LICHENS IN SOUTH-EAST SCOTLAND (LISS): Meeting 3: Tuesday 17 May 2022

List for: Schoolhouse Wood, mature broadleaved trees (Cort) NT213364

Flavoparmelia caperata: Fol, lobe <10, Y-Gn (dry), apple Gn (wet), ± corrugated; soralia coarse→cont.

List for: Hallmanor House wooden seat (Lig) NT20913507

Hypocenomyce scalaris: Scaly <1.5, Gy-Bn (dry), Bn-Gn (wet); tip sorediate; C+R. Apo Bk disc.

Lecanora pulicaris: Crust thin, W-Gy, disc R-Bn to Bk. Cort,Lig.

Melanohalea laciniatula?: Fol, Gn-Bn, lobe <3 few, centre with many folioles; apo none. Cort,Lig.

List for: Hallmanor Bridge deer gate (Lig) NT21003498

Fuscidea lightfootii: Crust of Gn coarse granules; apo Bk innate→sessile or convex. Cort,Lig.

Lecanora symmicta? Crust thin, pale Y-Gn or Y-Gy→darker; disc margins→excl. UV+ dull O. Lig,Cort.

Unknown crust: Gy, granular-areolate, rough; apo Bk innate, emarginate, rough, in lines or groups. Lig.

List for: Hallmanor Loch dam concrete (SaxC) and trees (Cort) NT20743498

Aspicilia contorta: Crust W, thick, scattered or cont areoles, apo innate, disc Bk or Gy pruinose. SaxC.

Caloplaca flavovirescens: Crust cont, <150, Gn-Y; apo many <1, disc flat→convex ,Bn-O, margin paler. SaxC.

Lecanora campestris: Crust W to Gy, apo <1.5 crowded, disc O wet, R-Bn to Bk dry. SaxC > SaxA.

Parmotrema perlatum: Fol, lobe <8 pearl Gy, smooth, raised, ± Bk cilia; blobby marginal soralia. Cort,SaxA.

Phlyctis argena: Crust W-Gy, soredia pale Gn→cont. K+Y→R. Cort.

Placynthium nigrum: Crust thin, Bk or Gn-Bn; p\t Bl-Bk; apo <1, glossy Bk, margin→excl. SaxC.

Verrucaria nigrescens: Crust smooth, finely cracked, Bn to dark Bn; perit Bk innate→protruding. SaxC.

List for: Hallmanor Old Wood greywacke dyke (SaxA) NT208349

Rhizocarpon reductum: Crust Bn-Gy <20 dia, neat; apo innate→sessile, disc Bk, margin paler. SaxA.

Baeomyces rufus: Scaly crust, pale Gn, ± sorediate; apo R-Bn, Pk (wet), stalk pale. SaxA,Ter, ±shady.

List for: Hallmanor Farm Cottage mortared greywacke dyke (SaxC, SaxA) NT205343

Caloplaca saxicola: Plac <20, O-Y, ± W pruinose; apo many, Bn-O, margin paler→excl. SaxC. K+Cr.

Candelariella vitellina: Crust ± thick, Y to Bn-Y; apo <1.5, Bn-Y to Bn→convex, margin Y→excl. K-. Ntol.

Lecanora muralis: Plac<100; Gn-Gy to Y-Gy; apo many, <2, disc Gy→Pk-Bn, margin→excl. SaxC,SaxA.Ntol.

Xanthoria elegans: Fol, lobe thick, <1, dark O; apo many <1.5, dark R-O→convex, margin pale. SaxC. Ntol.

Xanthoria ucrainica: Fol, lobe <1, Gn-Y to O-Y, clustered, erect, dorsiventral, ± blastidiate. K+Pr. SaxA. Ntol.

Present but not seen: Physcia caesia, Protoblastenia rupestris.

20 new species for LISS seen.

3a. Additional species: Schoolhouse Wood

Pertusaria pertusa, Lecanora chlarotera. Unidentified species on Beech bole.

3b. Additional species: Hallmanor House wooden seat

Evernia prunastri, Hypogymnia physodes, Hypogymnia tubulosa, Lecanora varia, Parmelia sulcata, Parmelia saxatilis, Pertusaria pertusa, Physcia sp, Pseudevernia furfuracea, Platismatia glauca, Usnea subfloridana. Peltigera hymenina on gravel drive.

3c. Additional species: Hallmanor Loch

Hypogymnia physodes, Hypogymnia tubulosa, Lecanora intricata, Ochrolechia parella, Physcia aipolia, Physcia tenella, Platismatia glauca, Pseudevernia furfuracea, Tuckermannopsis chlorophylla.

3d. Additional species: Hallmanor Farm Cottage

Acarospora fuscata, Lecanora campestris, Lecanora rupicola, Lecanora soralifera, Mycoblastus sanguinarius?, Phaeophyscia orbicularis, Physcia adscendens, Tephromela atra, Verrucaria nigrescens.

Abbreviations

Shr = shrubby (bushy), Fol = foliose, Frut = fruticose, Plac = Placodiod, Scaly = scaly or squamulose, Umb = foliose-umbilicate.

apo = apothecia, adpr = adpressed (appressed), cont = continuous, excl = excluded, occ = occasional(ly),

perit = perithecia, p/t = prothallus (prominent), tom = tomentose (felted).

Chemical tests: C- or K- = negative reaction. C+ or K+ and a colour = positive reaction.

Bn = brown, Bk = black, Bl = blue, Cr = crimson, Gn = green, Gy = grey, W = white, O = orange, Pk = pink,

Pr = purple, R = red, Y = yellow.

Colour combinations: Gn-Gy = greenish grey, etc.

± = usually present, more-or-less. → = gradually becoming (as thallus matures).

Sizes: Lobe sizes are width, apothecia are diameter. All dimensions are mm. < = up to…

Substrates: Cort = bark, Lig = sawn wood, Sax = rock, SaxA = acid rock, SaxC = mortar, concrete,

Ter = soil, humus, moss. Cort>Lig = bark more often than wood. etc., Ntol = tolerant of N pollution.

Para = when parasitised (often).