

Key to the species

1. Ascospores triangular in face view, brown when mature. 84
1. Ascospores not triangular in face view. 2
2. Ascospores cylindrical, with attenuated ends, $9-11 \times 2.5-3 \mu\text{m}$ *Ch. fusum*
2. Ascospores not cylindrical, but broader. 3
3. Asci 2- to 5-spored; ascospores umbonate at the ends, bilaterally flattened, $11-15 \times 7-9 \times 5-6 \mu\text{m}$; ascomata spherical, hairy. *Ch. tetrasporum*
3. Asci 8-spored. 4
4. Ascospores oblate or hemispherical, $6-7.5 \times 4-5 \mu\text{m}$; ascomata small, covered with long and undulate hairs. *Ch. oblatum*
4. Ascospores not oblate or larger. 5
5. Asci clavate, obovate or fusiform. 6
5. Asci narrow cylindrical, ascospores uniseriate. 78
6. Ascospores spherical or nearly so, with often 2 germ pores. 7
6. Ascospores not spherical or biapiculate and with a single germ pore. 9
7. Ascospores spherical, $10-12 \mu\text{m}$ *Ch. globosporum*
7. Ascospores larger and often irregular. 8
8. Ascospores $12-15 \times 10-13 \mu\text{m}$, homothallic. *Ch. megalocarpum*
8. Ascospores $15-22 \times 11-16 \mu\text{m}$, heterothallic. *Ch. nozdrenkoe*
9. Ascospores with a single germ pore (occasionally with a paler spot at the end, opposite to that with the germ pore). 10
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10. Germ pore of the ascospores apical. 11
10. Germ pore of the ascospores subapical or lateral. 55
11. Ascospores biconical, with umbonate ends, bilaterally flattened, $9-11 \times 5-8 \mu\text{m}$; ascomatal wall pale, with textura epidermoidea in surface view. *Ch. umbonatum*
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12. Ascospores limoniform or irregular, usually biapiculate, bilaterally flattened, $9-14 \times 7-12 \mu\text{m}$; ascomata rather large, with a wall of textura intricata in surface view. 13
12. Above characters not combined. 18
13. Ascomata with a fleshy, nearly unpigmented wall, ascospores pink or pale brown. *Ch. cruentum*
13. Ascomata with a pigmented wall, ascospores brown when mature. 14
14. Ascospores rather irregular, often with a lateral bulge. 15
14. Ascospores regular, limoniform, without lateral bulge. 16
15. Ascomata maturing within 9 days, olivaceous in reflected light; ascospores with a lateral bulge. *Ch. madrasense*
15. Ascomata maturing within 20 days, yellow in reflected light; ascospores irregular. *Ch. citrinum*
16. Homothallic, phialoconidia absent, ascomatal hairs unbranched, flexuous, undulate or coiled. *Ch. globosum* (and its relatives)
16. Homothallic or heterothallic, phialoconidia present or absent, ascomatal hairs branched or flexuous when unbranched. 17
17. Ascomatal hairs branched. *Ch. elatum*
17. Ascomatal hairs unbranched, flexuous. *Ch. subaffine* (and *Ch. angustispirale*)
18. Ascospores $7-11 \times 5-9 \mu\text{m}$, limoniform, bilaterally flattened, umbonate or apiculate at the ends, brown when mature; ascomata often ampulliform or pyriform and with a conical or cylindrical ostium; ascomatal wall composed of angular cells; chlamydospores often present. 19
18. Above characters not combined. 25
19. Ascomata with a long beak composed of fused setae. 20
19. Ascomata without such a beak. 21
20. Ascomata including beak 1.5-3 mm high. *Ch. longicolleum*
20. Ascomata including beak 0.4-1 mm high. *Ch. malaysensis*
21. Ascomata small, without apical setae or hairs; ascospores $9-11 \times 7-9 \mu\text{m}$ *Ch. seminudum*

21. Ascomata with apical setae or hairs, ascospores smaller.	22
22. Ascomata ampulliform, 100-170 μm ; ascomatal hairs seta-like or flexuous, occasionally circinate at the apex; ascospores 7-8.5 \times 6-7.5 μm	<i>Ch. homopilatum</i>
22. Ascomata larger, ascomatal hairs often coiled or branched.	23
23. Ascospores 6-7 \times 4-6 μm	<i>Ch. subspirale</i>
23. Ascospores 7.5-10 \times 6-8 μm	24
24. Ascomata ampulliform.	<i>Ch. ampullare</i>
24. Ascomata spherical or ovate.	<i>Ch. sphaerale</i>
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32. Ascospores ovate, 5-8 \times 4-6 μm , brown when mature, thick-walled; ascomatal hairs seta-like or/and dichotomously branched.	33
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34. Ascomatal hairs at least partly dichotomously branched.	35
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35. All or nearly all ascomatal hairs branched.	<i>Ch. indicum</i> (and its relatives)
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43. Ascomata 140-350 μm in diameter.	45

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