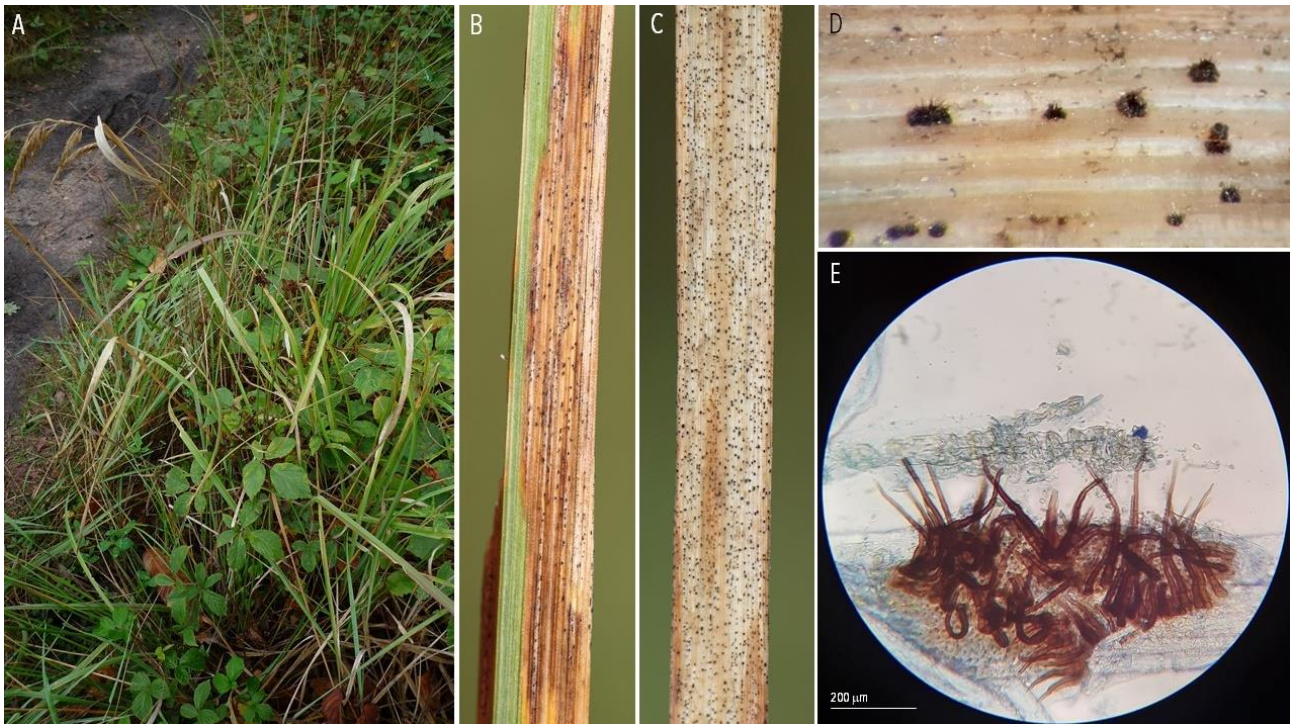
169 | OTHER FUNGAL LEAF DISEASES | *Marssonina rosae* ex *Rosa* sp. (rose)

A. Diseased leaf. B. Conidia. Les Clayes-sous-Bois, 2020-04-11.



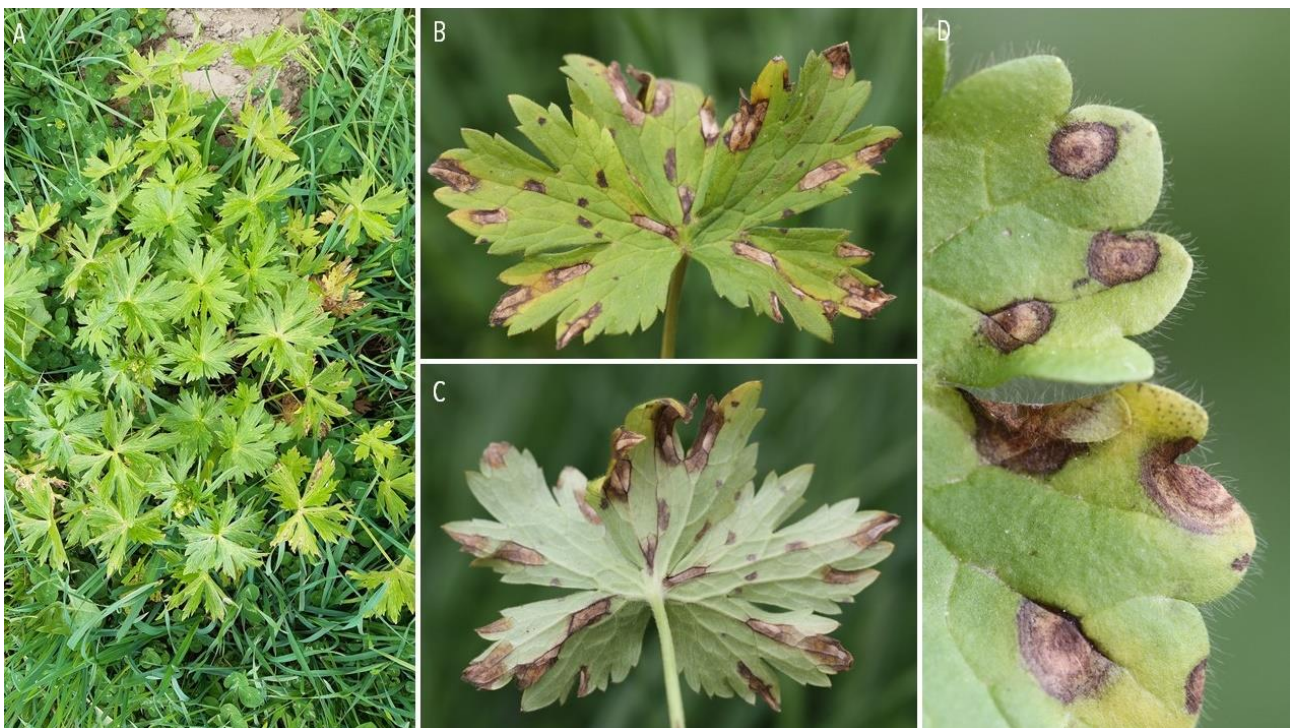
170 | OTHER FUNGAL LEAF DISEASES | *Pyrenophora* sp. (??) ex *Calamagrostis epigejos* (bushgrass)

A-C. Diseased plant. D-E. Ascomata (?). Les Clayes-sous-Bois, 2020-10-03.



171 | OTHER FUNGAL LEAF DISEASES | *Ramularia acris* ex *Ranunculus acris* (meadow buttercup)

A-D. Diseased Plant. Millau, 2021-04-11.



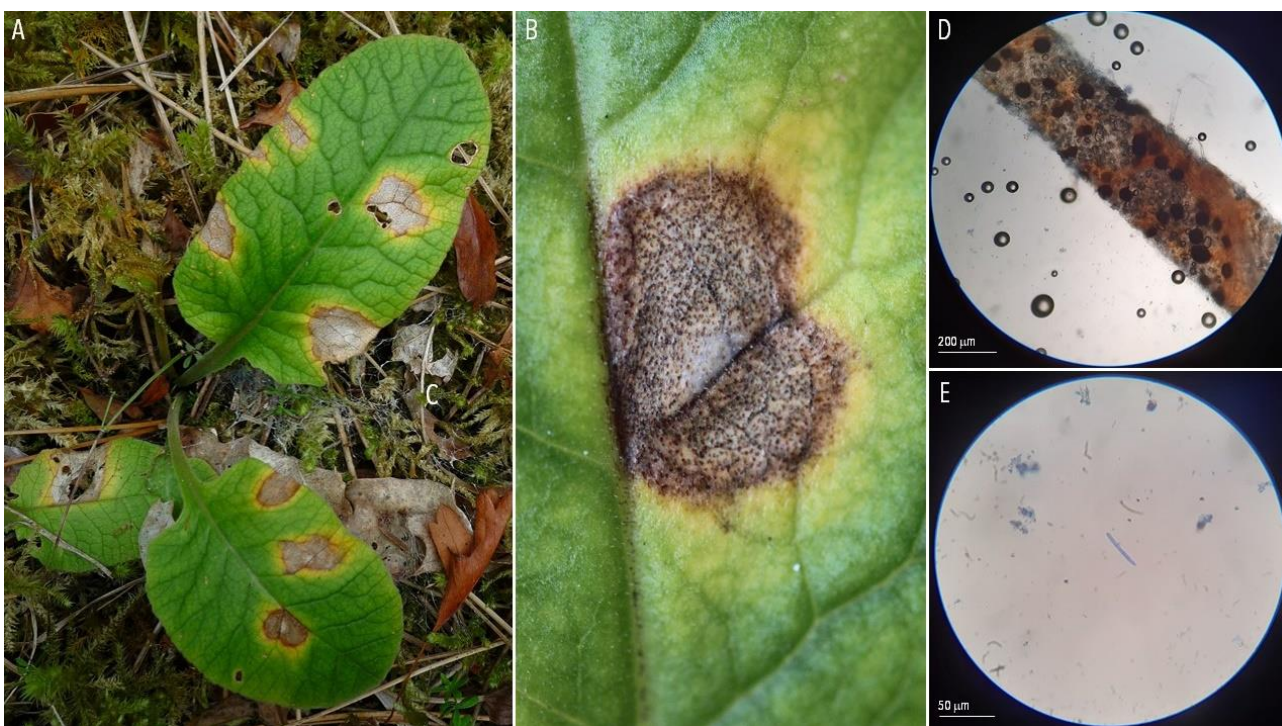
172 | OTHER FUNGAL LEAF DISEASES | *Ramularia ariex* *Arum maculata* (wild arum)

