

529. *L. atro-virens*: *Ach. Syn.* p. 21. (W. B.)
 β *geographica*: *Ach. Syn.* p. 21. *Lichen geographicus*: *Eng. Bot.* t. 248. (B.)
530. *L. Oederi*: *Ach. Syn.* p. 22. *Lichen Oederi*: *Eng. Bot.* t. 117. (B.)
531. *L. uliginosa*: *Ach. Syn.* p. 25? *Eng. Bot.* t. 1466? (B.)
532. *L. rivulosa*: *Ach. Syn.* p. 28. *Eng. Bot.* t. 1737. (B.)
533. *L. abietina*: *Ach. Syn.* p. 30. (W.)
534. *L. vernalis*: *Ach. Syn.* p. 36. (W.)
535. *L. decolorans β, granulosa*: *Ach. Syn.* p. 38. *Eng. Bot.* t. 1125. (W.)
536. *L. luteola*: *Ach. Syn.* p. 41. *Lichen vernalis*: *Eng. Bot.* t. 845. (W.)
537. *L. fusco-lutea*: *Lichen fusco-luteus*: *Eng. Bot.* t. 1007. *Lecidea fusco-lutea*: *Ach. Syn.* p. 42? (B.)
538. *L. anthracina*: *Ach. Syn.* p. 43? (W.)
539. *L. icmadophila*: *Ach. Syn.* p. 45. *Muhl. Cat.* p. 105. (B. W.)
540. *L. Ehrhartiana, β polytropa*: *Ach. Syn.* p. 47. *Lichen polytropus*: *Eng. Bot.* t. 1264. (B.)
541. *L. lucida*: *Ach. Syn.* p. 48. *Lichen lucidus*: *Eng. Bot.* t. 1550. (B.)
 β theyotea: *Ach. Syn.* p. 48. On dead wood. (B.)
542. *L. luteo-alba*: *Ach. Syn.* p. 49. *Lichen luteo-albus*: *Eng. Bot.* t. 1426. (W.)
543. *L. Wahlenbergii*: *Ach. Syn.* p. 50. *Method. Lich.* t. 2. f. 2. (B.)
544. *L. candida*: *Ach. Syn.* p. 50. *Lichen candidus*: *Eng. Bot.* t. 1138. (B.)
545. *L. vesicularis*: *Ach. Syn.* p. 51. *Lichen cœruleo-nigricans*: *Eng. Bot.* t. 1139. (B.)
546. *L. decipiens*: *Ach. Syn.* p. 52. *Lichen decipiens*: *Eng. Bot.* t. 1501. (B.)
547. *Calicium tigillare*: *Ach. Syn.* p. 55. *Lecidea tigillaris*: *Wahl. Fl. Lapp.* p. 468. *Eng. Bot.* t. 1330. (W. B.)
548. *C. chlorellum, β trabinellum*: *Ach. Syn.* p. 60. *Lichen trabinellus*: *Eng. Bot.* t. 1540. (W. B.)
549. *C. debile*: *Eng. Bot.* t. 2462. (W.)
550. *C. claviculare*: *Ach. Syn.* p. 57. (W.)
551. *Gyrophora proboscidea, β arctica*: *Ach. Syn.* p. 65. Tab. xxx. fig. 4.
Thallus monophyllus, umbilicatus, orbicularis, tenuis, in ambitu plerumque lacerus; supra rugis umbilicem versus majoribus reticulatus, concavus vel convexus et nisi ex rupto margine planus, semper medio umbonem vel umbilicem ostendens; subtus pedicello brevissimo centrali saxo affixus, glaber, ambitum versus levissimè lacunosus, quandoque punctis depressis notatus et rarissimè fibrillis quibusdam instructus. *Thalli* color brunnescenti-niger et aliquando quasi pulvisculo suffuso fere cinereus; subtus sordidè flavescenti-brunneus interdum cinerascens: utrinque opacus. In aquâ totus pallet. *Apothecia* sessilia, orbicularia, rarius angulata, disco plano vel convexiusculo, plicis concentricis pulcherrimè notato et margine proprio elevato cincto.
 Expl. Iconis. a. Superf. supina. b. Superf. prona. mag. nat. c. Apothecium et portio thalli sub lente visi.
 Hab. On rocks on the Barren Grounds; more abundant towards the Arctic Sea than the following species.
552. *G. hyperborea*: *Ach. Nov. Act. Stockh.* xv. t. 2. f. 2. *Ach. Syn.* p. 66. Tab. xxx. fig. 3.