

This species is closely related to some species of *Collybia*. The eccentric position of the stipe was doubtless due to the peculiar situation in which the plant grew.

Melanoleuca dryophila sp. nov.

Pileus convex, gibbous, becoming almost expanded, scattered, 3–10 cm. broad; surface glabrous, viscid when fresh, subshining, nearly smooth, whitish, stained with rusty-brown, margin paler, somewhat lobed or irregular; context white, with farinaceous taste and odor; lamellae deeply sinuate to adnexed, close, narrow, plane, white, scarcely changing on drying; spores globose, smooth, hyaline, 5–8 μ ; stipe cylindrical or slightly flattened, scarcely enlarged below, glabrous, nearly smooth, whitish or brownish, solid, 6–8 cm. long, 1–3 cm. thick.

Type collected in soil under live oaks at Stanford University, California, January 21, 1903, *James McMurphy 27*. This species somewhat resembles *M. subpessundata*, but differs in several important characters.

Melanoleuca farinacea sp. nov.

Pileus rather thin but fleshy, convex to expanded, umbonate, gregarious to subcespitate, reaching 8 cm. broad; surface white, smooth, glabrous, margin entire, concolorous; context white, with strong farinaceous odor; lamellae sinuate, broad, several times inserted, not crowded, ventricose, white; spores globose, smooth, hyaline, 4.5–6.5 μ ; stipe bulbous and whitish-mycelioid at the base, white, subglabrous, smooth, stuffed or hollow, fleshy, 5–6 cm. long, 5–10 mm. thick.

Type collected in humus in woods near Seattle, Washington, October 20–November 1, 1911, *W. A. Murrill 644*.

Melanoleuca Harperi sp. nov.

Pileus broad, rather thin, becoming plane or depressed, gregarious or growing in circles, reaching 10–15 cm. broad; surface umbrinous, hygrophanous, not viscid, smooth, glabrous, margin entire or slightly lobed, concolorous; lamellae sinuate, white, not spotted, crowded, rather broad, ventricose, usually separating from the stipe with age; spores broadly ellipsoid, smooth, hyaline, 7–8 \times 4 μ ; stipe very short and thick, bulbous, solid, smooth, glabrous, white, about 3–4 cm. long, and 2–3.5 cm. thick.

Type collected among humus under a log in woods near Seattle, Washington, October 20–November 1, 1911, *W. A. Murrill 567*. This species has a slight, rosy, fibrillose veil in young stages.

Melanoleuca tenuipes sp. nov.

Pileus small, thin, convex, not expanding, becoming very slightly depressed at the center, 2 cm. broad; surface pallid, with a stramineous or avellaneous tint, smooth, glabrous, margin entire, concolorous, incurved; lamellae sinuate-attached, distant, broad, several times inserted, white, more or less notched on the edge; spores ellipsoid, smooth, hyaline, $5-7 \times 3.5-4.5 \mu$; stipe slender, equal, solid, concolorous, white at the apex, smooth, dry, glabrous, 4 cm. long, 2 mm. thick.

Type collected on the ground in woods near Seattle, Washington, October 20–November 1, 1911, *W. A. Murrill 536*. Also collected in the same locality, *W. A. Murrill 301*.

NEW COMBINATIONS

MELANOLEUCA ANOMALA	= <i>Tricholoma anomalum</i>
MELANOLEUCA ARENICOLA	= <i>Tricholoma arenicola</i>
MELANOLEUCA AVELLANEA	= <i>Tricholoma avellaneum</i>
MELANOLEUCA AVELLANEIFOLIA	= <i>Tricholoma avellaneifolium</i>
MELANOLEUCA BICOLOR	= <i>Tricholoma bicolor</i>
MELANOLEUCA CALIFORNICA	= <i>Tricholoma californicum</i>
MELANOLEUCA COLLYBIIFORMIS	= <i>Tricholoma collybiiforme</i>
MELANOLEUCA DRYOPHILA	= <i>Tricholoma dryophilum</i>
MELANOLEUCA FARINACEA	= <i>Tricholoma farinaceum</i>
MELANOLEUCA HARPERI	= <i>Tricholoma Harperi</i>
MELANOLEUCA NUCIOLENS	= <i>Tricholoma nuciolens</i>
MELANOLEUCA OLESONII	= <i>Tricholoma Olesonii</i>
MELANOLEUCA OREADES	= <i>Tricholoma oreades</i>
MELANOLEUCA PINICOLA	= <i>Tricholoma pinicola</i>
MELANOLEUCA PLATYPHYLLA	= <i>Tricholoma platyphyllum</i>
MELANOLEUCA PORTOLENSIS	= <i>Tricholoma portolense</i>
MELANOLEUCA RUDERICOLA	= <i>Tricholoma rudericola</i>
MELANOLEUCA ROSEIBRUNNEA	= <i>Tricholoma roseibrunneum</i>
MELANOLEUCA SECEDIFOLIA	= <i>Tricholoma secedifolium</i>
MELANOLEUCA STRIATELLA	= <i>Tricholoma striatellum</i>
MELANOLEUCA SUBLURIDA	= <i>Tricholoma sublurida</i>
MELANOLEUCA SUBMULTICEPS	= <i>Tricholoma submulticeps</i>
MELANOLEUCA SUBPESUNDATA	= <i>Tricholoma subpessundatum</i>
MELANOLEUCA SUBVELATA	= <i>Tricholoma subvelatum</i>
MELANOLEUCA TENUIPES	= <i>Tricholoma tenuipes</i>