A-C. Diseased Plant. Millau, 2021-04-11.



173 | OTHER FUNGAL LEAF DISEASES | *Ramularia primulae* ex *Primula veris* (cowslip)

A-C. Diseased Plant. D. Conidia. Blannay, 2020-08-21 (Chevassut & Pellicier, 2001).



174 | OTHER FUNGAL LEAF DISEASES | *Ramularia rubella* ex *Rumex obtusifolius* (broad-leaved dock)

A-C. Diseased leaves. Les Clayes-sous-Bois, 2020-05-16.



175 | OTHER FUNGAL LEAF DISEASES | *Ramularia taraxaci* ex *Taraxacum officinale* (common dandelion)

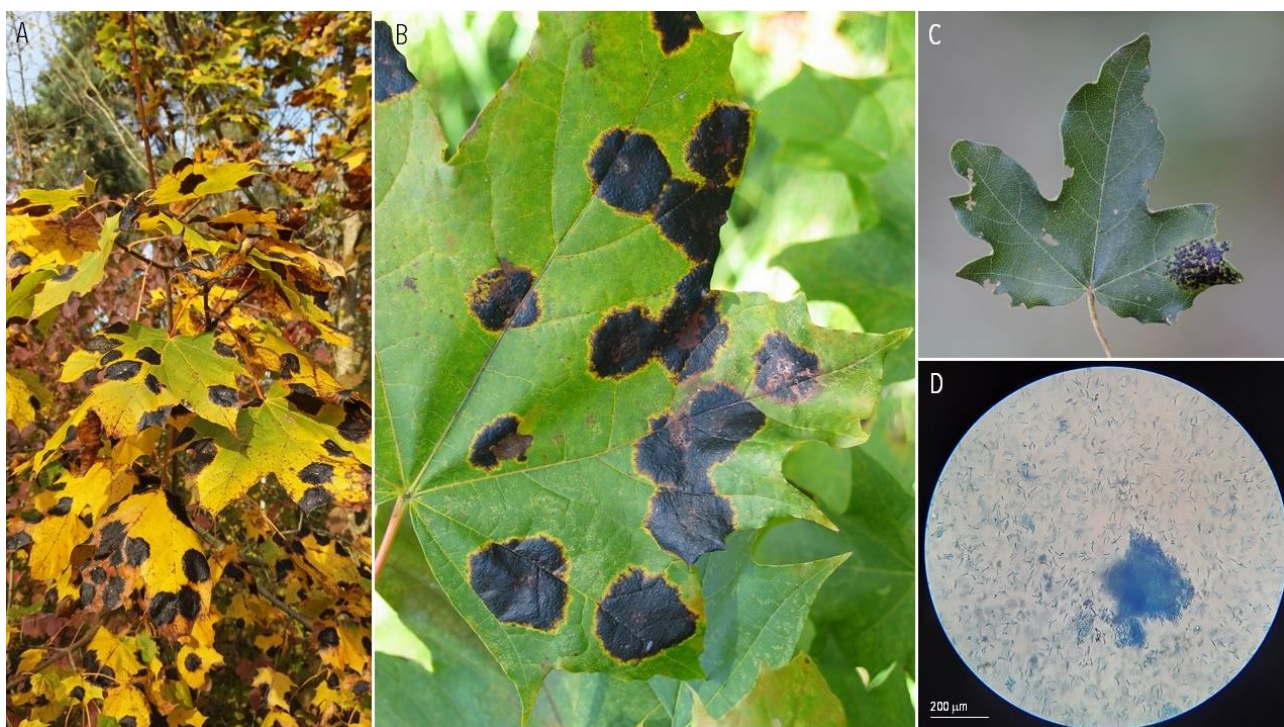
A-B. Diseased plant. Les Clayes-sous-Bois, 2020-05-16.



A-C. Diseased leaves. D. Conidia. Thiverval-Grignon, 2020-06-17.

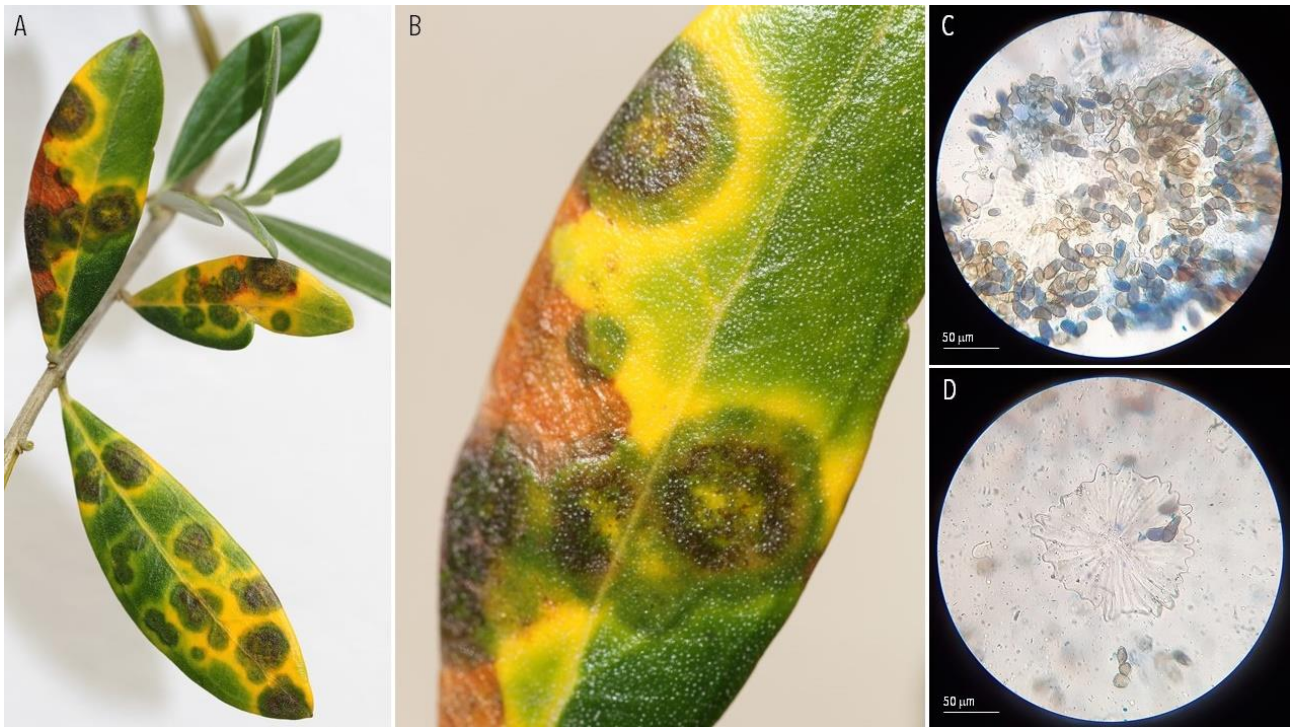


A-B. Diseased leaves (*Acer campestre*). C. Diseased leaf (*Acer monspessulanum*). D. Conidia. Thiverval-Grignon, 2020-10-03; Aguessac 2020-08-11.



178 | OTHER FUNGAL LEAF DISEASES | *Spilocaea oleaginea* ex *Olea europaea* (olive tree)

A-B. Diseased leaves. C-D. Conidia. Les Clayes-sous-Bois, 2020-05-26.



