

CHECKLIST OF PLEUROTHALLIDINAE FROM COLOMBIA

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ABSTRACT. A checklist of the Pleurothallidinae species recorded for Colombia is presented. The list includes 1112 confirmed species of Pleurothallidinae recorded for Colombia. In cases when it was not possible to obtain information of valid vouchers, the species were treated as reported; these species are compiled in an additional list. Information such as basionym, synonyms, original collection (type), specimen vouchers and/or literature citations, distribution by department and notes recording sources of illustrations are included. Due to the unstable taxonomic situation of the subtribe, the most recent generic changes proposed (Luer 2005) were included next to the current genus to give an idea of the possible new name. It was found that *Lepanthes*, *Pleurothallis*, *Masdevallia*, *Dracula* and *Stelis* exhibit the highest richness of species; the data were also compared with those recorded for Ecuador, Peru and Bolivia.

Key words: Orchidaceae, Pleurothallidinae, checklist, Colombia

RESUMEN. Se presenta una lista de las especies de Pleurothallidinae registradas para Colombia. El listado incluye 1112 especies confirmadas; en aquellos casos donde no fue posible obtener información sobre especímenes, las especies se trataron en un listado adicional como reportadas. Se incluye información sobre el basónimo, los sinónimos, el ejemplar tipo, los ejemplares de referencia, referencias bibliográficas, distribución por departamento y notas registrando fuentes de ilustración. Debido a la situación taxonómica inestable de la subtribu, se presentan los nombres genéricos alternativos propuestos (Luer 2005) a continuación del actual género, con el fin de dar una idea del posible cambio en el nombre de la especie. Se encontró que los géneros *Lepanthes*, *Pleurothallis*, *Masdevallia*, *Dracula* et *Stelis* exhiben la mayor riqueza de especies. También se hicieron comparaciones con los datos conocidos para Ecuador, Perú y Bolivia.

INTRODUCTION

Colombia is located in the extreme northwest of South America, in the inter-tropical zone bounded by Panama, Venezuela, Brazil, Peru, and Ecuador. The country is ca. 1.1 million km² in area, with 2900 km of coastline along the Atlantic and Pacific oceans.

Because of its geographical location in the tropics, the country does not experience four well-marked seasons. Instead, dry and rainy periods are of variable lengths, occurring at different intervals within the national territory. Night and day periods are of nearly equal length during the entire year (J.F. Posada *in* Ortiz et al. 1992).

Natural Geographic Regions

Colombia has a large variety of ecosystems and it is not possible to speak of a single, typical Colombian habitat. The simplest way to consider the habitats is to divide the country into five large natural geographic regions, which can be

subdivided into secondary geo-botanical areas. These regions are the Caribbean (Atlantic) coastal plains, the Andean mountainous region, the Pacific coast, the Eastern plains of the Orinoquía and the Amazon Jungle (FIGURE 1).

Caribbean Coastal Plains

The Atlantic coastal plains encompass flatlands below 300 m along the coast of the Atlantic Ocean. This region extends along the Caribbean coast and continues inland into the Magdalena and Cauca valleys. The average annual temperature is 27°C.

Andean Mountainous Region

The Andean mountainous region includes the central areas of Colombia, which extend from the farthest point south to the northern part of the country. This region forms part of the Andes chain of mountains, which in Colombia are divided into three large ranges: the Western, Central, and Eastern ranges.

The uneven topography and varying altitudes in this region alter the intensity of the winds, rainfall, and evaporation, producing highly variable climatic conditions and very diverse eco-

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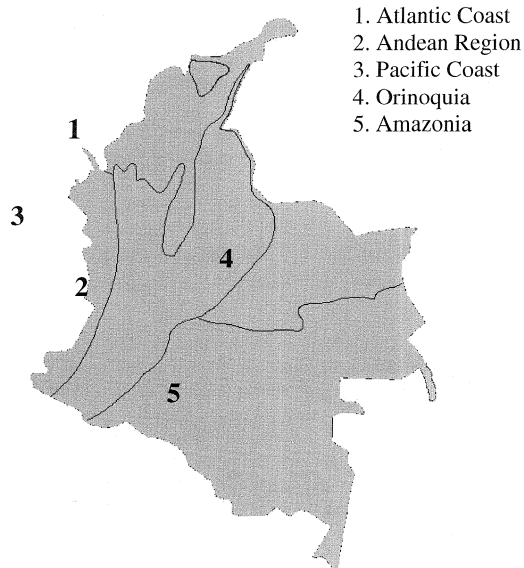


FIGURE 1. Habitat map of Colombia, showing the natural regions. 1. Atlantic Coast; 2. Andean Region; 3. Pacific Coast; 4. Orinoquia; 5. Amazonia.

systems. In addition to the Andean formation, Colombia has several isolated mountains, such as the Sierra Nevada of Santa Marta and the Sierra de la Macarena. Although these formations have different origins, they exhibit similar geographical and climatic conditions.

Within the tropical regions, a vegetation type occurs between the upper limit of the continuous, closed-canopy forest and the upper limit of plant life. This vegetation type is scattered along the crests of the highest mountain ranges or on isolated mountain tops from ca. 3000–5000 m. Multiple names are assigned to this type of natural community, but the most common one is *páramo*.

The páramos of Colombia are centered in the northern half of the Cordillera Oriental, in the Departments of Meta, Cundinamarca, Boyacá, and Santander, and in the Cordillera Central, in the Departments of Cauca, Valle del Cauca, and the Quindío-Tolima-Caldas border regions. Most of the páramos occur above 3000 m, but some of the lowest páramos are found in azonal habitats, such as boggy areas as low as 2380 m in the Cordillera Central and 2650 m in the Cordillera Occidental (Luteyn 1999).

Páramos are mentioned because many collections of pleurothallid orchids of such genera as *Barbosella*, *Brachionidium*, *Draconanthes*, *Lepanthes*, *Platystele*, *Pleurothallis*, *Stellis*, *Teagueia*, and *Trichosalpinx* come mainly from this ecosystem type.

Pacific Coast

The Pacific Coast region, which includes the entire western part of Colombia, can be divided into two sub-regions: the northern one that extends from Cabo Corrientes northwards and the southern sub-region. Overall, this region has heavy rainfall, with more than 10,000 mm³ of rain annually in some parts of Chocó. The altitude of this coastal zone rarely exceeds 1000 m, and the average temperature is ~27°C.

Eastern Plains

The Eastern Plains (Orinoquia), which include the flat eastern part of the country, have an average elevation of 200 m. Hydrographically, this region is part of the Orinoco River basin. Most of this zone has herbaceous flora and shrub-like vegetation; taller trees can be found only along the edge of rivers and streams. The average temperature is 26°C.

Amazon Jungle

The Amazon Jungle region (Amazonia) covers the southeastern part of Colombia. Rather flat with low hills, most of this zone is still covered by primary forest. Hydrographically, it belongs to the Amazon River system. This environmental region is characterized by high humidity and frequent rain throughout most of the year; the average temperature is 26°C (Ortiz et al. 1980).

Colombian Orchid Collectors

Between the years 1550 to 1810, the northwestern corner of South America became known as Nueva Granada (New Grenada). Governed under the rule of Spain, this area included present-day Colombia, Panama, Ecuador and Venezuela, bounded by Peru to the southwest and Brazil to the southeast. With many of these boundaries changing over the years, confusion has arisen as to the country of origin for early plant collections, as is the case of *Stelis fissa* Lindl., a plant originally collected in Quito but reported from Peru in the protologue.

The first scientific endeavor to explore and record the native flora from this territory was undertaken by a young man named José Celestino Mutis from Spain, a disciple of Linnaeus. Mutis arrived in Cartagena in 1760 and collected numerous specimens of plants, many of them orchids (FIGURE 2).

Later, in 1801 Alexander von Humboldt and Aimé Bonpland, in their expedition to tropical America, landed in Cartagena (Nueva Granada). They traveled around the Colombian territory from the lowlands to the highlands, looking for plants and preparing numerous botanical speci-

mens. Unfortunately, many of their specimens were lost during the ocean voyage when they were sent to Paris.

The rest of their collections, however, were eventually published in *Nova Genera and Species Plantarum* (Kunth 1816), which described many new species of orchids. Later, in the nineteenth century, Colombia was explored by numerous European collectors, who traveled around the country, collecting specimens and recording more new species.

Among the collectors who visited Colombia looking for orchids were the French botanist Justin Goudot (1823) and the German collector Theodor Hartweg (1840); both of them representing commercial orchid firms in England. Hartweg's collections were sent to John Lindley at the Royal Botanical Gardens, Kew. The first and foremost authority on orchids, Lindley is considered the father of orchidology.

Other important collections were made by Jean Linden of Brussels, who was sent to America by English firms, and by the Funck and Schlim expedition (1846–1852), which produced a large number of collections and new species. Professional collectors such as the brothers Klaboch, Benedict Roezl, Hermann Wagener, and Gustav Wallis traveled around the Colombian territory. Warzcewicz, who lived in the latter half of the nineteenth century, discovered many new species for the European market. Many of these collections were sent to Hamburg for Professor Heinrich Gustav Reichenbach filius, who succeeded Lindley as the orchid authority.

Despite the work of these early plant collectors, the majority of the Colombian collections were gathered in the latter part of the nineteenth century by Friedrich Carl Lehmann, a German mining engineer, who worked for 30 years in Colombia and Ecuador. Searching for gold, he could look for orchids at the same time. His numerous new species were described by Reichenbach, Rudolf Schlechter and Fritz Kraezlin.

Since World War II, the majority of professional orchid collectors have been Colombian, and their contributions have helped to make the modern orchid floras of Colombia possible [(Luer *in* Ortiz et al. 1991).]

In addition, the Colombian orchid growers who have worked in recent decades need mention. Although it is impossible to list all their names in a brief article, it is important to emphasize that without their contributions, the most recent findings on Colombian orchids would not have been published.

Despite the valuable contributions of these orchid collectors and growers, the study of Colombian orchids remains incomplete. Father Pe-

dro Ortiz, who has worked for many years on Colombian orchids, recognizes 3400 orchid species in his most recent list. No comprehensive work, however, yet includes descriptions of the orchid species, detailed illustrations, taxonomic keys, distribution data, and patterns of endemism.

For Pleurothallidinae, in particular, a taxonomic list recording 153 species of *Masdevallia* and 72 species of *Dracula* has been published (Farfan & Calderon 2003). In addition, a species list of Colombian *Lepanthes* (Farfan et al. 2003) found the genus represented by 270 species.

