

purpureus, cæspitosus, pusillus; pileo e convexo plano glabrato; stipite gracili; lamellis crassis adnatis.

Shady hill-sides, Bonin Islands. — Allied to *A. onychinus*.

6. *A. (COLLYBIA) TALPINUS*, Berk. & Curt.: flavidus; pileo tenui stipiteque basi strigoso-radiato subtiliter velutinis; lamellis angustissimis adnatis.

On decayed wood, Bonin Islands. — Allied to *A. velutipes*.

7. *A. (COLLYBIA) PALMICOLA*, Berk. & Curt.: pusillus; pileo convexo glabro aurantiaco margine inflexo; stipite subconcolore glabro basi radiato-strigoso; lamellis adnatis crassiusculis pallidioribus.

On dead Palms, &c., Bonin Islands.

8. *A. (COLLYBIA) EFFLORESCENS*, Berk. & Curt.: flavidus; pileo planiusculo stipiteque sursum dilatato subtiliter pulverulento-velutinis; lamellis liberis modice latis venoso-connexis.

On decayed wood, Bonin Islands. — Allied to *A. velutipes*, but far less velvety. We believe it is *Marasmius rufus* of Montagne.

9. *A. (COLLYBIA) POIGENUS*, Berk. & Curt.: fuscus; pileo hemisphærico striato glabro; stipite insititio deorsum velutino; lamellis adnatis subdistantibus.

On dead grass, Hong Kong. — Has the habit of *A. stipitarius*.

10. *A. (COLLYBIA) ADIANTICEPS*, Berk. & Curt.: flavidus; pileo demum depresso striato, margine crenato appendiculato; stipite cartilagineo æquali; lamellis angustis adnatis.

Hill-sides, Hakodadi, Japan. — The pileus of this pretty species looks very much like the frond of an *Adiantum*, from its long striæ, and crenate, appendiculate margin.

11. *A. (MYCENA) CALIFORNIENSIS*, Berk. & Curt.: pileo ex conico breviter campanulato stipiteque gracili rufis; lamellis liberis albis rubro-marginatis.

On Oak leaves, Mare Island, California. — Differs from *A. aurantio-marginatus* in the nature of the gills, and is a more graceful species.

12. *A. (MYCENA) ALPHITOPHYLLUS*, Berk. & Curt.: pileo leviter depresso molli succulento viscoso albo; stipite brevi rufescente; lamellis latiusculis distantibus adnexi-decurrentibus pulverulentis; sporis magnis globosis.

On decayed logs, Bonin Islands. — This may perhaps be the type of a distinct genus. The spores are very peculiar, as also the manner in which the gills separate below, reminding one of *Paxillus*.