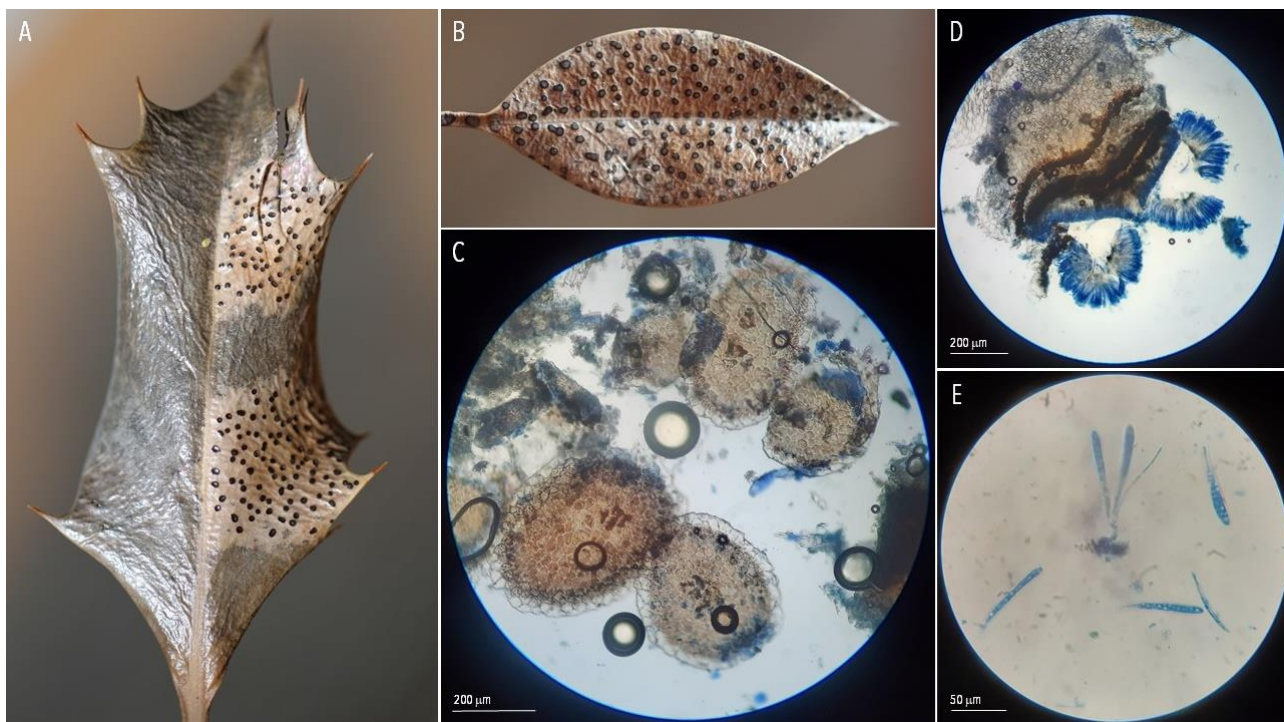
179 | OTHER FUNGAL LEAF DISEASES | *Spilopodia nervisequa* ex *Plantago lanceolata* (ribwort plantain)

A-C. Diseased plant. Les Clayes-sous-Bois, 2020-11-20.



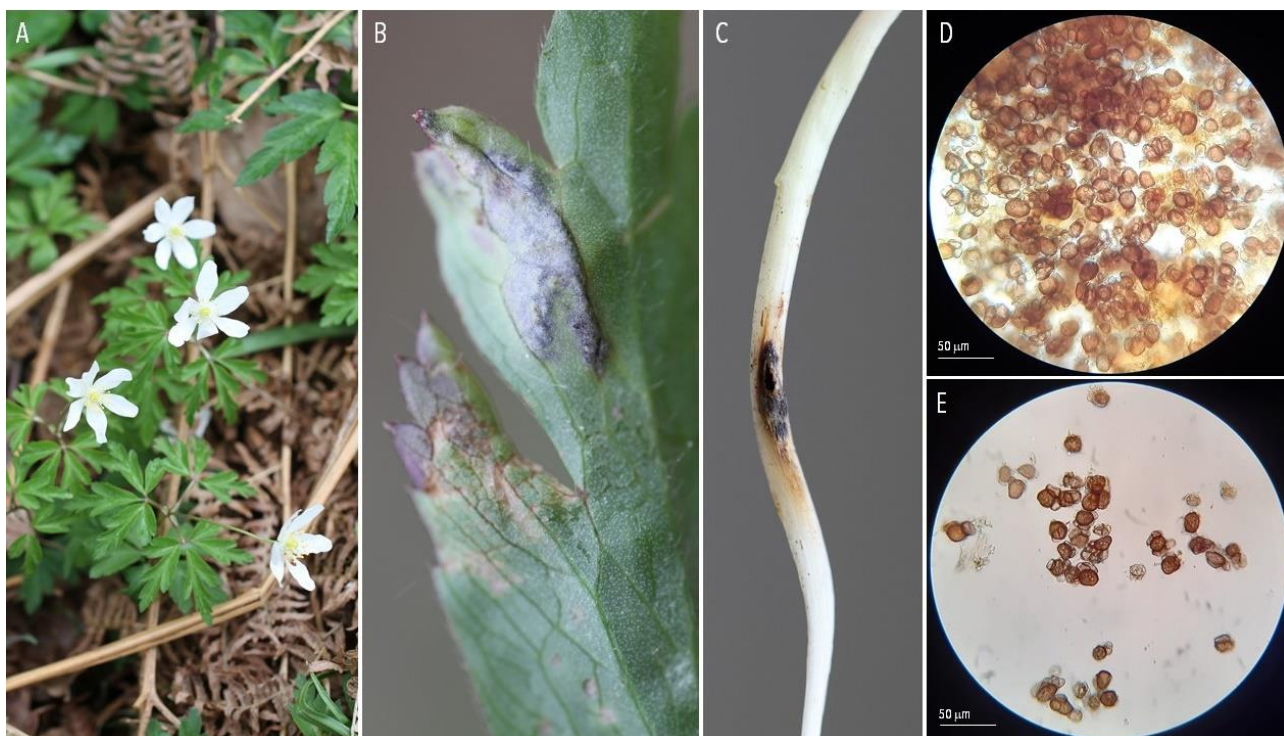
180 | OTHER FUNGAL LEAF DISEASES | *Trochila ilicina*(?) ex *Ilex aquifolium* (English holly)

A-B. Diseased leaves. C-D. Apothecia (?). E. Spores. Les Clayes-sous-Bois, 2020-07-05 (Zioto *et al.*, 2014).



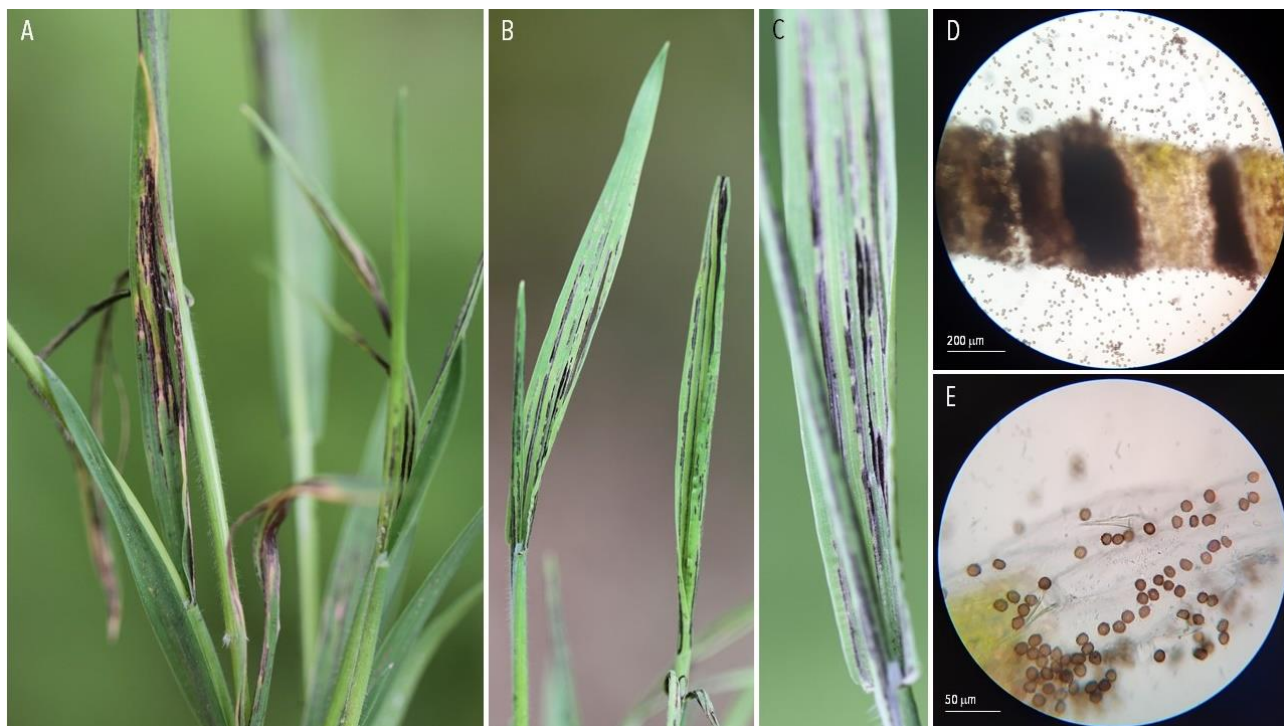
181 | OTHER FUNGAL NON-LEAF DISEASES | *Urocystis anemones* ex *Anemone nemorosa* (wood anemone)