The geographic and climatic characteristics of Colombia produce a significant richness of orchids that represents most of the neotropical orchid groups. This study found that 1112 species of the total recorded by Father Ortiz correspond to Pleurothallidinae subtribe and represent about 33% of the Colombian orchids.

PLEUROTHALLIDINAE

Pleurothallid orchids are a major component of the neotropical flora and epiphytic vegetation. They have a wide geographic range from southern Florida, the West Indies, and Mexico to southern Brazil and areas north of Argentina. The most species-rich regions are the Andes of Colombia, Ecuador, and Peru (Luer 1986; Pridgeon *et al.* 2005). Most pleurothallid species have restricted distribution ranges, making them more vulnerable to extinction. Thus these species require scientific study before it is too late to protect them.

In the classification by Dressler (1981), Pleurothallidinae is located in the tribe Epidendreae, composed of 26 genera. Later, Dressler (1993) separated the tribe into New World and Old World taxa, locating Pleurothallidinae with the New World taxa and composed of 28 genera.

Recent studies on Epidendroideae, which take into account additional data sources such as DNA (van den Berg et al. 2005, Chase et al. 2003) suggest that the subtribe should be kept within this tribe. Classification within the subtribe, however, presents a more complex situation.

Carl Luer, considered the major researcher on pleurothallid orchids, has been studying these plants for three decades. His monumental work, *Icones Pleurothallidarum*, constitutes the most complete and detailed work on Pleurothallidinae, although Luer's main sources of information are plant morphology and the habitat of the species.

In the last decade, new taxonomic treatments have contributed to the knowledge of Pleurothallids (i.e., Chase et al. 2003; Pridgeon et al.

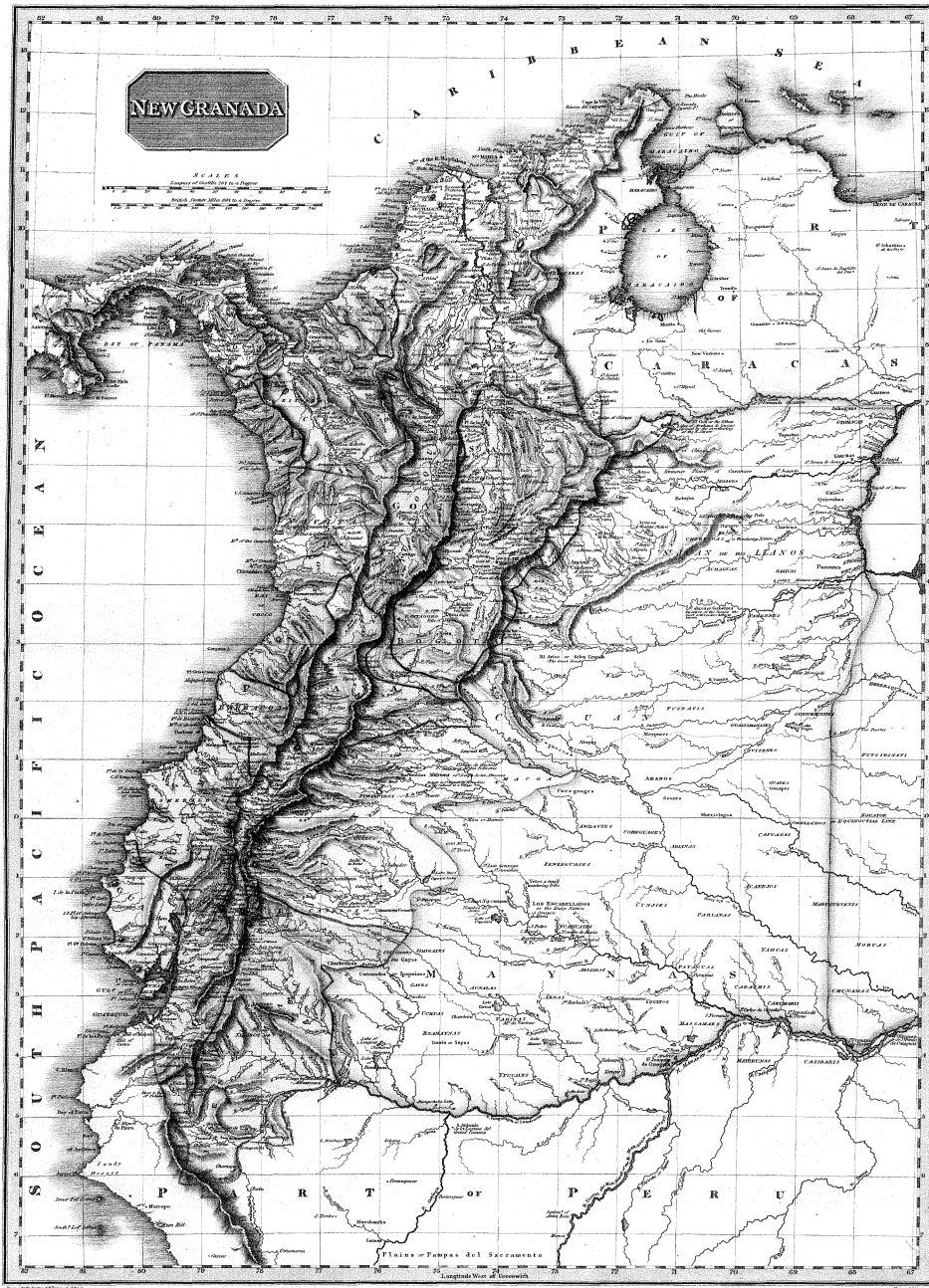


FIGURE 2. Historical map of New Grenada showing the inclusion of Colombia, Ecuador and Panama under one country (Pinkerton 1811).

2001, 2005). The total number of genera and their delineation, however, remains unclear; different numbers of genera for the pleurothallid subtribe have been proposed, ranging from 32 to 89 generic names in current use (Williams

2006). For a complete list see <http://www.flmnh.ufl.edu/herbarium/pleuro/manplan/ManPlan.htm>.

Pleurothallidinae constitutes one of the largest natural groups within the family Orchidaceae; it

has been estimated that there are 4000 species in this group (Dressler 1993a). Plants from the subtribe are distinguished by single-leaved, thin secondary stems known as ramicauls and a deciduous ovary (FIGURE 3) articulated with the pedicel (Luer 1986).

The primary stem, rhizome, is variable, and it is possible to find plants caespitose with abbreviated rhizome or repent plants with longer rhizomes. The ramicaule (secondary stem) corresponds to the aerial stem that bears the leaf, which is generally unifoliate. However, in some species it is possible to find prolific stems which appear to have more than 1 leaf (FIGURES 3 & 4 show some of the morphological diversity of the subtribe).

Different kinds of tubular sheaths can be observed enclosing the ramicauls. The leaves are variable, and it is possible to find thin or thick leaves, with diverse shapes. The inflorescence can be single flowered or racemose, rising from near or very near the apex of the ramicaul; most of the time the inflorescence is preceded by a bract, which in many species is specialized into a conspicuous spathe (Luer 1986).

The flowers are quite variable in Pleurothallidinae; therefore it is not possible to describe here the enormous diversity of floral features. Traditionally, Pleurothallids have been known because of their "tiny flowers;" and most of the time the flowers exhibit this pattern. However, this is not always true, and some Pleurothallid orchids (i.e. *Masdevallia* and *Dracula*) exhibit showy sepals, several cm long or wide. In many other cases, the lip and petals are the attractive floral structures, or both petals and sepals are very small (FIGURE 4).

Sepals can be united or free and pubescent or glabrous, and their size is variable. Petals and lip are highly variable too; it is possible to find short petals and a longer lip or vice versa, thickened lips and petals, or very thin petals with membranous consistency, among many other traits. A wide floral color spectrum exists among the members of the subtribe.

The Pleurothallidinae are basically a fly-pollinated group, involving fungus gnats and carrion flies; however, there are a few cases of hummingbird pollination in some species of *Masdevallia* (Dressler 1993b).

MATERIALS AND METHODS

To compile the present work, two previous lists of all known species of Colombian orchids were examined (the Father Pedro Ortiz list and the Kew list) to search for the names of species in Pleurothallidinae. These names were then compared, looking for inconsistencies in the two

lists, such as synonyms or specimen vouchers recording the species, etc., that needed to be clarified to obtain a consistent final list.

Searches were made at the Marie Selby Botanical Gardens library, and taxonomic databases (Tropicos, Kew Monocots Checklist, IPNI) and microfiche collections were consulted. Information about herbarium specimens was obtained from five different herbaria: COL (Herbario Nacional Colombiano), HUQ (Herbario Universidad del Quindío), MO (Missouri Botanical Garden Herbarium), NY (New York Botanical Garden Herbarium), and SEL (Marie Selby Botanical Gardens Herbarium). The data from all the species were added to a database designed previously by Higgins and Holst (2005).

The latest version of the database includes 1113 confirmed species of Pleurothallidinae recorded for Colombia; information such as basionym, synonyms, original collection (type), specimen vouchers and/or literature citations, distribution by department and notes recording illustrations sources are included.

When it was possible, the source space included sources of information for the species, for example, recent publications proposing taxonomical changes. The notes space included miscellaneous information like literature citations where illustration of the taxon can be found; or in the cases when the synonyms could not be verified, the source was written there, indicating that the information has not been reconfirmed.

When the voucher specimens had two elevation sources, the average was calculated to facilitate the analysis of the data by elevation and the elaboration of charts. In cases when it was not possible to obtain information of valid vouchers, the species was treated as reported; these species are compiled in an additional list. In some specific cases, where new combinations have been proposed (i.e. *Acronia*, *Specklinia*, *Brachycladium*, among others) recently by Luer (2005), the possible new genus was located in parenthesis before the epithet.

Since the taxonomy of the subtribe is still subject to discussion, and because in the last few years different proposals to change names have been raised (Luer 2004, 2005; Pridgeon et al. 2001), it is not possible to follow just one nomenclature system. We tried to keep the accepted names for the Monocot Checklist.

