

Pleurothallis congruens Luer, sp. nov., Figure 142, Selbyana 3:79. 1976. Species haec ab *P. cogniauxiana* Schltr. et affinitatibus differt foliis late cordatis acuminatis, racemo paucifloro et petalis late ellipticis.

TYPE: PANAMA: PANAMA: epiphytic in cloud forest along the El Llano-Cartí road, alt. 300 m, 3 March 1976, C. Luer, J. Luer, P. Taylor & R. L. Dressler 987 (HOLOTYPE: SEL), greenhouse acc. no. 43-76-84, flowered in cult. 23 Dec. 1977; PARATYPES: PANAMA: COLON: epiphytic along the Santa Rita lumber road, 28 Jan. 1968, R. L. Dressler 3362 (SEL); Río Iguanita, March 1976, N. H. Williams s.n. (SEL). ECUADOR: Los Rios: epiphytic in cloud forest 12 km from Patricia Pilár on road to 24 de Mayo, Montañas de Ila, alt. 540 m, 30 May 1976, C. H. Dodson 6096 (SEL).

This species was erroneously attributed to *P. coffeicola* Schltr., then erroneously identified as a depauperate *P. cogniauxiana* Schltr. For two years *P. cogniauxiana* and *P. congruens* have been grown side by side in the "cool house" at SEL, and consistent differences are significant. *Pleurothallis cogniauxiana* is a considerably larger plant with longer racemes of 6 to 12 flowers. The petals are ovate-acuminate. *Pleurothallis congruens* is smaller with more deeply cordate leaves and very short, 1-to 3-flowered racemes. The petals are broadly elliptical. *Pleurothallis congruens* differs from *P. coffeicola* and *P. consimilis* Ames in the shorter rhizome, larger habit and short, few-flowered racemes.