0|Thallus not filamentous, or filaments thicker| 40

40|Thallus foliose or fruticose| 1577

40|Thallus squamulose, crustose or leprose| 1808

1808|Ascocarps perithecioid, opening through a small apical pore| 2747

1808|Ascocarps apothecioid, or absent (sterile crusts)| 3332

3332|Ascocarps absent (sterile crust, identifiable mainly on the basis of chemical characters)| 4285

3332|Ascocarps present| 4898

4898 Ascospores 2-celled and polarilocular (the 2 cells united by a thin canal) | 5768

4898|Ascospores not polarilocular| 7815