RESULTS

The Pleurothallidinae subtribe is represented in Colombia with 1112 species grouped in 25 genera (TABLE 1) which make up around 33% of the Colombian orchids. Another 41 species

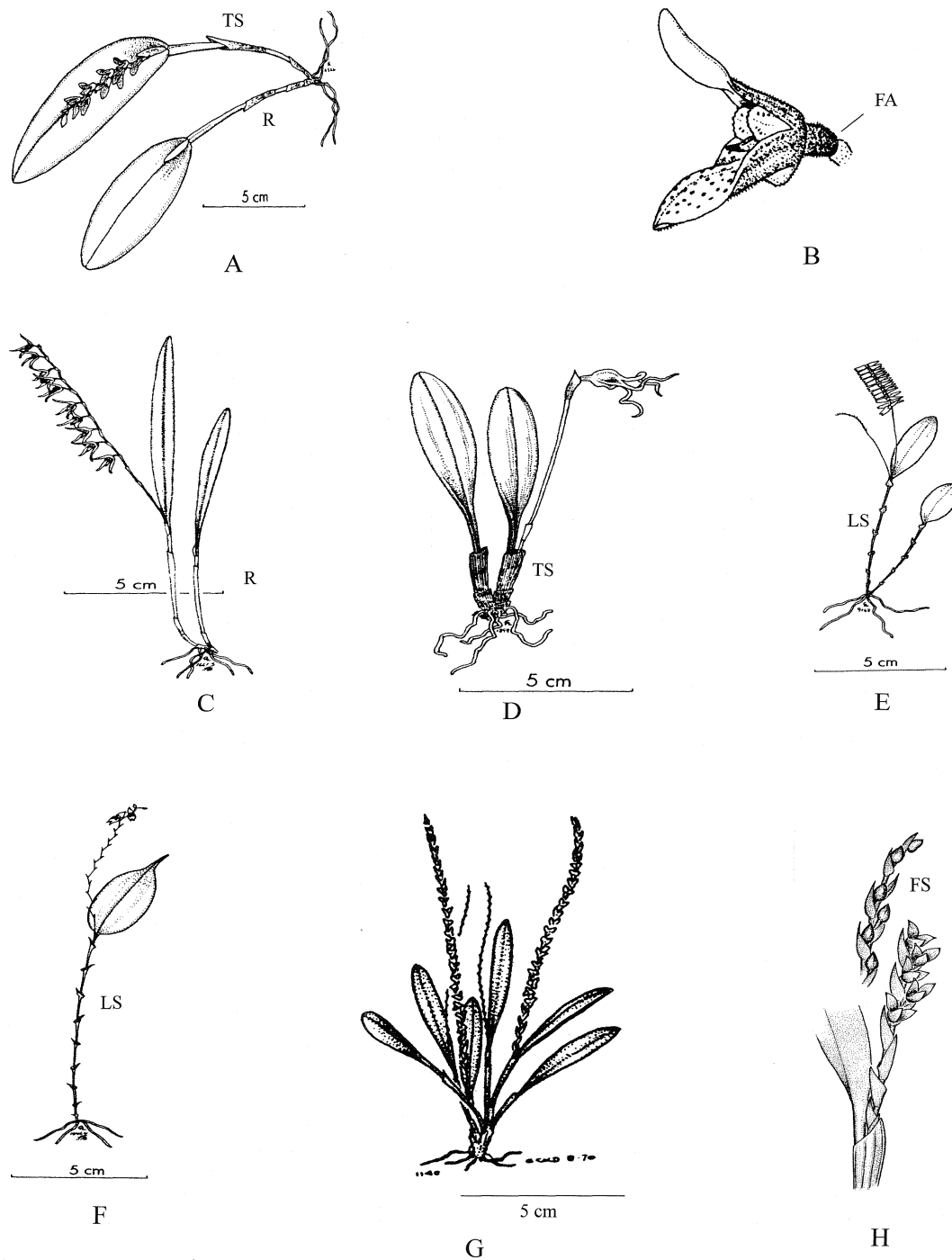


FIGURE 3. Plant variation in Pleurothallidinae. **A, B.** *Pleurothallis pubescens*. **C.** *Pleurothallis stenophylla*. **D.** *Masdevallia caudivolvula*. **E.** *Lpanthopsis floripecten*. **F.** *Lpanthes biloba*. **G, H.** *Stelis spathulata*. Credits: A–F from *Icones Pleurothallidarum* (VII, VIII, X, XIV, XVII, XXV, XXVI); G & H from Dunsterville & Garay (1972). Abbreviations: TS = Tubular sheaths, S = Spathe, R = Ramicaul, FA = ovary-pedicel articulation, LS = Lpanthiform sheaths, FS = floral sheaths.

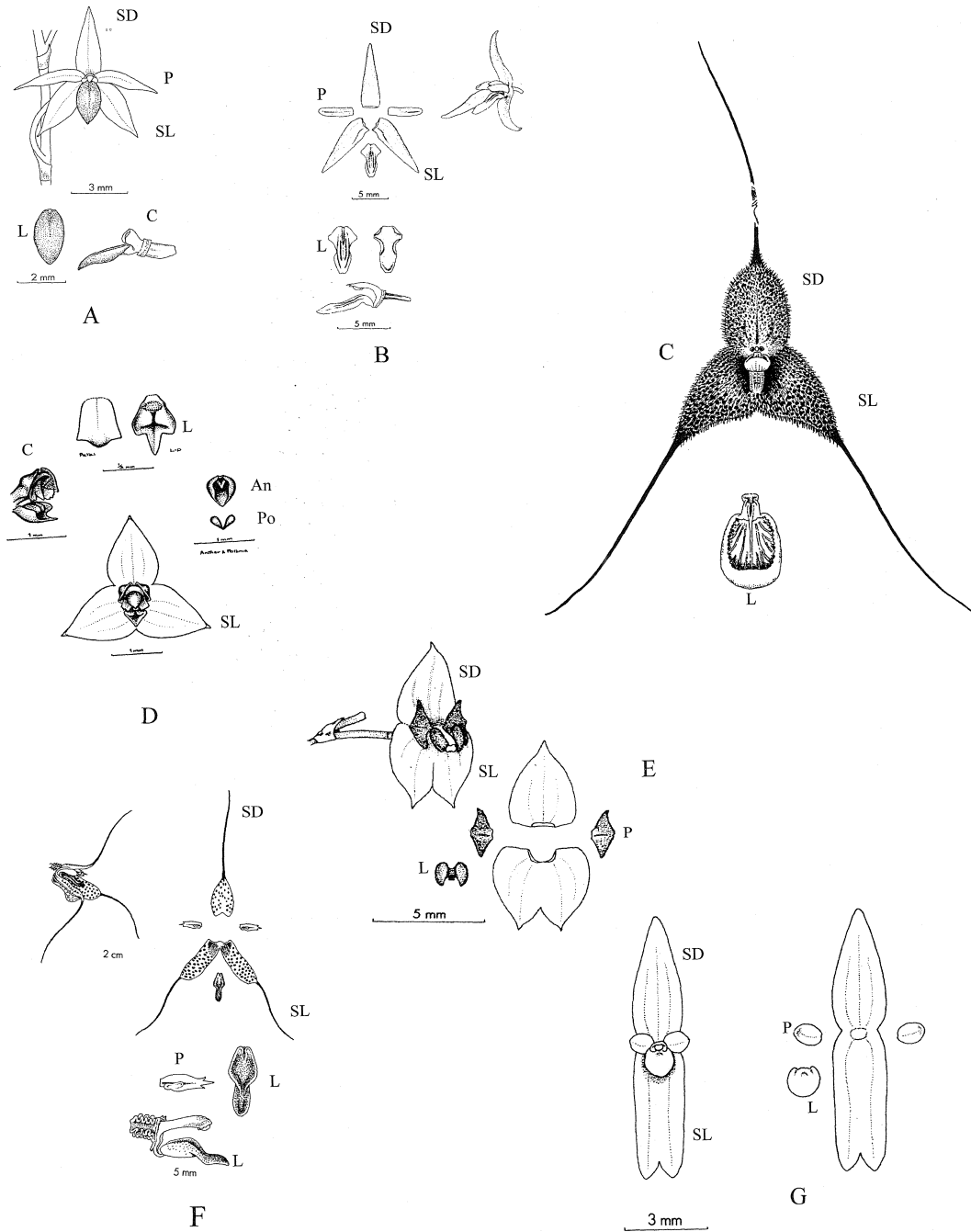


FIGURE 4. Floral diversity in Pleurothallidinae. **A.** *Platystele consobrina*. **B.** *Pleurothallis stenophylla*. **C.** *Dracula chimarea*. **D.** *Stelis spathulata*. **E.** *Lepanthes biloba*. **F.** *Masdevallia picturata*. **G.** *Lepanthis floripecten*. Credits: A–C, E–G from *Icones Pleurothallidarum* (VII, VIII, X, XIV, XVIII, XXV); D from Duns-terville & Garay (1972). Abbreviations: SD = dorsal sepal, SL = lateral sepals, C = column, L = lip, An = anther, Po = pollinia.

TABLE 1. Total number of species recorded per genus and number of species recorded in four Andean countries.

| Genera | Total species | Species | | Species | |
|----------------------|---------------|----------|-----------------|---------|--------------|
| | | Colombia | Species Bolivia | Ecuador | Species Peru |
| <i>Acostaea</i> | 4 | 4 | 0 | 3 | 0 |
| <i>Barbosella</i> | 21 | 5 | 3 | 4 | 2 |
| <i>Brachionidium</i> | 64 | 11 | 6 | 23 | 2 |
| <i>Draconanthes</i> | 2 | 1 | 1 | 2 | 0 |
| <i>Dracula</i> | 100 | 73 | 0 | 42 | 1 |
| <i>Dresslerella</i> | 8 | 2 | 0 | 5 | 0 |
| <i>Dryadlola</i> | 51 | 13 | 3 | 14 | 2 |
| <i>Fronitaria</i> | 1 | 1 | 1 | 1 | 1 |
| <i>Lepanthes</i> | ~800 | 278 | 63 | 314 | 19 |
| <i>Lepanthopsis</i> | 37 | 11 | 3 | 11 | 3 |
| <i>Masdevallia</i> | 400 | 148 | 49 | 226 | 103 |
| <i>Myoxanthus</i> | 47 | 14 | 7 | 26 | 14 |
| <i>Octomeria</i> | 150 | 11 | 6 | 17 | 6 |
| <i>Ophidion</i> | 4 | 3 | 1 | 2 | 1 |
| <i>Platystele</i> | 73 | 35 | 6 | 51 | 6 |
| <i>Pleurothallis</i> | ~2000 | 275 | 130 | 472 | 131 |
| <i>Porroglossum</i> | 25 | 9 | 1 | 23 | 4 |
| <i>Restrepia</i> | 48 | 27 | 2 | 21 | 2 |
| <i>Restrepiopsis</i> | 15 | 10 | 1 | 8 | 1 |
| <i>Scaphosepalum</i> | 30 | 18 | 2 | 33 | 1 |
| <i>Stelis</i> | 320 | 117 | 59 | 428 | 92 |
| <i>Teagueia</i> | 32 | 3 | 0 | 29 | 0 |
| <i>Trichosalpinx</i> | 108 | 32 | 23 | 46 | 9 |
| <i>Trisetella</i> | 20 | 5 | 2 | 18 | 4 |
| <i>Zootrophion</i> | 18 | 8 | 2 | 9 | 2 |

have been reported, but it is still not clear if they really grow in the country (see list of reported species). However, these numbers are considered preliminary; many of the synonyms here listed have not been carefully confirmed by the authors. It is necessary to produce a more comprehensive long term revision of the Colombian collections, which includes visits to the herbaria, field work, and analysis of type specimens to improve this information.

