

24.viii.1968, L.A. Kelton (CNC): ex *P. contorta*, 2♀; ex *Picea* sp., 1♀. **Summit Co.:** Loveland Pass Summit, 12,000 ft, 7.viii.1961, C.H. Mann, 1♀ (CNC). Vail Pass summit, 10,350 ft, 11.viii.1987, ex *P. flexilis*: J.T. and D.A. Polhemus, 3♀ (JTPC); T.J. Henry, 3♀ (USNM). 8.7 mi W jct Hwy 91 on I-70, 14.viii.1980, G.M. Stonedahl, ex *P. contorta*, 1♀ (AMNH). **Weld Co.,** Brainard Lake, Roosevelt Nat. For., 10,300 ft, 2.viii.1968, L.A. Kelton, ex *P. flexilis*, 9♂, 24♀ (CNC). **Idaho:** **Bear Lake Co.,** Bloomington Lake, 24.vii.1982, M.D. Schwartz, ex *A. engelmanni*, 1♀ (AMNH). **Lemhi Co.,** 3 mi W of Gilmore, Meadow Lake Cmpgnd, 9,600 ft, 31.vii.1994, M.D. Schwartz, ex *P. albicaulis*, 3♂, 7♀ (CNC). **Oregon:** **Clackamas Co.,** 1 mi S of Government Camp, 25.vii.1966, W. Gagné, J. Haddock, ex *P. contorta*, 1♀ (UCB). **Deschutes Co.,** 6 mi SW Sisters on FS Rd 1536, 29.vii.1980, M.D. Schwartz, ex *P. ponderosa*, 1♂ (AMNH). **Grant Co.,** Wildcat Springs Cmpgrd, T14S R33E Sec 10, 21.vii.1979, M.D. Schwartz, ex *P. contorta*, 1♀ (AMNH). **Hood River Co.,** Mt Hood, Cloud Cap, 6,000 ft, 5.ix.1979, G.M. Stonedahl, ex *P. contorta*, 1♀ (AMNH). **Lane Co.,** Willamette Nat. For., Hand Lake Trail, 4,750 ft, 29.vii.1979, M.D. Schwartz, 5♀ (AMNH). **Linn Co.,** Willamette Nat. For., Mowich Lake, 5,000 ft, 8.vii.1979, M.D. Schwartz, ex *P. contorta*, 1♂, 2♀ (AMNH). **Utah:** **Salt Lake Co.,** Alta (rd to cmpgrd), 10,000 ft, 8.viii.1982, M.D. Schwartz, ex *Picea engelmanni*, 1♀ (AMNH). **Washington:** **Whatcom Co.,** Mt Baker Nat. For., R9E T39N Sec 17, 7.ix.1979, G.M. Stonedahl, ex *A. amabilis*, 1♀ (AMNH). **Yakima Co.:** Mt Adams, A.R. Rolfs (USNM): 15.vii.1932, holotype♂, allotype♀, 1♂, 6♀ paratypes; 3.viii.1930, 1♂.

***Pinophylus stonedahli*, new species**

Figs. 13F, 15

Diagnosis. Definitely distinguished from small specimens of *Pinophylus rolfsi* by the vesica, which is stout, C-shaped and with a short portion distal to the secondary gonopore. Usually recognizable by the whitish translucent base of the cuneus, and the shorter cuneus and hemelytral membrane. In *P. rolfsi* the cuneal base is usually suffused with red and the cuneus and membrane are longer. Males easily distinguished from *P. carneolus* by their brownish black rather than reddish brown coloration.

Description. Male (Fig. 15A). Total length 4.1 (4.0–4.5); ratio of head width across eyes to cuneus length along lateral margin 1.00:1.33; uniformly shining blackish brown, sometimes base of cuneus pale white or translucent; dorsum with sparsely to evenly distributed, reclining, fine, brown, simple setae. **Head:** brownish black; width 0.82 (0.80–0.86); vertex width 0.33 (0.28–0.34); antennae brown; antennal measurements 0.28: 1.15 (1.10–1.25): 0.93: 0.45; labium brown, reaching apex of hind coxa to slightly beyond, length 1.65 (1.64–1.66). **Thorax:** propleura, mesoscutum, and scutellum, and peritremal disk brownish black. **Hemelytra:** membrane and veins infusate. **Venter:** black. **Legs:** uniformly dark orange brown to brown. **Genitalia:** see Fig. 13F; ventral margin of right paramere slightly expanded. **Female** (Fig. 15B). Total length 3.6 (3.5–3.7); head width 0.78 (0.75–0.83); vertex width 0.39 (0.38–0.42); antennal measurements 0.27 (0.25–0.28): 0.98 (0.95–1.15): 0.68 (0.65–0.70): 0.38; labium brown, reaching base of ovipositor, length 1.83 (1.80–1.84).