A-C. Diseased plant. D-E. Spores. Saint-Léger en Yvelines, 2021-05-01.



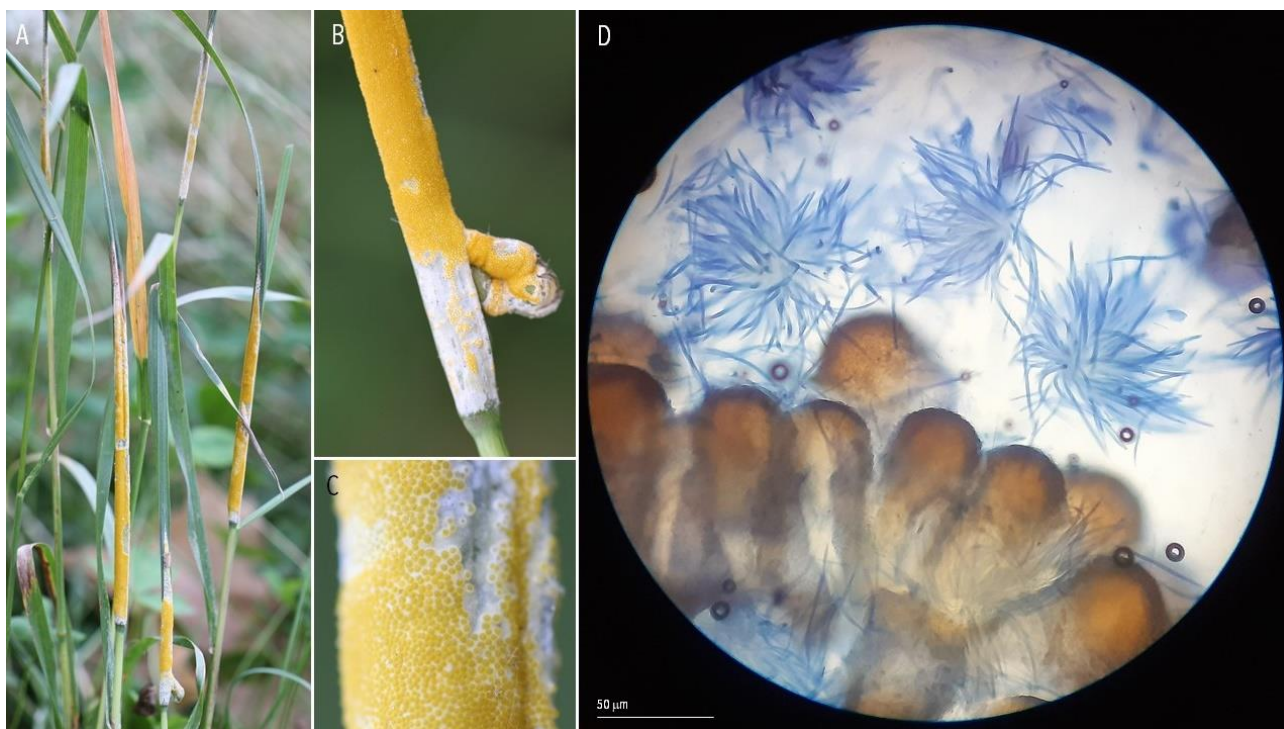
182 | OTHER FUNGAL NON-LEAF DISEASES | *Ustilago salweyi* ex *Holcus lanatus* (common velvet grass)

A-C. Diseased plant. D-E. Spores. Les Clayes-sous-Bois, 2021-05-16.

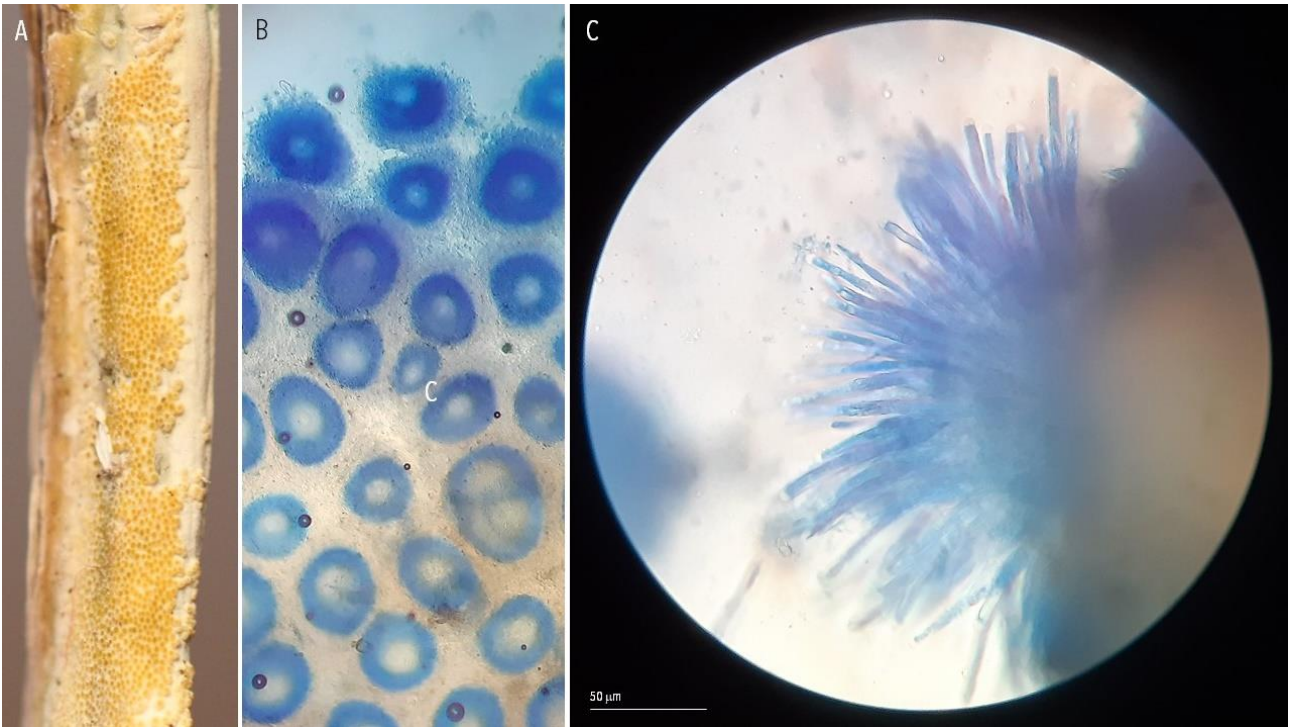


183 | OTHER FUNGAL NON-LEAF DISEASES | *Epichloë typhina* ex *Dactylis glomerata* (cock's-foot)