So far the largest concentration of species has been reported from Departments located in the Andean Region (FIGURE 5), such as Antioquia, Cauca, Cundinamarca, Nariño and Norte de Santander. It was hoped that this region would show high species-richness because the three large ranges (Western, Central, and Eastern) of the Colombian Andes present a wide range of elevations.

As a consequence of this, many local climatic events take place in an isolated manner, i.e., mist in the river basins, winds, rainy seasons at different times, among others. All these local events finally contribute to the presence of highly variable climatic conditions, and consequently, to the existence of many different kinds of ecosystems with high levels of diversity.

Parts of Nariño, Cauca, and Antioquia converge in the Chocó Region, the name given to the area of confluence between the Cordillera Occidental and the Pacific coast (FIGURE 1); this region is recognized because of its high levels of precipitation, humidity and plant diversity. The Chocó Department is included in this zone, and naturally displays also high richness of Pleurothallidinae species (FIGURE 5).

When the number of species per elevation range was analyzed (FIGURE 6), it was found that most of the species are distributed between 1000 and 3000 m, with a richness peak between 2000–2500 m. These elevations are found primarily in the Andean region; therefore, the elevation data also support the highest richness of Pleurothallidinae in this zone. In this elevation range the major ecosystem is the cloud forest, which is characterized by high humidity levels and high abundance of mosses and lichens, which together form an ideal habitat for these sorts of orchids.

It is necessary to make clear that some of the data could be biased, because some Departments have been highly sampled, as for example Antioquia, Cauca and Norte de Santander; while in many others the field work has been less intensive. In addition, it was found that many collections do not have collection data, which negatively impacted the calculation of the distribution.

Unfortunately, the Colombian exploration work has decreased notably in the last two decades, due to the security problem in the country, which has had a negative effect on the study of Colombian flora. Therefore, the increase in the scientific visits would modify the results here presented because it is possible that many of the species overlap in the different regions, and also many new species could be described from different regions.

Considering our present data, *Lepanthes* and *Pleurothallis* correspond to the genera with the largest number of species (TABLE 1), with more than 270 species each. Just these two genera represent around 50% of the total richness of Pleurothallidinae in Colombia (FIGURE 7). *Masdevallia* and *Stelis* also show high richness. *Masdevallia* is represented by 148 species and *Stelis* by 117. Since these four genera are the most diversified in the subtribe, these values seem reasonable.

These data are close to those reported from Ecuador (Dodson 2005), which show that of the 13 largest genera of the Ecuadorian orchids, seven belong to Pleurothallidinae; and the subtribe makes up more than 51% of the Ecuadorian orchids. The genera with the largest number of species are also *Pleurothallis* represented by 473

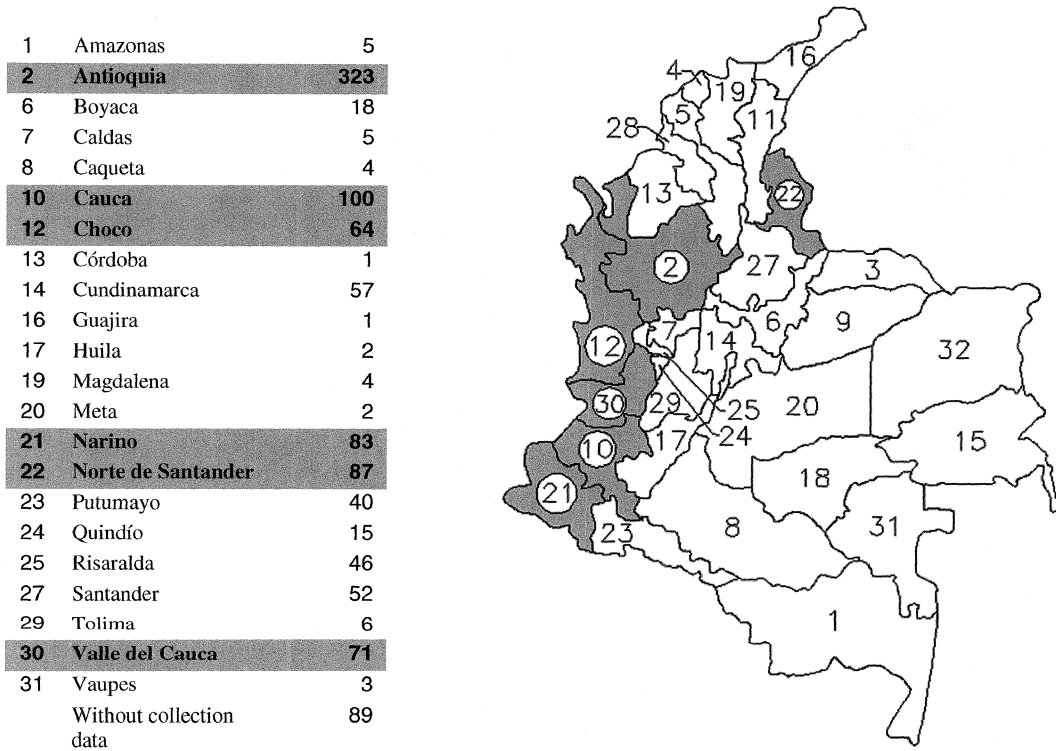


FIGURE 5. Estimated number of species by Department and location of regions in Colombia with the highest number of pleurothallid species.

species, *Lepanthes* by 336, *Masdevallia* by 226, and *Stelis* by 458 species. Colombian orchids, however, need to be studied in more detail before more detailed comparisons can be made.

Vasquez and Ibisch (2000) studied the Pleu-

rothallidinae from Bolivia. They recorded 371 species belonging to 21 genera. They also found that *Pleurothallis*, *Lepanthes*, *Stelis*, and *Masdevallia* were the most diverse genera in this part of the continent. They also reported data

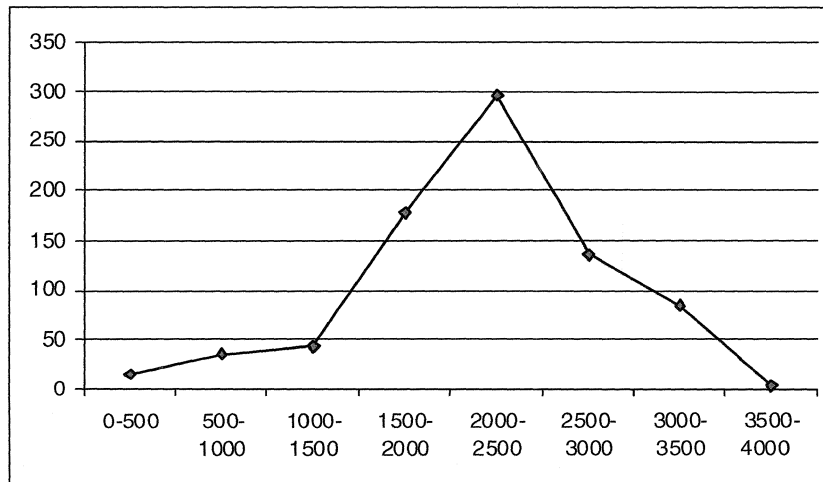


FIGURE 6. Number of pleurothallid species recorded per elevation range.

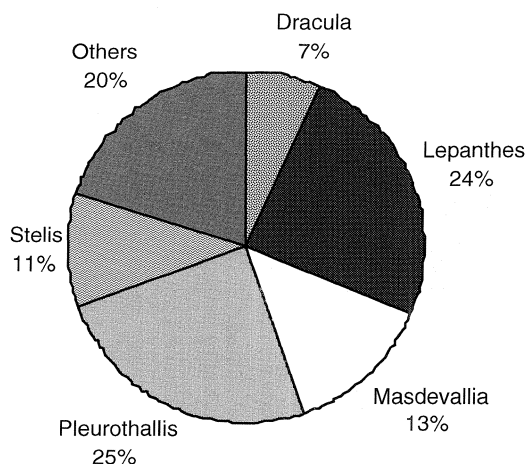


FIGURE 7. Pleurothallidinae genera with the largest number of species in Colombia; other genera contain fewer than 50 species.

from Peru, where *Pleurothallis*, *Masdevallia* and *Stelis* are very diverse, but *Lepanthes* is represented by only 19 species. In Bolivia 28% of the orchids correspond to Pleurothallidinae, and in Peru 25% are also of this subtribe (FIGURE 8).

Dracula has not been reported from Bolivia, and Peru has just two species. As reported by Luer (1993), the greatest concentration of species occurs on the forested slopes of northwestern Ecuador and in the Western and Central cordilleras of Colombia. In fact, in Colombia 73 species have been found, and 42 have been recorded from Ecuador.

The number of species estimated for the 25 genera of Pleurothallidinae represented in Colombia, as well as the number of species recorded for Ecuador, Bolivia and Peru, can be observed in TABLE 1. These data seem to agree with the suggestions of several authors (Luer 1986–2005, Pridgeon et al. 2005), who propose that the most species-rich regions are the Andes of Colombia, Ecuador, and Peru.

Ecuador has the highest diversity of Pleurothallidinae, Colombia is second, and Peru and Bolivia are third and fourth respectively. At the same time, the percentage of Pleurothallidinae with respect to all the orchids recorded from these countries is comparatively high for each country (FIGURE 8).

The large richness of species recorded from the north part of South America represents an opportunity to carry out research, and in so doing, to answer questions about evolution, ecology and phylogeny. According to Dressler (1993), "The Orchidaceae have all the earmarks of a group in active evolution; species, genera,

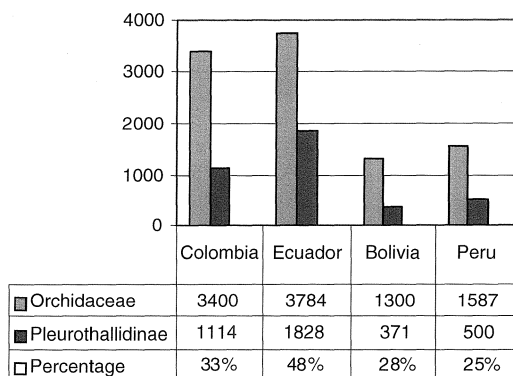


FIGURE 8. Ratio of Pleurothallidinae in relation to the species of Orchidaceae recorded for Colombia, Ecuador, Bolivia, and Peru. Note: The percentage corresponds to the number of Pleurothallidinae in relation to the total number of Orchidaceae recorded for each country.

tribes and subtribes are all difficult to delimit. It is an excellent group for studying evolution."

