

587. *Parmelia caperata*, b. *cylisphora*: *Ach. Syn.* p. 196. *Muhl. Cat.* (W.)
 588. *P. herbacea*: *Ach. Syn.* p. 198. *Lichen lætè virens*: *Eng. Bot.* t. 294. (W.)
 589. *P. olivacea*: *Ach. Syn.* p. 200. *L. olivaceus*. *Eng. Bot.* t. 2180. *Muhl. Cat.* (W. B.)
 590. *P. saxatilis*: *Ach. Syn.* p. 203. *Eng. Bot.* t. 603. *Muhl. Cat.* p. 105. (W. B.)
 591. *P. fahlunensis*: *Ach. Syn.* p. 204. *Eng. Bot.* t. 653. (B.)
 592. *P. stygia*: *Ach. Syn.* p. 205. *Lichen styglus*. *Eng. Bot.* t. 2048. (B.)
 593. *P. ambigua*: *Ach. Syn.* p. 208. (B.)
 594. *P. conspersa*: *Ach. Syn.* p. 209. *Muhl. Cat.* *Eng. Bot.* t. 2097. (W. B.)
 595. *P. muscigena*, β. *lenta*: *Ach. Syn.* p. 213. (B.)
 596. *P. pulverulenta*: *Ach. Syn.* p. 214. *Eng. Bot.* t. 2063. *Muhl. Cat.* (W.)
 597. *P. aipolia*: *Ach. Syn.* p. 215. *Muhl. Cat.* (W.)
 598. *P. stellaris*: *Ach. Syn.* p. 216. *Muhl. Cat.* (W.)
 599. *P. cyclozelis*: *Ach. Syn.* p. 216. (W. B.)
 600. *P. physodes*: *Ach. Syn.* p. 218. *Muhl. Cat.* (W. B.)
 γ. *platyphylla*: *Ach. Syn.* p. 218. *absque scutellis*. (B.)
 601. *Borrera ciliaris*: *Ach. Syn.* p. 221. *Muhl. Cat.* (W. B.)
 602. *B. tenella*: *Ach. Syn.* p. 221. (W.)
 603. *Cetraria juniperina*: *Ach. Syn.* p. 226. *Muhl. Cat.* p. 106. (B.)
 β. *Pinastri*: *Ach. Syn.* p. 226. (B. W.)
 604. *C. sepincola*: *Ach. Syn.* p. 226. (W. B.)
 605. *C. nivalis*: *Ach. Syn.* p. 228. (B.)
 606. *C. cucullata*: *Ach. Syn.* p. 228. (B.)
 607. *C. islandica*: *Ach. Syn.* p. 229. *Muhl. Cat.* p. 106. (B.)
 608. *C. Richardsonii*: (*Hooker, MS.*) thallo brunneo omnino libero: laciniis dichotomis linearibus, apotheciis marginalibus flavescenti-brunneis. (B.)

Thallus coriaceus prostratus, angustifolius, divaricato-bi-pinnatifidus aut dichotomè sinuato-bipartitus, supra convexus, rubescenti-brunneus nitidus, subtus canaliculatus opacus pallidior fere canescens, sed maculis magnis irregularibus ejusdem substantiæ colorisque ac pagina superior interspersus. *Laciniæ* omnes præter ultimas ejusdem latitudinis sunt et stellatim extrorsum expansæ: ultimæ angustiores plerumque divaricato-furcate sunt aut tantum emarginatæ. Margines thalli integerrimi aut parsiter granulato-dentati etiam in siccò revoluti, in humido ità connivent ut lacinias tubulosas reddunt; Exsiccatione iterum evolouuntur. *Apothecia* in margine thalli sparsa, in initio concava margine inflexo mox ampla sub-pedicellata flexuosa margineque irregulariter reflexo; supra laminà proligera flavescenti-brunnea, nitida, margine thallode eam non excedente sub-cincta subtus e pagina thalli superiora formata. Ambitus apotheciorum granulatus repandus aut etiam fissus semper valde irregularis et modo Cetrariarum sub-liberus. Thallus in siccò fragilis vix tamen rigidus, madefactus pallet totus et ejus apices interdum olivaceo-virides fiunt. Sunt quoque specimina quorum apices colorem viridem etiam in siccò conservent. In nuda terra latè pulvinatim expansus est sed nulla radice humo affixus. Rarius fructificat.

Hab. On the Barren Grounds generally in Rein-deer tracks. It was not found to the southward of Great Slave Lake.

 609. *Peltidea scutata*: *Ach. Syn.* p. 237. *Eng. Bot.* t. 1834. *Muhl. Cat.* (W.)
 610. *P. aphthosa*: *Ach. Syn.* p. 238. *Muhl. Cat.* (W. B.)