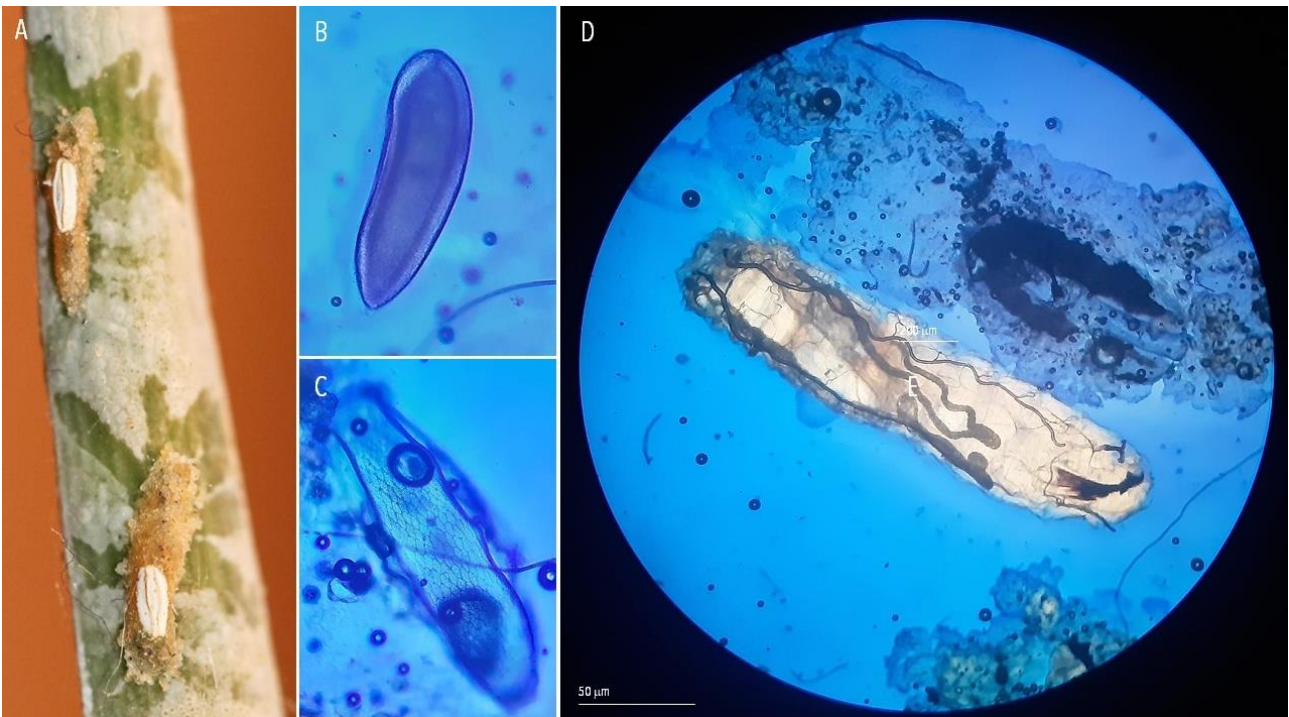
A. Diseased plant. B-C. Perithecium. D. Asci and ascospores. Les Bréviaires, 2020-05-31; Le Chesnay, 2020-06-14; Thiverval-Grignon, 2021-05-20 (Viennot-Bourgin, 1949; Bultman & Leuchtman, 2008; Górczyńska et al., 2010).



A-B. Perithecium. D. Asci. Les Bréviaires, 2020-05-31 (Viennot-Bourgin, 1949; Bultman & Leuchtman, 2008; Górzyska et al., 2010).



A. Brood chambers of *Botanophila* sp. B. Eggs. C-D. Larva. Les Bréviaires, 2020-05-31 (Viennot-Bourgin, 1949; Bultman & Leuchtman, 2008; Górzyska et al., 2010).



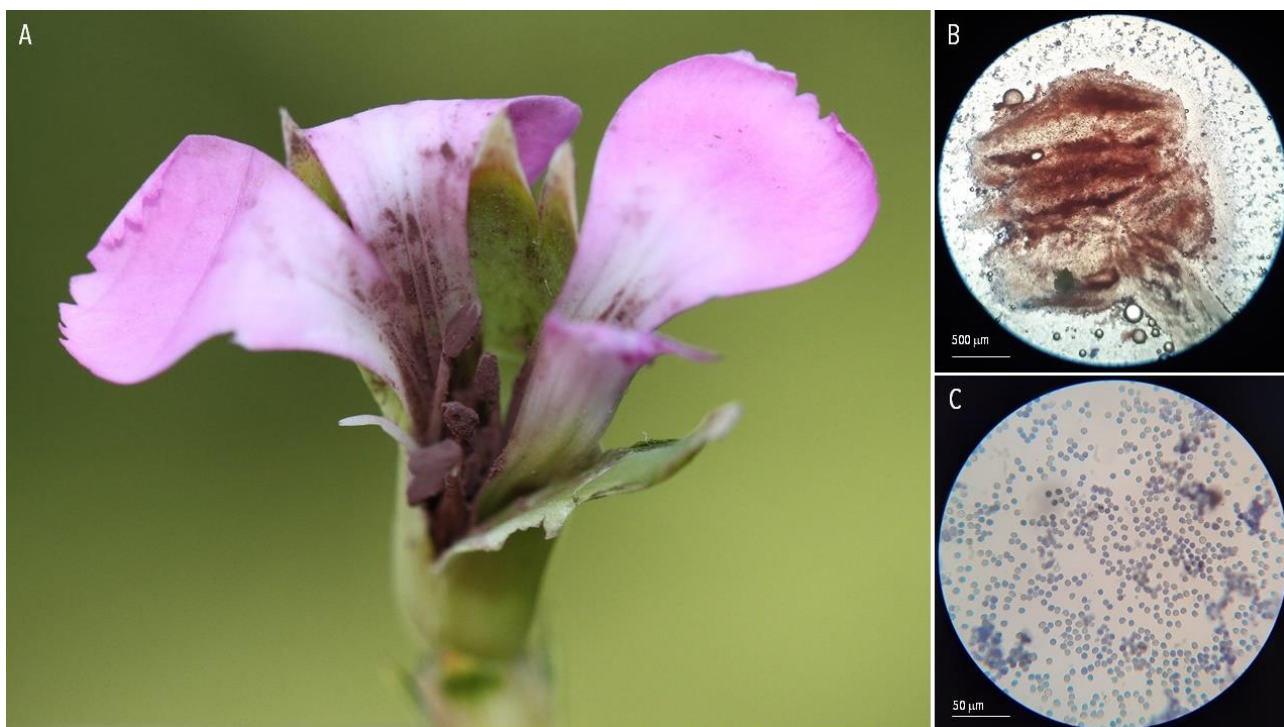
184 | OTHER FUNGAL NON-LEAF DISEASES | *Epichloë sylvatica* ex *Brachypodium pinnatum* subsp. *rupestre* (tor-grass)

A. Diseased plants. B-C. Perithecium with brood chamber of *Botanophila* sp. D. Asci. E. Ascospores. Rambouillet, 2021-06-20 (Komaki *et al.*, 2017).



185 | OTHER FUNGAL NON-LEAF DISEASES | *Microbotryum dianthorum* ex *Dianthus longicaulis*

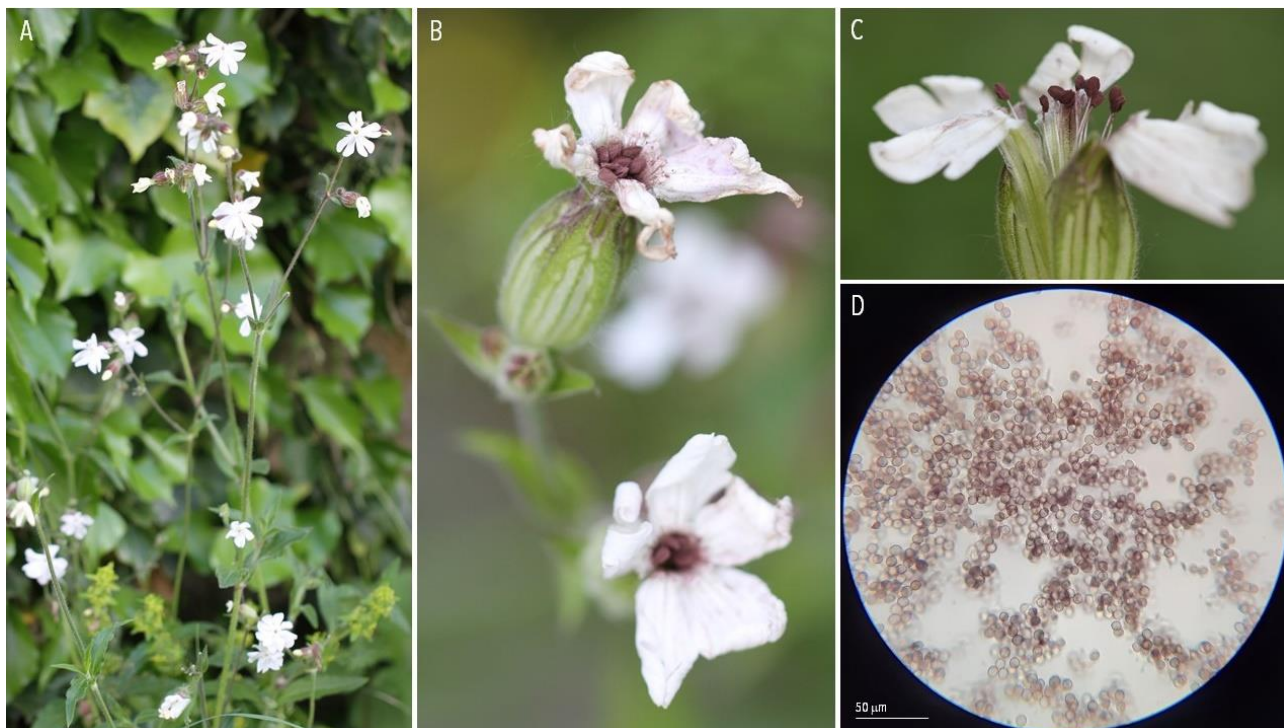
A-B. Diseased flower. C. Spores. L'Hospitalet-du-Larzac, 2020-07-20 (Coste, 1887).