The Pleurothallidinae subtribe is perhaps one of the clearest examples of this radiation, since just for *Pleurothallis*, 2000 species have been estimated. At the same time, the genus has been constantly divided into subgenera and many of these subgenera into sections, because due to its high variability, subdivision has been the more practical way to study it. *Pleurothallis* could be considered then as a group in constant change, which could be still in active evolution.

To further illustrate this idea, consider the genus *Teagueia*. Jost (2000) recorded 26 new species of this genus from the Pastaza watershed in Ecuador. Prior to his work, only six species of *Teagueia* were known. All the species were found growing on four adjacent mountains 10–12 km apart. By means of this discovery, Jost suggests that the 26 new species probably evolved from a common ancestor and also that it seems likely of recent origin.

Could similar settings be occurring for most Pleurothallidinae species and thus rendering the subtribe excessively diverse? To answer this question, scientists will need to consider the Pleurothallidinae subtribe as a conservation priority for its valuable contribution to the diversity of Andean ecosystems.

Genera such as *Pleurothallis*, *Lepanthes*, *Stelis*, and *Masdevallia* merit special attention from the authorities in Andean countries, because of the extraordinary diversity of these genera in the region and the percentage that they represent of local floras.

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APPENDIX

Checklist of Colombian Pleurothallidinae

- Acostaea campyloyle** Ortiz, Orquideologia 13: 240. 1979. Synonym(s): *Specklinia campyloyle* (P.Ortiz) Pridgeon & M.W.Chase. Department(s): Valle del Cauca. Elevation: 1550 m. Type: *P. Ortiz & S. Restrepo 247* (COL): Colombia. Source: Tropicos database. Notes: Ibid. p. 241.
- Acostaea costaricensis** Schltr. ssp. **colombiana** (Garay) Luer, Monogr. Syst. Bot. Missouri Bot. Gard. 24: 10. 1987. Synonym(s): *Acostaea colombiana* Garay. Department(s): Antioquia. Elevation: 2000 m. Type: *O. J. Arango s.n.* (AMES): Colombia. Notes: Ibid. p. 11.
- Acostaea costaricensis** Schltr., ssp. **costaricensis**, Monogr. Syst. Bot. Missouri Bot. Gard. 24: 12. 1987. Synonym(s): *Acostaea pleurothalloides* Schltr., *Acostaea grandulata* P.Ortiz. Department(s): Antioquia. Elevation: 1800 m. Type: *G. Acosta s.n.* (B?): Costa Rica. Voucher: *P. Ortiz V. 892* (COL). Source: Monogr. Syst. Bot. Missouri Bot. Gard. 24: 12. 1987. Notes: Ibid. p. 13.
- Acostaea tenax** Luer & Escobar, Orquideologia 15: 123. 1982. Department(s): Santander. Elevation: 2700 m. Type: *C. Luer & R. Escobar 6603* (SEL): Colombia. Voucher: *C. Luer, J. Luer, R. Escobar & E. Valencia 10200* (MO). Source: Monogr. Syst. Bot. Missouri Bot. Gard. 24: 16. Notes: Ibid. p. 124; Monogr. Syst. Bot. Missouri Bot. Gard. 24: 17.
- Acronia escobarii** Luer, Monogr. Syst. Bot. Missouri Bot. Gard. 103: 132. 2005. Department(s): without data. Elevation: without data. Type: *R. Escobar 8304* (MO): Colombia. Notes: Ibid. p. 232.
- Acronia fonnegrae** Luer & Endara, Monogr. Syst. Bot. Missouri Bot. Gard. 103: 135. 2005. Department(s): Antioquia. Elevation: 1900 m. Type: *R. fonnegra 3496* (HUA). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 103: 233.
- Acronia lacera** (Luer) Luer, Monogr. Syst. Bot. Missouri Bot. Gard. 103: 148. 2005. Department(s): Nariño. Elevation: 2600 m. Type: *C. Luer et al. 550* (SEL): Ecuador. Voucher: *F.C. Lehmann 6283* (K). Notes: Ibid. p. 239.
- Barbosella cucullata** (Lindl.) Schltr., Feddes Repert. 15: 261. 1918. Basionym: *Restrepia cucullata* Lindl. Synonym(s): *Restrepia rhynchantha* Rchb.f. & Warsz., *Restrepia varicosa* Lindl., *Masdevallia longiflora* Kraeznl., *Restrepia antennifera* H.B.K. var. *angustifolia* Kraeznl., *Barbosella rhynchantha* (Rchb.f. & Warsz.) Schltr. Department(s): Cauca. Elevation: 2600 m. Type: *Hartweg 1430* (K): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 79: 16. Notes: (Monogr. Syst. Bot. Missouri Bot. Gard. 79:31).
- Barbosella dolichorhiza** Schltr., Feddes Repert. Beih. 7: 117. 1920. Synonym(s): *Masdevallia anaristella* Kraenzl., *Barbosella anaristella* (Kraenzl.) Garay, *Barbosella bradeorum* Schltr., *Pleurothallis bradeorum* (Schltr.) Ames, Hubbard & Schweinf, *Pleurothallis anaristhella* (Kraenzl.) L.O. Williams. Department(s): Cauca. Elevation: Without data. Type: *M. Madero s.n.* (B, destroyed): Colombia. Voucher: *Luer 16607* (MO). Source: Monogr. Syst. Bot. Missouri Bot. Gard. 79: 18. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 79: 32.
- Barbosella fuscata** Garay, Orquideología 4: 153. 1969. Department(s): Risaralda, Antioquia. Elevation: 2500 m. Type: *G. Escobar 417* (AMES): Colombia. Notes: Ibid. p. 156; Monogr. Syst. Bot. Missouri Bot. Gard. 79: 32.
- Barbosella prorepens** (Rchb.f.) Schltr., Feddes Repert. 15: 263. 1918. Basionym: *Restrepia prorepens* Rchb.f. Synonym(s): *Pleurothallis dussii* Cogn., *Barbosella brenesii* Schltr., *Pleurothallis monstrabilis* Ames, *Restrepia caespitica* F. Lehm. & Kraenzl., *Restrepia tolimensis* Kraenzl., *Pleurothallis prorepens* (Rchb.f.) Ames, *Barbosella caespitica* (F. Lehm. & Kraenzl.) Garay. Department(s): Cundinamarca. Elevation: 2700 m. Type: *Endres 2618* (W): Costa Rica. Voucher: *C. Luer et al. 10381* (MO). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 79: 34.
- Barbosella schista** Luer & Escobar, Orquideologia 16: 7.1983. Department(s): Norte de Santander. Elevation: 2750 m. Type: *C. Luer et al. 7751* (SEL): Colombia. Notes: Ibid. p. 9; Monogr. Syst. Bot. Missouri Bot. Gard. 79: 34.
- Brachionidium brachycladum** Luer & Escobar, Orquideologia 16(3): 33. 1986. Department(s): Antioquia. Elevation: 2050 m. Type: *C. Luer et al. 8946* (SEL): Colombia. Notes: Ibid. p. 134.
- Brachionidium escobarii** Luer, Lindleyana 1(3): 172. 1986. Department(s): Nariño. Elevation: 3200 m. Type: *C. Luer et al. 3059* (MO): Colombia. Notes: Ibid. p. 173.
- Brachionidium filamentosum** Luer & Firtz, Monogr. Syst. Bot. Missouri Bot. Gard. 57: 50. 1995. Department(s): Chocó. Elevation:

