

## KEY TO NEOTROPICAL SPECIES OF *CALOCYBE*

Complete descriptions can be found in the literature cited in the key couplets.

1. Basidiomata uniformly white or ivory, spores globose, 5-6.5  $\mu\text{m}$  in diam. (Pegler, 1983)  
..... ***C. eborina*** Pegler
1. Basidiomata with red, violet, lilac, yellow, or bluish gray colors, if pallid then disc of  
pileus grayish brown .....2
  2. Basidiomata uniformly purplish red with disc of pileus darker, lamellae dark  
reddish-fuscous when dried, crowded, spores short ellipsoid, 3-5 x 2-4  $\mu\text{m}$ ,  
cheilocystidia hyaline, cylindric, septate (Singer, 1948)  
..... ***C. rubra*** Rick in Singer ex Redhead & Singer
  2. Basidiomata not with reddish colors .....3
3. Pileus with brown, reddish brown or yellowish brown colors, lamellae ochraceous or  
yellow .....4
3. Pileus deep violaceous, lilac, bluish gray or pale cream with a grayish brown disc,  
lamellae may or may not be yellowish .....5
  4. Pileus convex-papillate, dark reddish brown, glabrous or slightly punctate,  
approx. 7 mm broad; lamellae ochraceous, adnexed, narrow, crowded; stipe  
ochraceous; cheilocystidia cylindric or fusoid (Singer, 1977)  
..... ***C. bipigmentata*** Singer
  4. Pileus convex-depressed, light fulvous with a pale grayish brown disc, approx.  
10 mm broad; lamellae yellow, rather broad, close; stipe fuscous or fuscous  
yellow; cheilocystidia absent (Singer, 1977) ..... ***C. alneti*** Singer
5. Pileus pale cream with a grayish brown disc, convex-papillate; lamellae white,  
adnexed; stipe pale sordid (Singer, 1977)..... ***C. coniceps*** Singer
5. Pileus violaceous, lilac or bluish gray .....6
  6. Pileus bluish gray with a fuliginous disc, convex with prominent papilla, 13-18  
mm broad; lamellae white, subdecurrent; stipe fuliginous (Singer, 1977)  
..... ***C. atropapillata*** Singer
  6. Pileus violaceous or lilac, greater than 20 mm .....7
8. Lamellae with violaceous or lilac hues (Pegler, 1983) .... ***C. cyanocephala*** (Pat.) Pegler
8. Lamellae yellow or white .....9
  9. Lamellae white, stipe bluish; pileipellis a cutis (Singer, 1948)  
..... ***C. cyanella*** Singer ex Redhead & Singer
  9. Lamellae yellow, stipe yellow with violet fibrils; pileipellis hymeniform  
..... ***C. cyanea*** Singer ex Redhead & Singer