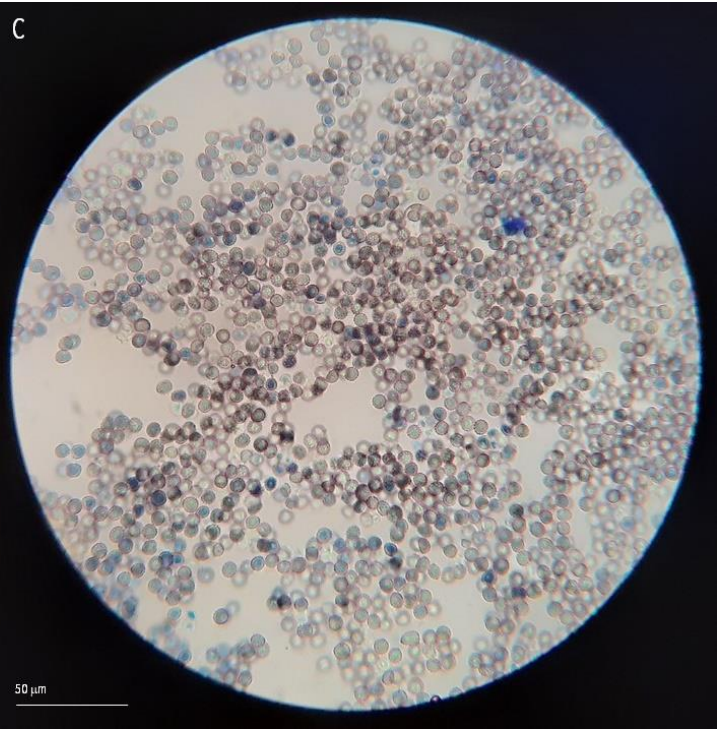
A-B. Diseased flower. C. Spores. Verdalle, 2020-08-10.



A-C. Diseased plant (*Silene latifolia*). D. Spores. Plaisir, 2021-06-13.

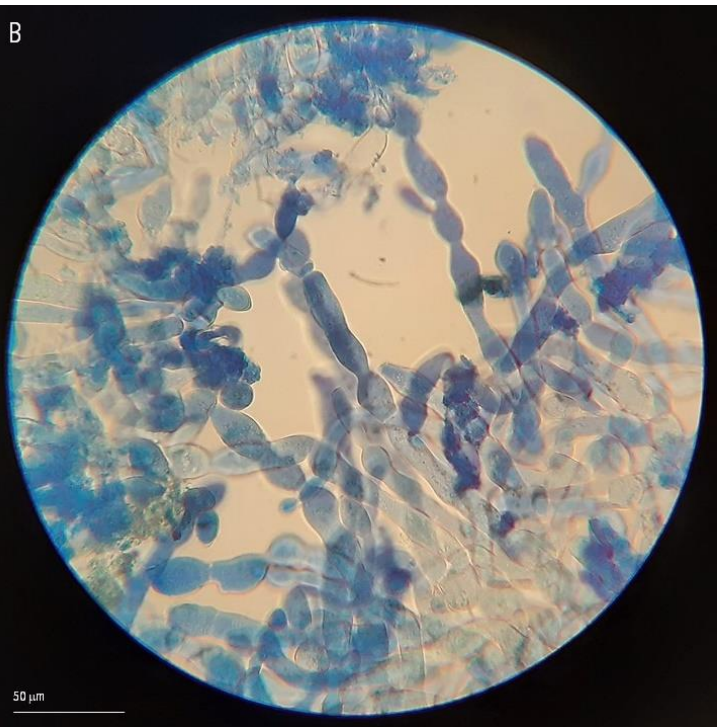


A-B. Diseased plant (*Silene noctiflora*?). D. Spores. Les Clayes-sous-Bois, 2020-07-21.



188 | OTHER FUNGAL NON-LEAF DISEASES | *Monilia fructigena* ex *Malus domestica* (apple tree)

A. Diseased fruit. B. Hyphae. Les Clayes-sous-Bois, 2020-07-22.



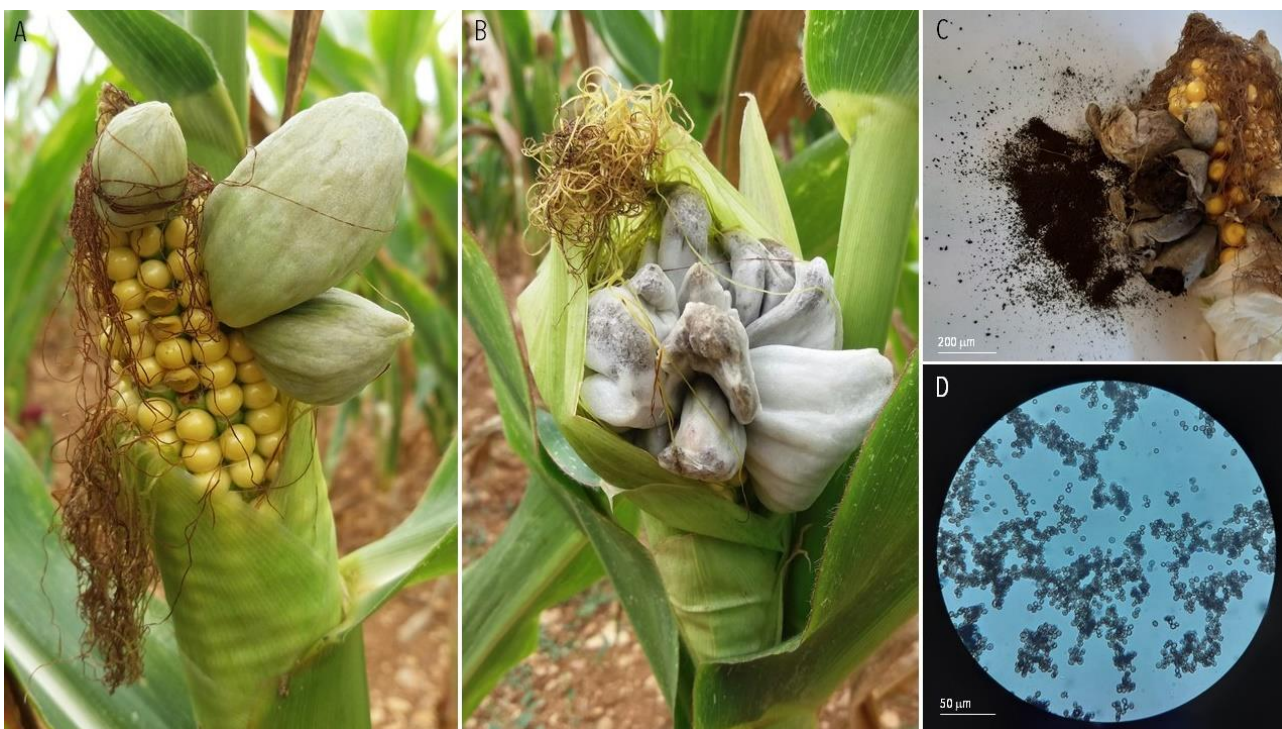
189 | OTHER FUNGAL NON-LEAF DISEASES | *Monilia laxa* ex *Prunus domestica* (plum)

