

DRYADELLA, A NEW GENUS IN THE PLEUROTHALLIDINAE  
(ORCHIDACEAE)

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This genus consists of about twenty-five species previously included in *Masdevallia* Ruiz & Pav., and three previously attributed to *Pleurothallis* R. Br. Segregation of these species into a subgenus of *Masdevallia* was suggested by Schlechter. A section within *Masdevallia* was erected for them by Kränzlin. Brieger elevated the group to the generic rank, with which I agree, but the name he proposed is invalidly published (International Code of Botanical Nomenclature, Article 36) because neither he nor Schlechter provided a Latin description or diagnosis, nor indicated a type.

**Dryadella** Luer, gen. nov.

*Masdevallia* sect. *Saltatrices* Rchb. f., *Linnaea* 41:10. 1877, according to Woolward, *Monogr. Masdev. sect.* 12. 1898.

*Masdevallia* subgen. *Trigonanthe* Schltr., *Repert. Spec. Nov. Regni Veg. Beih.* 35:48. 20 Mar. 1925, nom. nud.

*Masdevallia* sect. *Rhombopetalae* Krzl., *l. c.* 34:188. 15 May 1925.

*Trigonanthe* (Schltr.) Brieg., *Die Orchideen* 448. 1975, nom. illeg.

Plantae parvae epiphyticae caespitosae, caulibus secundariis abbreviatis unifoliatis, foliis crassis linearibus, floribus singularibus vel racemis contractis procreatis, sepalis ovatis acutis vel caudatis basibus connatis, sepalis laterali-bus supra basim transverse carinatis, petalis plus minusve rhombeis, labello unguiculato lamina plus minusve oblonga vel polygonali obtusa base biauriculata, columna erecta alata vel bidentata, polliniis duobus.

Plants small, epiphytic, caespitose; secondary stems abbreviated, unifoliate; leaves thick, linear; flowers produced singly or in a contracted, successively-flowered raceme; sepals ovate, acute to caudate, connate only at the bases, the lateral sepals transversely carinate above the bases, the carinae rarely reduced; petals more or less rhombic; lip distinctly unguiculate, usually minutely biauriculate at the base of the claw, the blade more or less oblong to polygonal, obtuse, bilobulate at the base; column erect, winged or bidentate; pollinia two.

ETYMOLOGY: Named for the dryads, the nymphs of trees and forests of classical mythology.

TYPE: *Dryadella elata* (Luer) Luer, (*Masdevallia elata* Luer).

The species of *Dryadella* may be distinguished from those of *Masdevallia* and *Pleurothallis* by the lateral sepals provided near the bases with a transverse callus or thickened fold (rarely much reduced) below which they are more or less shortly connate into a mentum below the column-foot, and by the long-unguiculate lip with a lamina provided with more or less retrorse basal lobules.

The following new combinations are necessary:

**Dryadella albicans** (Luer) Luer, comb. nov.

*Masdevallia albicans* Luer, *Phytologia* 39:185. 1978.

DISTRIBUTION: Ecuador.

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- Dryadella auriculigera** (Rchb. f.) Luer, comb. nov.  
*Pleurothallis auriculigera* Rchb. f., Gard. Chron. 1579. 1871.  
*Masdevallia auriculigera* (Rchb. f.) Rchb. f., Otia Bot. Hamburgensia 2:93. 1881.  
DISTRIBUTION: Brazil.
- Dryadella aviceps** (Rchb. f.) Luer, comb. nov.  
*Pleurothallis aviceps* Rchb. f., Gard. Chron. 1579. 1871.  
*Masdevallia aviceps* (Rchb. f.) Rchb. f., Otia Bot. Hamburgensia 2:93. 1881.  
DISTRIBUTION: Brazil.
- Dryadella dolichopoda** (Luer) Luer, comb. nov.  
*Masdevallia dolichopoda* Luer, Phytologia 39:196. 1978.  
DISTRIBUTION: Ecuador.
- Dryadella edwallii** (Cogn.) Luer, comb. nov.  
*Masdevallia edwallii* Cogn., Flora Brasiliensis 3(4):553. 1906.  
*Trigonanthe edwallii* (Cogn.) Brieg., Die Orchideen 449. 1976.  
DISTRIBUTION: Brazil.
- Dryadella elata** (Luer) Luer, comb. nov.  
*Masdevallia elata* Luer, Phytologia 39:199. 1978.  
DISTRIBUTION: Ecuador.
- Dryadella espirito-santensis** (Pabst) Luer, comb. nov.  
*Masdevallia espirito-santensis* Pabst, Bradea 1:329. 1973.  
DISTRIBUTION: Brazil.
- Dryadella gnoma** (Luer) Luer, comb. nov.  
*Pleurothallis gnoma* Luer, Selbyana 3:110. 1976.  
DISTRIBUTION: Colombia and Ecuador.
- Dryadella gomes-ferreirae** (Pabst) Luer, comb. nov.  
*Masdevallia gomes-ferreirae* Pabst, Bradea 2:51. 1975.  
DISTRIBUTION: Brazil.
- Dryadella guatemalensis** (Schltr.) Luer, comb. nov.  
*Masdevallia guatemalensis* Schltr., Repert. Spec. Nov. Regni Veg. 15:201. 1918.  
*Masdevallia simula* Rchb. f. var. *guatemalensis* (Schltr.) Krzl., l. c. Beih. 34:191. 1925.  
DISTRIBUTION: Guatemala.
- Dryadella kautskyi** (Pabst) Luer, comb. nov.  
*Masdevallia kautskyi* Pabst, Bradea 1:330. 1973.  
DISTRIBUTION: Brazil.
- Dryadella lilliputana** (Cogn.) Luer, comb. nov.  
*Masdevallia lilliputana* Cogn., Flora Brasiliensis 3(4):555. 1906.  
DISTRIBUTION: Brazil.
- Dryadella linearifolia** (Ames) Luer, comb. nov.  
*Masdevallia linearifolia* Ames, Sched. Orchid. 5:7. 1923.  
DISTRIBUTION: Guatemala to Panama.