- 2150 m. Type: *C. Luer et al. 15563* (MO); Ecuador. Voucher: *R. L. Hartman 12434* (MO). Notes: *Ibid.* p. 51.
- Brachionidium fornicatum** Luer & Hirtz, *Monogr. Syst. Bot. Missouri Bot. Gard.* 57: 54. 1995. Department(s): Nariño. Elevation: 3000 m. Type: *A. Hirtz 6030* (MO); Ecuador. Voucher: *C. Luer et al. 4667* (SEL). Notes: *Ibid.* p. 55.
- Brachionidium imperiale** Luer & Escobar, *Monogr. Syst. Bot. Missouri Bot. Gard.* 57: 64. 1995. Department(s): Valle del Cauca. Elevation: 3000 m. Type: *C. Luer et al. 16799* (MO); Colombia. Notes: *Ibid.* p. 65.
- Brachionidium meridense** Garay, *Canad. J. Bot.* 34: 736. 1956. Department(s): Santander. Elevation: 3000 m. Type: *J. Renz* (Herb. J. Renz); Venezuela. Voucher: *Luer et al. 10194* (MO). Notes: *Monogr. Syst. Bot. Missouri Bot. Gard.* 57: 81.
- Brachionidium parvifolium** (Lindl.) Lindl., *Fol. Orch. Brachion.* 1. 1859. Basionym: *Restrepia parvifolia* Lindl. Department(s): Tolima. Elevation: 3660 m. Type: *J. Lindley 1278* (K); Colombia. Notes: *Monogr. Syst. Bot. Missouri Bot. Gard.* 57: 89.
- Brachionidium phalangiferum** Garay, *Canad. J. Bot.* 34: 738. 1956. Department(s): Norte de Santander. Elevation: 2600 m. Type: *J. Renz 6106* (Herb. J. Renz); Venezuela. Voucher: *C. Luer et al. 7968* (SEL). Notes: *Monogr. Syst. Bot. Missouri Bot. Gard.* 57: 95.
- Brachionidium puraceense** Luer, *Monogr. Syst. Bot. Missouri Bot. Gard.* 57: 104. 1995. Department(s): Valle del Cauca. Elevation: 3300 m. Type: *G. Lozano et al. 4697* (COL); Colombia. Notes: *Ibid.* p. 105.
- Brachionidium tetrapetalum** (F. Lehm. & Kraenzl.) Schltr., *Feddes Repert. Beih.* 7: 241. 1920. Basionym: *Pleurothallis tetrapetala* F. Lehm. & Kraenzl. Department(s): Nariño. Elevation: 3300 m. Type: *F. C. Lehmann 347* (K); Colombia. Notes: *Monogr. Syst. Bot. Missouri Bot. Gard.* 57: 125.
- Brachionidium tuberculatum** Lindl., *Fol. Orch. Brachion.* 1. 1859. Synonym(s): *Brachionidium concolor* Lindl., *Brachionidium floribundum* Garay, *Brachionidium steyermarkii* Foldats, Department(s): Cundinamarca. Elevation: 2850 m. Type: *L. Schlim 1558* (K); Venezuela. Voucher: *C. Luer et al. 10384* (MO). Notes: *Monogr. Syst. Bot. Missouri Bot. Gard.* 57: 126.
- Draconanthes aberrans** (Schltr.) Luer, *Monogr. Syst. Bot. Missouri Bot. Gard.* 61: 3. 1996. Basionym: *Lepanthes aberrans* Schltr. Synonym(s): *Lepanthes trachysepala* Schltr., *Lepanthes prionota* Luer & Hirtz. Department(s): Quindío. Elevation: 3300 m. Type: *A. Sodiro 21* (Holotype destroyed at B); *Hirtz 1056* (Lectotype, MO); Ecuador. Voucher: *C. Luer et al. 16752* (MO). Notes: *Ibid.* p. 4.
- Dracula adrianae** Luer, *Monogr. Syst. Bot. Missouri Bot. Gard.* 72: 103. 1998. Department(s): Without data. Elevation: Without data. Type: *Ton Sijm 20898* (MO); Colombia. Notes: *Ibid.* p. 105.
- Dracula alcithoe** Luer & Escobar, *Orquideologia* 15: 3. 1981. Department(s): Putumayo. Elevation: 2500 m. Type: *Hermano Octavio Ospina s.n.* (JAUM); Colombia. Notes: *Ibid.* p. 4.
- Dracula amaliae** Luer & Escobar, *Orquideologia* 13 (1): 5. 1979. Department(s): Cauca. Elevation: Without data. Type: *R. Escobar 1746* (JAUM); Colombia. Notes: *Ibid.* p. 6.
- Dracula andreetae** (Luer) Luer, *Selbyana* 2: 193. 1978. Basionym: *Masdevallia andreetae* Luer. Department(s): Valle del Cauca. Elevation: 2200 m. Type: *C. Luer 1687* (SEL); Ecuador. Voucher: *C. Luer 13139* (MO). Notes: *Orq. Nat. Col.* 1 fig. 122.
- Dracula anicula** Luer & Escobar, *Orquideologia* 15 (1): 6. 1981. Department(s): Antioquia. Elevation: 2000 m. Type: *R. Escobar 1270* (JAUM); Colombia. Notes: *Orq. Nat. Col.* 5 fig. 817.
- Dracula anthracina** Luer & Escobar, *Selbyana* 7: 64. 1982. Department(s): Without data. Elevation: Without data. Type: *C. Luer 3457* (SEL); Colombia. Notes: *Monogr. Syst. Bot. Missouri Bot. Gard.* 46: 33.
- Dracula antonii** Luer, *Monogr. Syst. Bot. Missouri Bot. Gard.* 88: 98. 2002. Department(s): Without data. Elevation: Without data. Type: *A. P. Sijm s.n.* (MO); Colombia. Notes: *Monogr. Syst. Bot. Missouri Bot. Gard.* 88: 115.
- Dracula aphrodes** Luer & Escobar, *Amer. Orch. Soc. Bull.* 58: 1002. 1989. Department(s): Valle del Cauca. Elevation: 1850 m. Type: *R. Escobar 3978* (JAUM); Colombia. Notes: *Monogr. Syst. Bot. Missouri Bot. Gard.* 46: 34.
- Dracula bella** (Rchb.f.) Luer, *Selbyana* 2: 194. 1978. Basionym: *Masdevallia bella* Rchb.f. Department(s): Antioquia. Elevation: 2440 m. Type: *G. Wallis 218* (W); Colombia. Notes: *Monogr. Syst. Bot. Missouri Bot. Gard.* 46: 39.
- Dracula bellerophon** Luer & Escobar, *Orquideologia* 13: 9. 1979. Department(s): Valle del Cauca. Elevation: 1900 m. Type: *C. Luer 2894* (JAUM); Colombia?. Voucher: *C. Luer 13209* (MO). Notes: *Orq. Nat. Col.*

- 5 fig. 827; Type collection data not confirmed.
- Dracula benedicti** (Rchb.f.) Luer, Selbyana 2: 194. 1978. Basionym: *Masdevallia benedictii* Rchb.f. Synonym(s): *Masdevallia troglodytes* Morren, *Dracula troglodytes* (Morren) Luer, *Dracula hubeinii* Luer. Department(s): Antioquia. Elevation: Without data. Type: *B. Roetzl s.n.* (W): Colombia. Notes: Orq. Nat. Col. 1 fig. 139.
- Dracula berthae** Luer & Escobar, Orquideologia 13: 115. 1979. Department(s): Boyacá. Elevation: 2450 m. Type: *R. Escobar 1817* (JAUM): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 46: 45.
- Dracula brangeri** Luer, Orchideeën 48: 47. 1986. Department(s): Without data. Elevation: Without data. Type: *C. Luer 11430* (MO): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 46: 47.
- Dracula carcinopsis** Luer & Escobar, Amer. Orch. Soc. Bull. 58: 1003. 1989. Department(s): Valle del Cauca. Elevation: 1900 m. Type: *R. Escobar 4004* (JAUM): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 46: 49.
- Dracula chestertonii** (Rchb.f.) Luer, Selbyana 2: 194. 1978. Basionym: *Masdevallia chestertonii* Rchb.f. Synonym(s): *Masdevallia macrochila* Regel. Department(s): Valle del Cauca. Elevation: 2000 m. Type: *J. H. Chesterton s.n.* (W): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 46: 51.
- Dracula chimaera** (Rchb.f.) Luer, Selbyana 2: 194. 1978. Basionym: *Masdevallia chimaera* Rchb.f. Synonym(s): *Masdevallia backhousiana* Rchb.f., *Masdevallia wallisii* Rchb.f. var. *stupenda* Rchb.f., *Masdevallia senilis* Rchb.f. Department(s): Without data. Elevation: Without data. Type: *B. Roetzl s.n.* (W): Colombia. Notes: Orq. Nat. Col. 1 fig. 123; Monogr. Syst. Bot. Missouri Bot. Gard. 46: 53.
- Dracula chiroptera** Luer & Malo, Selbyana 2: 367. 1978. Department(s): Nariño. Elevation: 1750 m. Type: *C. Luer 1759* (SEL): Ecuador. Voucher: *C. Luer 6028* (SEL). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 46: 57.
- Dracula circe** Luer & Escobar, Orquideologia 15: 11. 1981. Department(s): Antioquia. Elevation: 1850 m. Type: *R. Escobar 1883* (JAUM): Colombia. Notes: Ibid; possibly a hybrid.
- Dracula citrina** Luer & Escobar, Selbyana 7(1): 64. 1982. Department(s): Antioquia. Elevation: 2000 m. Type: *C. Luer 6545* (SEL): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 46: 61.
- Dracula cochliops** Luer & Escobar, Orquideologia 13: 119. 1979. Department(s): Putumayo. Elevation: 2200 m. Type: *C. Luer et al. 3127* (JAUM): Colombia. Notes: Ibid. p. 120.
- Dracula cutis-bufonis** Luer & Escobar, Orquideologia 13: 13. 1979. Department(s): Antioquia. Elevation: 2050 m. Type: *R. Escobar et al. 1377* (JAUM): Colombia. Notes: Ibid. p. 14.
- Dracula decussata** Luer & Escobar, Orquideologia 13: 18. 1978. Synonym(s): *Dracula niesseniae* P. Ortiz. Department(s): Chocó. Elevation: Without data. Type: *R. Escobar 1818* (JAUM): Colombia. Notes: Ibid. p. 20.
- Dracula diabola** Luer & Escobar, Orquideologia 13: 124. 1979. Department(s): Boyacá. Elevation: 2400 m. Type: *R. Escobar 1864* (JAUM): Colombia. Notes: Ibid. p. 126.
- Dracula diana** Luer & Escobar, Orquideologia 15: 15. 1981. Department(s): Without data. Elevation: Without data. Type: *R. Escobar 1882* (JAUM): Colombia. Notes: Orq. Nat. Col. 5 fig. 824; Monogr. Syst. Bot. Missouri Bot. Gard. 46: 79.
- Dracula exasperata** Luer & Escobar, Amer. Orch. Soc. Bull. 58: 1005. 1989. Department(s): Putumayo. Elevation: 1800 m. Type: *C. Luer 13185* (MO): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 46: 84.
- Dracula felix** (Luer) Luer, Selbyana 2: 195. 1978. Basionym: *Masdevallia felix* Luer. Department(s): Nariño. Elevation: 1500 m. Type: *C. Luer 2285* (SEL): Ecuador. Voucher: *R. Escobar 4051* (JAUM). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 46: 89.
- Dracula gigas** (Luer & Andreetta) Luer, Selbyana 2: 195. 1978. Basionym: *Masdevallia gigas* Luer & Andreetta. Department(s): Valle del Cauca. Elevation: 1850 m. Type: *C. Luer 1690* (SEL): Ecuador. Voucher: *C. Luer 13011A* (MO). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 46: 95.
- Dracula gorgona** (Veitch) Luer & Escobar, Selbyana 2: 195. 1978. Basionym: *Masdevallia gorgona* hort. ex Veitch. Synonym(s): *Masdevallia chimarea* Rchb.f. var. *gorgona* Veitch. Department(s): Chocó. Elevation: 2200 m. Type: *C. Luer 13162* (MO): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 46: 97.
- Dracula gorgonella** Luer & Escobar, Orquideologia 15: 19. 1981. Department(s): Antioquia. Elevation: 1900 m. Type: *R. Escobar*

