

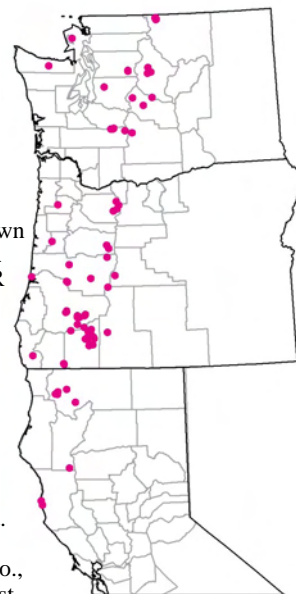
Clavariadelphus truncatus Donk

ROD name *Clavariadelphus truncatus*

Family Clavariaceae

Morphological Habit club

Description: **SPOROCARPS** up to 150 mm tall, up to 15 mm in diam. at base, enlarged upward to 35 mm in diam., simple, clavate to broadly clavate, then turbinate or cantharelloid, base terete, smooth, white to pale orange. **SPORE-BEARING TISSUE** smooth, becoming longitudinally rugose to rugulose, yellow to brown, apex truncate, smooth, becoming rugose or rugulose, yellow to red-brown when bruised. **CONTEXT** solid, white to pale, slowly pale brown, to red-brown when bruised. **ODOR** not distinct. **TASTE** not distinct. **MACROCHEMICAL REACTIONS:** KOH, PYR, GUA, PHN, ANO, SYR all positive, TYR negative. **TRAMAL HYPHAE** 3-12 (-16) μm in diam., more or less parallel to interwoven, branched, thin walled or irregularly thickened to 1 μm , smooth, pale yellow. **GLEOPLEOUS HYPHAE** 2.5-5 (-8) μm in diam., branched, thin walled, smooth, pale yellow, cyanophilic. **LEPTOCYSTIDIA** 40-70 x 2.5-5 μm , cylindrical to narrowly clavate, thin walled, pale yellow. **BASIDIA** 80-110 x 8-12 μm , clavate, thin walled, pale yellow, acyanophilic, 2-4 spored. **STERIGMATA** 6.5-9.5 μm long, incurved. **CLAMP CONNECTIONS** present. **SPORES** broadly ellipsoid, broadly ovate or amygdaliform, 9.5-13.5 x 5.5-7 μm ; thin walled, smooth, pale yellow, acyanophilic, inamyloid, spore print white.



Distinguishing Features: The spore size and shape and color of the sporocarp are distinct.

Distribution: Widespread in Asia, Europe, and North America. **CALIFORNIA**, Mendocino Co., Jackson State Forest, Aleuria Glen; Van Damme State Park; **Siskiyou** Co., Klamath National Forest (KNF), Marble Mountain Wilderness Area, Canyon Creek trail; KNF, Cub Creek, west of Marble Mountain Wilderness; KNF, Duck Lake trailhead; KNF, Haypress Meadows; KNF, Stanshaw trailhead, west of Marble Mountain Wilderness; **Trinity** Co., Mendocino National Forest, George's Valley; **OREGON**, Benton Co., Siuslaw National Forest, Mary's Peak; **Clackamas** Co., Mount Hood National Forest (MHNH), Clackamas River Ranger District, Buck Creek; MHNH, Little Crater Lake; MHNH, Still Creek campground; **Curry** Co., Mule Prairie; **Deschutes** Co., Deschutes National Forest, southeast shore of Cultus Lake; **Douglas** Co., Umpqua National Forest (UNF), 1.6 km south of Threehorn Camp; Bureau of Land Management (BLM), Swiftwater Resource Area, 2.4 km south of Wards Butte; UNF, 18 km southeast of Tiller; off Rd. 3220; UNF, 3.2 km south of Clayton Point; UNF, Andraieff Meadows; BLM, Myrtle Creek Research Natural Area; UNF, South Umpqua Falls; Lake Tahkenitch; **Jackson** Co., BLM, 1.6 km north of Round Top; BLM, 1.6 km northwest of Northern Glades; Rogue River National Forest, 2.4 km east of Prospect Ranger Station; BLM, 3.2 km east of Flounce Rock; BLM, 3.2 km south of Medco Pond; BLM, 3.2 km west of Fredenburg Butte; BLM, 4.8 km west of Santiam Peak; BLM, Big Butte Creek; BLM, Dog Creek; BLM, McNeil Creek; BLM, near Gardner Butte; BLM, near riparian area off of road 34-2E-29; BLM, Prospect Ranger Station; BLM, Sugar Pine Flat; BLM, southwest of road 34-2E-9.07; Rogue River National Forest (RRNF), Thousand Springs; Rogue River National Forest, Willow Lake campground; **Josephine** Co., RRNF, Jacksonville, 3.2 km southeast of Larkspur Spring; **Klamath** Co., Winema National Forest (WINF), 3.2 km northeast of Blue Springs; WINF, Crater Lake south entrance; Willamette National Forest (WNF), Willamette Pass; **Lane** Co., UNF, Wyatt Creek, 0.8 km north of Rose Hill; WNF, Belknap Springs; WNF, south of Buckhead Mountain; near Fern Ridge Dam, north of Eugene; WNF, 3.2 km northeast of Lost Prairie campground; **Linn** Co., WNF, Clear Lake area; WNF, Maude Creek; **Umatilla** Co., Meacham; **Wasco** Co., MHNH, Wapinita Summit, Frog Lake; **Yamhill** Co., BLM, Tillamook Resource Area, north of East Creek; **WASHINGTON**, **Chelan** Co., Wenatchee National Forest (WENF), Chiwawa River; WENF, off road 6300 spur 151; WENF, Old Blewett Pass; WENF, Rock Creek Guard Station, Lake Wenatchee; near Lake Wenatchee; **Kittitas** Co., Cle Elum; WENF, Lake Kachess trail; **Lewis** Co., Mount Rainier National Park, Longmire campground; Soda Springs; **Okanogan** Co., Okanogan National Forest (OKNF), Pasayten Wilderness, 1.6 km east of wilderness shelter; OKNF, Pasayten Wilderness, head of Dry Lake; OKNF, Pasayten Wilderness, Hidden Lakes cabin; OKNF, Pasayten Wilderness, south of head of Big Hidden Lake; OKNF, Pasayten Wilderness, Stub Creek trail; **Pierce** Co., Mount Rainier National Park (MRNP), Longmire campgrounds; MRNP, southwest entrance; **San Juan** Co., Friday Harbor Biological Station, Bear Springs area; **Snohomish** Co., Stevens Pass Rd., San Juan campground; **Yakima** Co., Indian Creek near Trenton Reservoir.

Substrate and Habitat:

Scattered to gregarious on soil or duff, under mixed conifers.

Season: July through November.

Reference:

Methven, A.S. 1990. The genus *Clavariadelphus* in North America. Berlin: Cramer. 192 p.