A. Diseased plant. B. Diseased fruit. Millau, 2020-07-12.



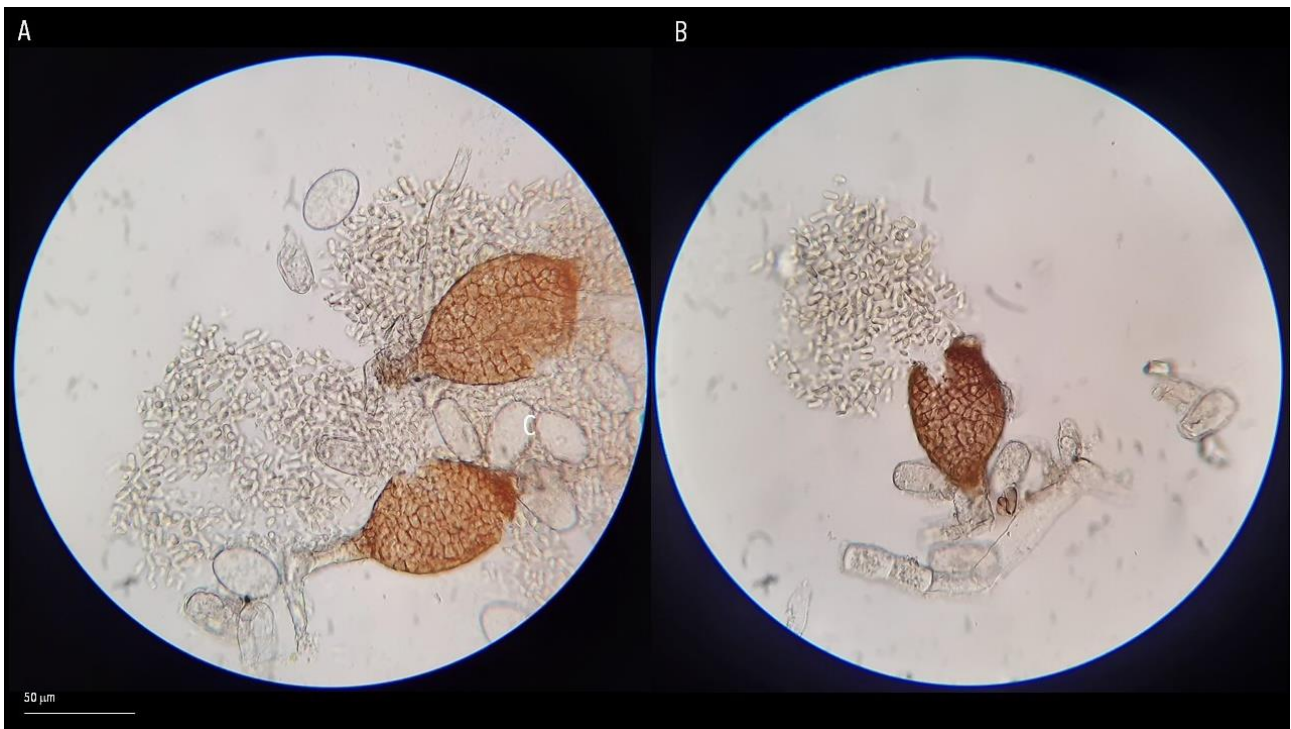
190 | OTHER FUNGAL NON-LEAF DISEASES | *Ustilago maydis* ex *Zea mays* (maize)

A-B. Diseased plant. C-D. Spores. Thiverval-Grignon, 2020-08-27; Sermizelles, 2020-08-20.



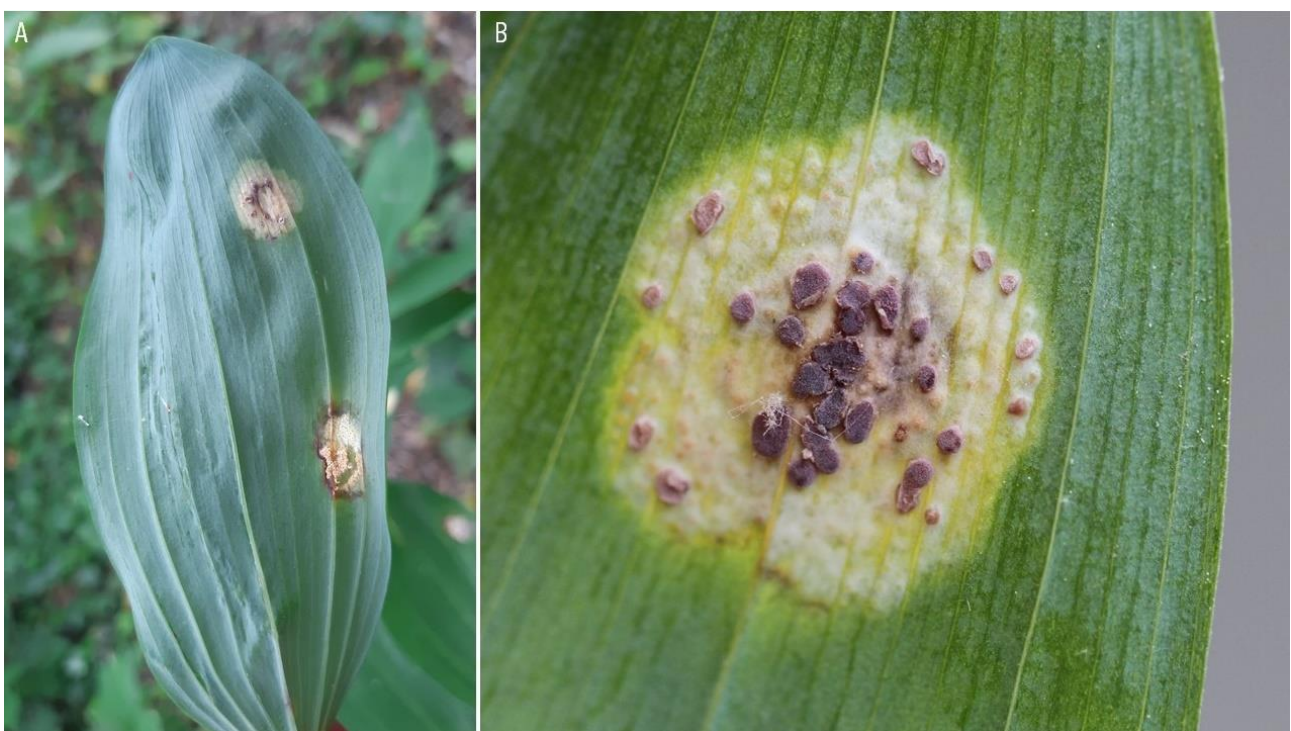
191 | HYPERPARASITE | *Ampelomyces quisqualis* (hyperparasite of *Golovinomyces cichoracearum*) ex *Urospermum dalechampii* (smooth golden fleece)

A-B. Pycnidia and conidia. Villeneuve-Tolosane, 2021-04-07.



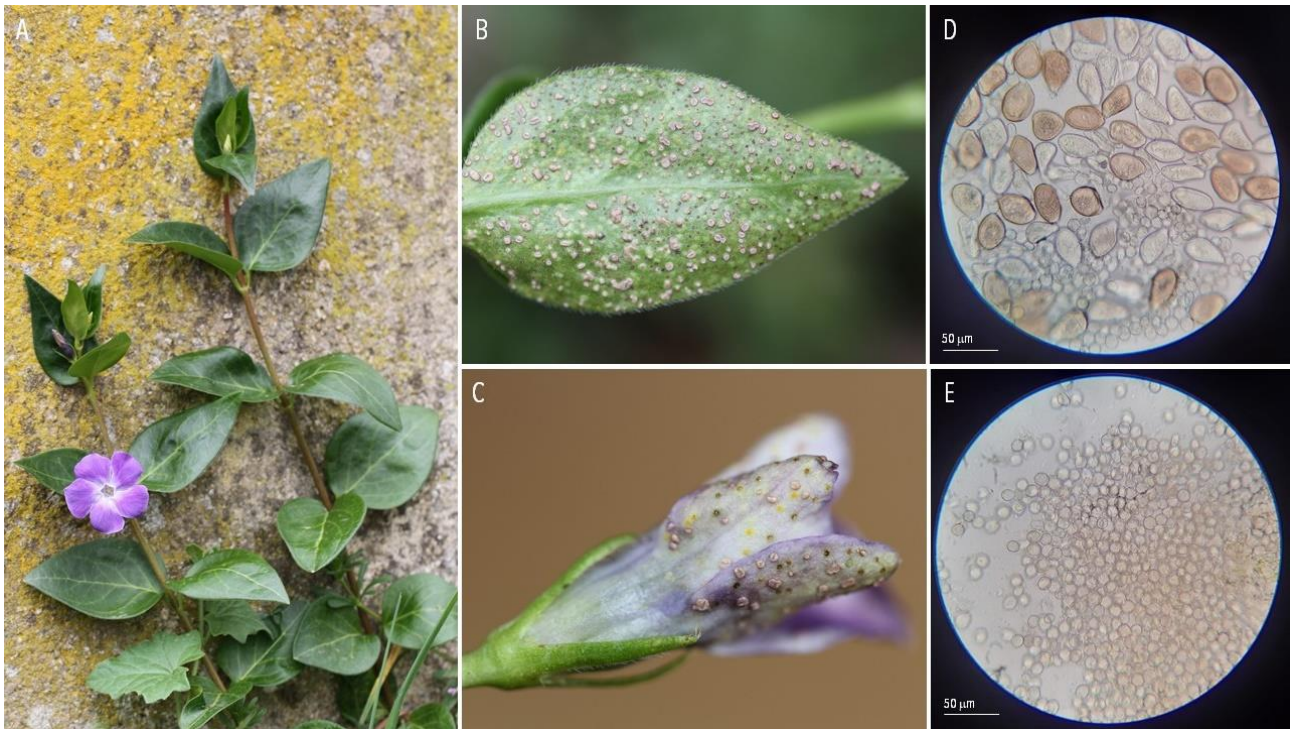
192 | HYPERPARASITE | *Tuberculina persicina* (hyperparasite of *Puccinia sessilis*) ex *Polygonatum multiflorum* (Solomon's seal)

