

1. **Gymnopilus laeticolor** sp. nov.

Pileus convex or somewhat conic to subexpanded, rarely umbonate, thin, cespitose, wood-loving, 3-5 cm. broad; surface smooth, glabrous, slightly viscid, hygrophanous, minutous when young, becoming testaceous at the center and ochroleucous on the margin in mature plants; context dull-colored, bitterish; lamellae adnate, rather narrow, not crowded, ochraceous; spores ellipsoid, smooth, hyaline with a yellowish tint under a microscope, probably pale-ochraceous in mass, with one or two very brilliant nuclei, $7 \times 3-4 \mu$; stipe equal, minutous to ochroleucous below, white above, slightly moist and viscid, decorated with a few fibrils, the remains of a slight white veil, about 7 cm. long, 4-8 mm. thick.

Collected from the under side of a much decayed coniferous log in the forest near Seattle, Washington, October 20-November 1, 1911, *W. A. Murrill 297, 505 (type)*. Related to *F. astragalina*.

2. **Gymnopilus decoratus** sp. nov.

Pileus convex to slightly depressed, at times umbonate, cespitose, wood-loving, 3.5-5 cm. broad; surface slightly viscid, the center imbricate-scaly with pale-bay scales, chestnut-colored on the umbo, the remainder of the surface cremeous, fading to white toward the margin; lamellae adnate or sinuate, isabelline to fulvous, rather broad but plane, not crowded, edges undulate; spores ellipsoid or ovoid, smooth, very pale melleous under a microscope, $5-6 \times 3.5-4 \mu$; cystidia abundant, hyaline, conic, tapering to a short, narrow stalk, obtuse at the apex, $30 \times 12 \mu$; stipe equal, rather tough, stuffed, white or yellowish, shaggy-fibrillose, 5-8 cm. long, 5-6 mm. thick; veil fibrillose, evanescent, remaining attached partly to the margin and partly to the stipe.

Collected abundantly on dead wood in open ground or in woods near Seattle, Washington, October 20-November 1, 1911, *W. A. Murrill 553 (type), 538, 619*. Also collected on dead wood in a dense fir forest at Glen Brook, Oregon, November 7, 1911, *W. A. Murrill 750*.

3. **Gymnopilus ornatulus** sp. nov.

Pileus convex to nearly plane, gibbous or umbonate, cespitose, 3 cm. broad; surface dry, slightly viscid when wet, fibrillose, flavo-melleous tinted with pale rose-brown, the latter color more conspicuous at the center; lamellae adnate, plane, broad, of medium distance, pallid when young, becoming pale-fulvous from the