- Dryadella meiracyllium** (Rchb. f.) Luer, comb. nov.  
*Masdevallia meiracyllium* Rchb. f., Flora 69:558. 1886.  
DISTRIBUTION: Colombia.
- Dryadella melloi** (Pabst) Luer, comb. nov.  
*Masdevallia melloi* Pabst, Bradea 2:169. 1977.  
DISTRIBUTION: Brazil.
- Dryadella obrieniana** (Rolfe) Luer, comb. nov.  
*Masdevallia obrieniana* Rolfe, Gard. Chron. 8:524. 1890.  
*Masdevallia sessilis* Barb. Rodr., Pl. Nov. Jard. Bot. Rio de Janeiro 6:17. 1898.  
*Masdevallia paulensis* Barb. Rodr., Contr. Jard. Bot. Rio de Janeiro 2:51. 1901.  
*Masdevallia simula* Rchb. f. var. *obrieniana* (Rolfe) Krzl., Repert. Spec. Nov. Regni Veg. Beih. 34:192. 1925.  
*Masdevallia bradei* Schltr. ex Hoehne, Bol. Mus. Nac. Rio de Janeiro 12(2):32. 1936.  
DISTRIBUTION: Brazil.
- Dryadella paranaënsis** (Schltr.) Luer, comb. nov.  
*Masdevallia paranaënsis* Schltr., Notizbl. Bot. Gart. Berlin-Dahlem 7:268. 1918.  
DISTRIBUTION: Brazil.
- Dryadella perpusilla** (Krzl.) Luer, comb. nov.  
*Masdevallia perpusilla* Krzl., Repert. Spec. Nov. Regni Veg. 1:79. 1906.  
DISTRIBUTION: Peru.
- Dryadella popayanensis** (Lehm. & Krzl.) Luer, comb. nov.  
*Masdevallia popayanensis* Lehm. & Krzl., Repert. Spec. Nov. Regni Veg. 17:416. 1921.  
DISTRIBUTION: Colombia.
- Dryadella pusiola** (Rchb. f.) Luer, comb. nov.  
*Masdevallia pusiola* Rchb. f., Gard. Chron. 1:140. 1887.  
DISTRIBUTION: Colombia and Panama.
- Dryadella simula** (Rchb. f.) Luer, comb. nov.  
*Masdevallia simula* Rchb. f., Gard. Chron. 3:8. 1875.  
DISTRIBUTION: Central America and Colombia.
- Dryadella simulatrix** (Krzl.) Luer, comb. nov.  
*Masdevallia simulatrix* Krzl., Kew Bull. 102. 1925.  
DISTRIBUTION: Ecuador.
- Dryadella summersii** (L. O. Wms.) Luer, comb. nov.  
*Masdevallia summersii* L. O. Wms., Bot. Mus. Leaflet 9:5. 1940.  
DISTRIBUTION: Ecuador.
- Dryadella zebrina** (Porsch) Luer, comb. nov.  
*Masdevallia zebrina* Porsch, Oesterr. Bot. Z. 55:154. 1905.  
*Masdevallia carinata* Cogn., Bull. Soc. Roy. Bot. Belgique 43:305. 1907.  
DISTRIBUTION: Brazil.