

## Key to the European species of *Rhodocybe*

(Basis: M.E. Noordeloos in Flora Agaricina Neerlandica (1988))

(Additions: M.E. Noordeloos in Karstenia **34**, 43 (1994) (Section *Rhodophana*))

(Additional species: *Rh. ardosiacae*, *peculiaris*, *stangliana*, *tillii*)

1. Hymenial pseudocystidia present, very obvious, filled with yellowish, refringent strongly dextrinoid granules
  2. Fr.b. pleurotoid . . . . . **Rhodocybe spec. (ND99016)**
  2. Fr.b. centrally stipitate
    3. Cap concentrically cracking; smell and taste indistinct; sp. minutely nodulose-pustulate in outline . . . . . **Rh. caelata**
    3. Cap smooth to minutely felty; smell and taste rancid-farinaceous; sp. with conspicuous hemispherical nodules . . . . . **Rh. ardosiacae**
1. Hymenial pseudocystidia absent
  4. Clamps present
    5. Fr.b. tricholomatoid; stipe base with conspicuous, bulb-like mycelial mass . . . . . **Rh. stangliana**
    5. Fr.b. mycenoid to collybioid; base without bulb
      6. Sp.  $(4-4.5-7 \times 3-4(-4.5) \mu\text{m}$ ,  $\bar{Q} = 1.3-1.4$ ; cap and stipe rather pale yellow brown . . . . . **Rh. melleopallens**
      6. Sp. larger; cap and stipe darker
        7. Cap and stipe honey-coloured to orange or reddish brown
          8. Cap honey-coloured; sp.  $6.5-8.5(-9) \times (3.5-)4-5(-5.5) \mu\text{m}$ ,  $Q = 1.5-1.9$ ; sp. print greyish . . . . . **Rh. griseospora**
          8. Cap vividly orange to red or red-brown; sp.  $7-10 \times 5-5.5 \mu\text{m}$ ,  $\bar{Q} = 1.4-1.5$ ; sp. print pinkish brown . . . . . **Rh. nitellina**
        7. Cap and stipe dull coloured, brown, grey-brown or grey
          9. Cap pale, greyish to whitish; sp. subglobose,  $(4.5-)5-6(-6.5) \times (3.5-)4-4.5(-5) \mu\text{m}$  . . . . . **Rh. peculiaris**
          9. Cap darker; sp. ellipsoid, larger
            10. Cap and stipe dark grey or grey-brown; lam. with distinct grey tinge; sp.  $7-10 \times 4.5-6 \mu\text{m}$  . . . . . **Rh. hispanica**
            10. Cap and stipe dark brown; lam. sordidly pink when mature; sp.  $6-8 \times 4.5-5 \mu\text{m}$  . . . . . **Rh. fuscifarinea**
      4. Clamps absent
        11. Fr.b. pleurotoid . . . . . **Rh. tillii**
        11. Fr.b. centrally stipitate
          12. Cap white, occasionally tinged cream colour at centre when old . . . . . **Rh. fallax**
          12. Cap distinctly coloured
            13. Cap flesh-coloured or reddish; stipe white or concolorous with cap . . . . . **Rh. gemina**
            13. Cap grey to grey-brown

- 14. Sp.  $6-9 \times 4-6 \mu\text{m}$ , ellipsoid to subglobose in side view, hardly angular or pustulate; cheilocystidia present,  $30-50 \times 4-9 \mu\text{m}$ , usually septate . . . . . **Rh. hirneola**
- 14. Sp.  $4.5 - 7(-8) \mu\text{m}$  long, distinctly pustulate; cheilocystidia absent
- 15. Smell none, taste mild . . . . . **Rh. parilis**
- 15. Smell farinaceous, taste usually bitter . . . **Rh. popinalis**

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