

LICHENS AND AIR POLLUTION

GROUP
1

TOLERANT TO
SEVERE ACIDIC POLLUTION



Hypogymnia physodes

- Soralia lip-shaped or irregular



Pertusaria amara

- Soralia white, rounded; bitter taste



Phlyctis argena

- Thallus crustose with paler prothallus

GROUP
2

TOLERANT TO
MODERATE ACIDIC POLLUTION



Evernia prunastri

- Thallus greenish above, white below



Ramalina farinacea

- Thallus greenish; soralia marginal, clearly limited

GROUP
3

TOLERANT TO
DUST AND ACIDIC POLLUTION



Phaeophyscia orbicularis

- Thallus flat, small, pale gray to pale brown



Physconia enteroxantha

- Thallus margins sorediate; lobes with white pruina

GROUP
4

TOLERANT TO DUST POLLUTION,
DO NOT TOLERATE ACIDIC POLLUTION



Anaptychia ciliaris

- Thallus large, much branched; lobes with cilia



Physconia distorta

- Thallus foliose, grey with white pruina

Melanohalea exasperatula

- Isidia flattened, spoon-shape



Xanthoria parietina

- Thallus foliose, yellow with numerus apothecia



Ramalina fraxinea

- Thallus greenish on both sides, apothecia frequent

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TOLERANT TO
SEVERE ACIDIC POLLUTION

Hypogymnia physodes

- EE Harilik hallsamblik
- LV Pūslīšu hipogimnija
- LT Putlusis plynkežis
- PL Pustułka pęcherzykowata
- DE Blasenflechte genannt
- DK Almindelig kvistlav
- SE Blåslav
- FI Sormipaisukarve
- RU Гипогимния вздутая
- GB Monk's-hood lichen

Pertusaria amara

- EE Kibe lumisamblik
- LV Rügtā pertuzārija
- LT Karčioji spogotē
- PL Otwornica gorzka
- DE Die Bittere Porenflechte
- DK Bitter Prikortelav
- SE Bitterlav Lepra amara
- FI Karvaslaikkajäkälä
- RU Пертузария горькая
- GB Bitter wart lichen

Phlyctis argena

- EE Harilik jahusamblik
- LV Sudrabainais pliktis
- LT Egliné spuogė
- PL Rozsypek srebrzysty
- DE Weiße Blattfarnflechte
- DK Almindelig Sølvlav
- SE Blemlav
- FI Haavanläiskäjäkälä
- RU Фликтис серебристый
- GB Whitewash lichen

GROUP
2

TOLERANT TO
MODERATE ACIDIC POLLUTION

Evernia prunastri

- EE Kollane lõhnasamblik
- LV Plūmju evernija
- LT Sodinė briedragė
- PL Mąkla tarniowa
- DE Eichenmoosflechte
- DK Almindelig Slænlav
- SE Slånlav
- FI Valkohankajäkälä
- RU Эверния сливовая
- GB Oak Moss

Ramalina farinacea

- EE Harilik rihmsamblik
- LV Vienādgaloņu ramalina
- LT Miltuotoji ramalina
- PL Odnożyca mączysta
- DE Mehlige Astflechte
- DK Melet Grenlav
- SE Mjölig brosklav
- FI Risarustojäkälä
- RU Рамалина мучнистая
- GB Dotted ramalina

Melanohalea exasperatula

- EE Nui-pruunsamblik
- LV Sarainā melanohaleja
- LT Apyšiurkštis juodkežis
- PL Przylepniczka szorstka
- DE Körnchenbraunflechte
- DK Kølle-Skållav
- SE Klubbsköldlav
- FI Nystyruskokarve
- RU Меланохейлия ероховатистая
- GB Lustrous camouflage lichen

GROUP
3

TOLERANT TO
DUST AND ACIDIC POLLUTION

Phaeophyscia orbicularis

- EE Hägu-tõmmusamblik
- LV Ripveida faeofiscija
- LT Apskritoji žiauberuotē
- PL Orzast kolisty
- DE Gemeine Schwielenflechte
- DK Grågrøn Rosetlav
- SE Kranslav
- FI Kehnäläakajäkälä
- RU Феофисция округлая
- GB Mealy shadow lichen

Physconia enteroxantha

- EE Kollane härmasamblik
- LV Dzeltenīgā fiskonija
- LT Geltonvidurē žiauberuotē
- PL Soreniec zółtawy
- DE Gelbmarkige Raureifflechte
- DK Grynet Dugrosetlav
- SE Guldkantad dagglav
- FI Pihlajanlaakajäkälä
- RU Фискония сердцевинно-жёлтая
- GB Yellow-edged frost lichen

Xanthoria parietina

- EE Harilik seinakorp
- LV Dzeltenais sienaskērpis
- LT Sieninė geltonkerpe
- PL Złotorost ścienny
- DE Gewöhnliche Gelbflechte
- DK Almindelig Væggelav
- SE Vägglav
- FI Haavankeltajäkälä
- RU Ксантория настенная
- GB Wall lichen

GROUP
4

TOLERANT TO DUST POLLUTION,
DO NOT TOLERATE ACIDIC POLLUTION

Anaptychia ciliaris

- EE Harilik ripssamblik
- LV Skropstainā artonija
- LT Paprastoji blakstienotē
- PL Obrostnica rześowata
- DE Wimpernflechte
- DK Allé-Frynselav
- SE Allélav
- FI Puistoripsijäkälä
- RU Анаптихия реснитчатая
- GB Great Ciliated lichen

Physconia distorta

- EE Harilik härmasamblik
- LV Sagrieztā fiskonija
- LT Miltinē žiauberūnē
- PL Soreniec opylony
- DE Physconia distorta
- DK Pudret Dugrosetlav
- SE Dagglav
- FI Härmäläakajäkälä
- RU Фискония закрученная
- GB Green powdery stellated lichen

Ramalina fraxinea

- EE Saare-rihmsamblik
- LV Ošu ramalina
- LT Uosinė ramalina
- PL Odnożyca jesionowa
- DE Eschenflechte
- DK Stor Grenlav
- SE Brosklav
- FI Isorustojäkälä
- RU Рамалина ясеневая
- GB Leafy ash lichen

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