A-B. Disease plant. Choisel, 2020-06-07.



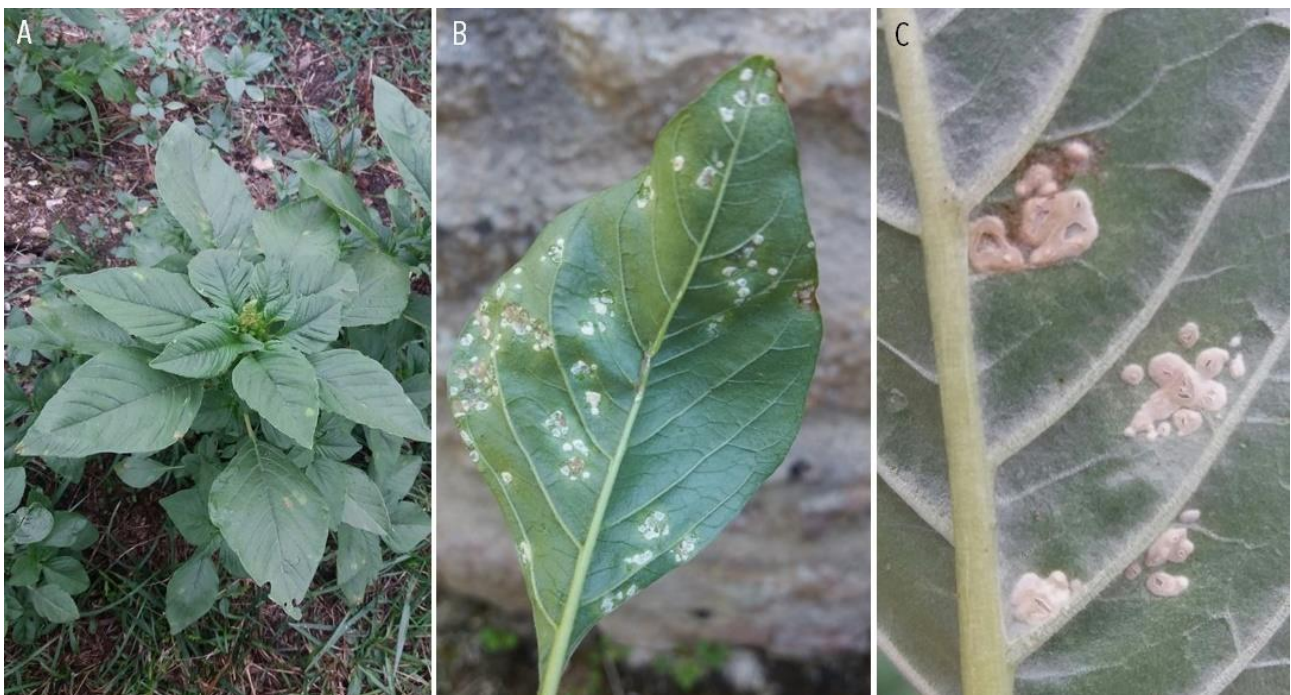
193 | HYPERPARASITE | *Tuberculina sbrozzii* (hyperparasite of *Puccinia vincae*) ex *Vinca major* (bigleaf periwinkle)

A-C. Disease plant. D-E. Uredinia of *Puccinia vincae* and conidia. Millau, 2021-04-11.



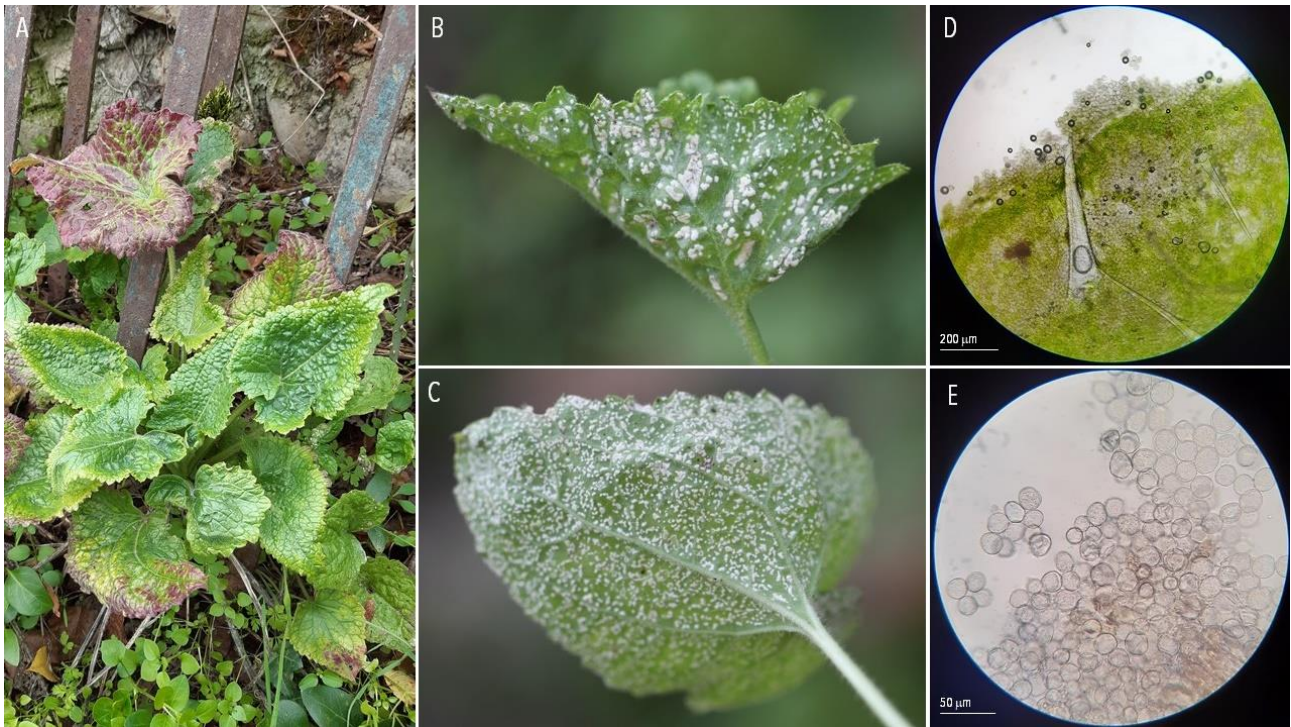
194 | NON-FUNGAL DISEASES | *Albugo bliti* ex *Amaranthus retroflexus* (redroot pigweed)

A-C. Diseased plant. Sermizelles, 2020-08-18.



195 | NON-FUNGAL DISEASES | *Albugo candida* ex *Lunaria annua* (honesty)

A-C. Diseased plant. D-E. Spores. Milllau, 2020-10-20.



196 | NON-FUNGAL DISEASES | *Bremia lapsanae* ex *Lapsana communis* (nipplewort)

A-C. Diseased plant. D. Spores. Les Clays-sous-Bois, 2021-06-13.