- 1824 (JAUM): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 46: 99.
- Dracula hirtzii** Luer, Orchid Digest 43: 38. 1979. Department(s): Nariño. Elevation: 1800 m. Type: *C. Luer 2596* (SEL); Ecuador. Voucher: *C. Luer 12513* (MO). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 46: 105.
- Dracula houtteana** (Rchb.f.) Luer, Selbyana 2: 195. 1978. Basionym: *Masdevallia houtteana* Rchb.f. Synonym(s): *Masdevallia callifera* Schltr., *Masdevallia carderiopsis* Kraenzl., *Masdevallia carderi* var. *mosquerae* F. Lehm. & Kraenzl., *Masdevallia mosquerae* F. Lehm. & Kraenzl., *Dracula califera* (Schltr.) Luer, *Dracula carderiopsis* (Kraenzl.) Luer, *Dracula mosquerae* (F. Lehm. & Kraenzl.) Luer. Department(s): Antioquia. Elevation: 2440 m. Type: *G. Wallis 314* (W); Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 46: 107.
- Dracula inaequalis** (Rchb.f.) Luer & Escobar, Selbyana 7: 65. 1982. Basionym: *Masdevallia inaequalis* Rchb.f. Synonym(s): *Masdevallia carderi* Rchb.f., *Dracula carderi* (Rchb.f.) Luer. Department(s): Antioquia. Elevation: Without data. Type: *Mr. Williams s.n.* (W); Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 46: 111.
- Dracula incognita** Luer & Escobar, Amer. Orch. Soc. Bull. 58: 1006. 1989. Department(s): Antioquia. Elevation: Without data. Type: *R. Escobar 4008* (JAUM); Colombia. Notes: Orq. Nat. Col. 1 fig. 132.
- Dracula insolita** Luer & Escobar, Amer. Orch. Soc. Bull. 58: 1007. 1989. Department(s): Valle del Cauca. Elevation: 1850 m. Type: *R. Escobar 3992* (JAUM); Colombia. Notes: Orq. Nat. Col. 1 fig. 153.
- Dracula iricolor** (Rchb.f.) Luer & Escobar, Selbyana 7: 65. 1982. Basionym: *Masdevallia tricolor* Rchb.f. Synonym(s): *Masdevallia trichroma* Schltr., *Masdevallia quilichaoensis* F. Lehm. & Kraenzl., *Dracula quilichaoensis* (F. Lehm. & Kraenzl.) Luer. Department(s): Antioquia. Elevation: Without data. Type: *Roezl s.n.* (W); Colombia. Notes: Orq. Nat. Col. 1 fig. 135.
- Dracula lehmanniana** Luer & Escobar, Selbyana 7: 66. 1982. Department(s): Cauca. Elevation: 1800 m. Type: *C. Luer 2982* (SEL); Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 46: 123.
- Dracula lemurella** Luer & Escobar, Orquideologia 15: 23. 1981. Department(s): Antioquia. Elevation: 1650 m. Type: *R. Escobar 1540* (JAUM); Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 46: 125.
- Dracula levii** Luer, Selbyana 2: 369. 1978. Department(s): Nariño. Elevation: 1900 m. Type: *C. Luer 3455* (SEL); Ecuador. Voucher: *R. Escobar s.n.* (JAUM). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 46: 127.
- Dracula ligiae** Luer & Escobar, Amer. Orch. Soc. Bull. 58: 1008. 1989. Department(s): Antioquia. Elevation: 2050 m. Type: *R. Escobar 3979* ((JAUM)); Colombia. Voucher: *R. Escobar 703* (JAUM). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 46: 129.
- Dracula mantissa** Luer & Escobar, Amer. Orch. Soc. Bull. 48: 709. 1979. Department(s): Nariño. Elevation: 1850 m. Type: *C. Luer 3966* (SEL); Ecuador. Voucher: *R. Escobar et al. 1946* (JAUM). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 46: 135.
- Dracula minax** Luer & Escobar, Orquideologia 15: 27. 1981. Department(s): Antioquia. Elevation: Without data. Type: *R. Escobar 682* (JAUM); Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 46: 139.
- Dracula nosferatu** Luer & Escobar, Amer. Orch. Soc. Bull. 58: 1009. 1989. Department(s): Antioquia. Elevation: 2400 m. Type: *R. Escobar 3977* (JAUM); Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 46: 147.
- Dracula nycterina** (Rchb.f.) Luer, Selbyana 2: 196. 1978. Basionym: *Masdevallia nycterina* Rchb.f. Synonym(s): *Masdevallia chimarea* Linden & André. Department(s): Antioquia. Elevation: 1700 m. Type: *G. Wallis s.n.* (W); Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 46: 149.
- Dracula octavioi** Luer & Escobar, Orquideologia 13: 128. 1979. Department(s): Putumayo. Elevation: 2300 m. Type: *R. Escobar 2001* (JAUM); Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 46: 151.
- Dracula ophioceps** Luer & Escobar, Orquideologia 13: 26. 1978. Department(s): Cauca. Elevation: 1620 m. Type: *R. Escobar 1298* (JAUM); Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 46: 153.
- Dracula orientalis** Luer & Escobar, Selbyana 7: 67. 1982. Department(s): Norte de Santander. Elevation: 2050 m. Type: *C. Luer et al. 7935* (SEL); Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 46: 155.
- Dracula ortiziana** Luer & Escobar, Orquideologia 19 (1): 40. 1993. Department(s): Valle del Cauca. Elevation: 2350 m. Type: *R. Escobar 4085* (JAUM); Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 46: 157.
- Dracula pholeodytes** Luer & Escobar, Selbyana 7: 68. 1982. Department(s): Boyacá. Elevation: 2500 m. Type: *C. Luer 1976* (SEL); Colombia. Voucher: *H. Schmidtumm 117*

- (COL). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 46: 161.
- Dracula pileus** Luer & Escobar, Orquideologia 13: 132. 1979. Department(s): Without data. Elevation: Without data. Type: *R. Escobar 1880* (JAUM, Holotype; SEL, Isotype): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 46: 163; possibly a hybrid?
- Dracula platycrater** (Rchb.f.) Luer, Selbyana 2: 196. 1978. Basionym: *Masdevallia platycrater* Rchb.f. Synonym(s): *Masdevallia lowii* Rolfe, *Dracula lowii* (Rolfe) Luer. Department(s): Caldas. Elevation: 1600 m. Type: *F.C. Lehmann 3363* (W): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 46: 165.
- Dracula posadarum** Luer & Escobar, Orquideologia 15: 31. 1981. Department(s): Antioquia. Elevation: Without data. Type: *R. Escobar 1904* (JAUM): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 46: 171.
- Dracula presbys** Luer & Escobar, Monogr. Syst. Bot. Missouri Bot. Gard. 46: 172. 1993. Department(s): Antioquia. Elevation: Without data. Type: *C. Luer 14092* (SEL): Colombia. Notes: Ibid. p. 173.
- Dracula psittacina** (Rchb.f.) Luer & Escobar, Thes. Dracularum 6: 10. 1993. Basionym: *Masdevallia psittacina* Rchb.f. Department(s): Without data. Elevation: Without data. Type: *Sir Trevor Lawrence s.n.* (W): Colombia. Notes: Ibid. p. 175.
- Dracula radiosa** (Rchb.f.) Luer, Selbyana 2: 197. 1978. Basionym: *Masdevallia radiosa* Rchb.f. Synonym(s): *Masdevallia medellinensis* Kraenzl., *Dracula medellinensis* (Kraenzl.) Luer. Department(s): Antioquia. Elevation: 2440 m. Type: *G. Wallis 652* (W): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 46: 185.
- Dracula robledorum** (P. Ortiz) Luer & Escobar, Selbyana 2: 197. 1978. Basionym: *Masdevallia chimarea* var. *robledorum* P. Ortiz. Department(s): Antioquia. Elevation: 2100 m. Type: *P. Ortiz 715* (COL): Colombia. Voucher: *E. Segura s.n.* (JAUM). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 46: 191.
- Dracula roezlii** (Rchb.f.) Luer, Selbyana 2: 197. 1978. Basionym: *Masdevallia roezlii* Rchb.f. Synonym(s): *Masdevallia winniana* Rchb.f., *Masdevallia roezlii* var. *rubra* hort. ex Williams, *Masdevallia chimarea* var. *roezlii* (Rchb.f.) Veitch subvar. *rubra* Warner & Wms., *Masdevallia chimarea* var. *roezlii* (Rchb.f.) Veitch, *Masdevallia chimarea* var. *winniana* (Rchb.f.) Veitch. Department(s): Without data. Elevation: Without data. Type: *B. Roehl s.n.* (W): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 46: 193.
- Dracula sergioi** Luer & Escobar, Orquideologia 13: 35. 1978. Department(s): Antioquia. Elevation: 1950 m. Type: *R. Escobar 1402* (JAUM): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 46: 195.
- Dracula severa** (Rchb.f.) Luer, Selbyana 2: 197. 1978. Basionym: *Masdevallia severa* Rchb.f. Synonym(s): *Masdevallia spectrum* Rchb.f., *Masdevallia chimarea* var. *severa* (Rchb.f.) Veitch. Department(s): Antioquia. Elevation: Without data. Type: *Patin 10* (W): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 46: 196.
- Dracula sibundoyensis** Luer & Escobar, Orquideologia 13: 137. 1979. Department(s): Putumayo. Elevation: 2300 m. Type: *R. Escobar 2002* (JAUM): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 46: 199.
- Dracula syndactyla** Luer & Escobar, Selbyana 5: 389. 1981. Department(s): Nariño. Elevation: 1950 m. Type: *C. Luer 6313* (SEL): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 46: 205.
- Dracula trichroma** (Schltr.) Hermans, Orchid Rev. 105: 298. Basionym: *Masdevallia trichroma* Schltr. Synonym(s): *Masdevallia tricolor* Rchb.f., *Masdevallia quilichaoensis* (F. Lehm. & Kraenzl.) Luer, *Dracula quilichaoensis* (F. Lehm. & Kraenzl.) Luer, *Dracula iricolor* (Rchb.f.) Luer. Department(s): Antioquia. Elevation: Without data. Type: *Roehl s.n.* (W): Colombia. Notes: Ibid. p. 297.
- Dracula tsubotae** Luer, Monogr. Syst. Bot. Missouri Bot. Gard. 88: 102. 2002. Department(s): Nariño. Elevation: Without data. Type: *R. Barrow R08* (MO): Colombia. Voucher: *J. C. Uribe s.n.* (MO). Notes: Ibid. p. 116.
- Dracula velutina** (Rchb.f.) Luer, Selbyana 2: 198. 1978. Basionym: *Masdevallia velutina* Rchb.f. Synonym(s): *Masdevallia microglochis* Rchb.f., *Masdevallia trinema* Rchb.f., *Masdevallia lactea* Kraenzl., *Dracula lactea* (Kraenzl.) Luer, *Dracula microglochis* (Rchb.f.) Luer, *Dracula trinema* (Rchb.f.) Luer. Department(s): Antioquia. Elevation: 1220 m. Type: *G. Wallis s.n.* (W): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 46: 215.
- Dracula venefica** Luer & Escobar, Orquideologia 15: 39. 1981. Department(s): Without data. Elevation: Without data. Type: *R. Escobar 1903* (JAUM): Colombia. Voucher:

- C. Luer 13250* (MO). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 46: 217.
- Dracula venosa** (Rolfe) Luer, Selbyana 2: 198. 1978. Basionym: *Masdevallia venosa* Rolfe. Department(s): Without data. Elevation: Without data. Type: *F. Sander s.n.* (K): Colombia?. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 46: 219.
- Dracula verticulosa** Luer & Escobar, Amer. Orch. Soc. Bull. 58: 1010. 1989. Department(s): Valle del Cauca. Elevation: 1850 m. Type: *R. Escobar 4000* (JAUM): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 46: 221.
- Dracula vespertilio** (Rchb.f.) Luer, Selbyana 2: 198. 1978. Basionym: *Masdevallia vespertilio* Rchb.f. Department(s): Antioquia. Elevation: 1650 m. Type: *G. Wallis s.n.* (W): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 46: 223.
- Dracula villegasii** Koeniger, Arcula 8: 218. 1999. Department(s): Antioquia. Elevation: 1900 m. Type: *W. Koniger WK-91* (M): Colombia. Notes: Ibid. p. 219.
- Dracula vinacea** Luer & Escobar, Orquideologia 13: 39. 1978. Department(s): Boyacá. Elevation: Without data. Type: *R. Escobar 968* (JAUM): Colombia. Voucher: *C. Luer 13129* (MO). Notes: Orq. Nat. Col. 1 fig. 138; Monogr. Syst. Bot. Missouri Bot. Gard. 46: 225.
- Dracula vlad-tepes** Luer & Escobar, Orquideologia 15: 43. 1981. Department(s): Santander. Elevation: 2500 m. Type: *C. Luer 2180* (JAUM): Colombia. Voucher: *C. Luer 13143* (MO). Notes: Ibid. p. 219; Monogr. Syst. Bot. Missouri Bot. Gard. 46: 227.
- Dracula wallisii** (Rchb.f.) Luer, Selbyana 2: 198. 1978. Basionym: *Masdevallia wallisii* Rchb.f. Synonym(s): *Masdevallia chimarea* W.G. Smith, *Masdevallia chimarea* J.D. Hooker, *Masdevallia chimarea* Rchb.f. var. *wallisii* (Rchb.f.) Veitch. Department(s): Antioquia. Elevation: 2750 m. Type: *G. Wallis s.n.* (W): Colombia. Voucher: *F.C. Lehmann 3607* (G, BR, BM). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 46: 229; Orq. Nat. Col. 1 fig. 129.
- Dracula x radio-syndactyla** Luer, Selbyana 5: 389. 1981. Department(s): Nariño. Elevation: 1950 m. Type: *C. Luer 6314* (SEL): Colombia. Notes: Orq. Nat. Col. 1 fig. 129; Monogr. Syst. Bot. Missouri Bot. Gard. 46: 183.
- Dracula xenos** Luer & Escobar, Amer. Orch. Soc. Bull. 58: 1011. 1989. Department(s): Valle del Cauca. Elevation: 2000 m. Type: *C. Luer 13012* (MO): Colombia. Notes: Orq. Nat. Col. 1 fig. 133; Monogr. Syst. Bot. Missouri Bot. Gard. 46: 235.
- Dresslerella hispida** (L. O. Wms.) Luer, Selbyana 3: 4. 1976. Basionym: *Pleurothallis hispida* L.O. Wms. Department(s): Chocó. Elevation: 300 m. Type: *Allen 782* (AMES): Panama. Voucher: *C. Luer 2662* (SEL). Notes: Ibid. p. 5.
- Dresslerella stellaris** Luer & Escobar, Selbyana 2: 188. 1978. Department(s): Antioquia. Elevation: 2050 m. Type: *C. Luer 2261* (JAUM): Colombia. Notes: Ibid. p. 189; Orq. Nat. Col. 1 fig. 162.
- Dryadella cristata** Luer & Escobar, Orquideologia 15: 126. 1982. Department(s): Valle del Cauca. Elevation: Without data. Type: *R. Escobar 1981* (JAUM): Colombia. Notes: Ibid. p. 126; Orq. Nat. Col. 1 fig. 164.
- Dryadella cuspidata** Luer & Hirtz, Monogr. Syst. Bot. Missouri Bot. Gard. 76: 160. 1999. Department(s): Putumayo. Elevation: 700 m. Type: *C. Luer et al. 13977* (MO): Ecuador. Voucher: *C. Luer 2957* (SEL)
- Dryadella dodsonii** Luer, Monogr. Syst. Bot. Missouri Bot. Gard. 76: 161. 1999. Department(s): Valle del Cauca. Elevation: 50 m. Type: *C. Dodson 18798* (MO): Ecuador. Voucher: *J.T. Otero 1003* (CUVC).
- Dryadella minuscula** Luer & Escobar, Orquideologia 13: 43. 1979. Department(s): Antioquia. Elevation: 900 m. Type: *C. Luer 1919* (SEL): Colombia. Notes: Ibid. p. 44.
- Dryadella misasii** Luer & Escobar, Orquideologia 13: 141. 1979. Department(s): Chocó. Elevation: 500 m. Type: *R. Escobar 1451* (JAUM): Colombia. Notes: Ibid. p. 142.
- Dryadella odontostele** Luer, Lindleyana 11 (2): 54. 1996. Department(s): Chocó. Elevation: 75 m. Type: *A. Gentry 6178* (MO): Panamá. Voucher: *C. Luer 12905* (MO). Notes: Ibid. p. 55.
- Dryadella popayanensis** (F. Lehm. & Kraenzl.) Luer, Selbyana 2: 209. 1978. Basionym: *Masdevallia popayanensis* F. Lehm. & Kraenzl. Department(s): Cauca. Elevation: 2000 m. Type: *F.C. Lehmann 184!* (?): Colombia.
- Dryadella pusiola** (Rchb.f.) Luer, Selbyana 2: 209. 1978. Basionym: *Masdevallia pusiola* Rchb.f. Synonym(s): *Masdevallia simulatrix* F. Lehm. & Kraenzl., *Masdevallia albicans* Luer, *Masdevallia albicans* (Luer) Luer, *Dryadella dolichopoda* (Luer) Luer, *Dryadella simulatrix* (F. Lehm. & Kraenzl.) Luer, *Masdevallia dolichopoda* Luer. Department(s): Without data. Elevation: Without data. Type: *Without data* (?): Colombia. Source: Selbyana 2: 209. 1978. Notes: syn-

- onyms from Kew Monocots List, not reconfirmed.
- Dryadella rodrigoii** Luer, Monogr. Syst. Bot. Missouri Bot. Gard. 76: 163. 1999. Department(s): Cauca. Elevation: Without data. Type: *R. Escobar 1396* (SEL): Colombia.
- Dryadella simula** (Rchb.f.) Luer, Selbyana 2: 209. 1978. Basionym: *Masdevallia simula* Rchb.f. Synonym(s): *Masdevallia popayanensis* F. Lehm. & Kraenzl., *Dryadella popayanensis* (F. Lehm. & Kraenzl.) Luer. Department(s): Without data. Elevation: Without data. Type: *Without data* (?): Colombia. Source: Selbyana 2: 209. 1978. Notes: Orq. Nat. Col. 1 fig. 165; synonyms from Kew Monocots List, not reconfirmed.
- Dryadella verrucosa** Luer & Escobar, Monogr. Syst. Bot. Missouri Bot. Gard. 76: 164. 1999. Department(s): Antioquia. Elevation: 2000 m. Type: *C. Luer et al. 10091* (MO): Colombia.
- Fronitaria caulescens** (Lindl.) Luer, Monogr. Syst. Bot. Missouri Bot. Gard. 15: 29. 1986. Basionym: *Pleurothallis caulescens* Lindl. Synonym(s): *Humboldtia caulescens* (Lindl.) Kuntze, *Pleurothallis graminea* Schltr. Department(s): Antioquia. Elevation: 3040 m. Type: *Jameson s.n.* (?): Ecuador. Voucher: *R. Londoño et al. 122* (MEDEL). Source: Monogr. Syst. Bot. Missouri Bot. Gard. 15: 29. 1986. Notes: Orq. Nat. Col. 5 fig. 924.
- Lepanthes (Brachycladium) destituta** Luer & Escobar, Orquideologia 17: 179. 1988. Department(s): Norte de Santander. Elevation: 2150 m. Type: *C. Luer et al. 10342* (MO): Colombia. Notes: Ibid. p. 181.
- Lepanthes (Brachycladium) triangularis** Luer, Monogr. Syst. Bot. Missouri Bot. Gard. 52: 43. 1994. Department(s): Magdalena. Elevation: 2300 m. Type: *H.G. Barclay et al. 6809* (MO): Colombia. Notes: Ibid. p. 45.
- Lepanthes (Brachycladium) micropetala** L. O. Wms., Bot. Mus. Leaff. 9: 4. 1940. Department(s): Cauca. Elevation: 2550 m. Type: *Pennell & Killip 7331* (AMES): Colombia. Source: Protologue, Tropicos database. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 52: 25.
- Lepanthes abortiva** Luer & Escobar, Orquideologia 18: 22. 1991. Department(s): Without data. Elevation: Without data. Type: *C. Luer 14221* (MO): Colombia. Notes: Ibid. p. 23.
- Lepanthes acarina** Luer, Phytologia 54: 326. 1983. Department(s): Antioquia. Elevation: 1600 m. Type: *C. Luer et al. 4399* (SEL): Ecuador. Voucher: *C. Luer et al. 8810* (SEL). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 61: 185.
- Lepanthes aciculifolia** Luer, Orquideologia 20: 194. 1996. Department(s): Valle del Cauca?. Elevation: Without data. Type: *C. Luer 15536* (MO): Colombia?. Notes: Ibid. p. 195. Purchased in Cali.
- Lepanthes acrogenia** Luer & Escobar, Orquideologia 18: 24. 1991. Department(s): Nariño. Elevation: 1600 m. Type: *A. Hirtz et al. 4624* (SEL): Colombia. Notes: Ibid. p. 25.
- Lepanthes acutissima** Luer & Escobar, Orquideologia 19 (2): 76. 1994. Department(s): Risaralda. Elevation: 2400 m. Type: *C. Luer et al. 16831* (MO): Colombia. Notes: Ibid. p. 83.
- Lepanthes aduncata** Luer & Escobar, Orquideologia 19: 16. 1993. Department(s): Antioquia. Elevation: 2500 m. Type: *R. Escobar 4060* (JAUM): Colombia. Notes: Ibid. p. 17.
- Lepanthes affinis** Luer & Escobar, Orquideologia 17: 145. 1988. Department(s): Norte de Santander. Elevation: Without data. Type: *C. Luer et al. 10331* (MO): Colombia. Notes: Ibid. p. 147.
- Lepanthes aggeris** Luer & Escobar, Orquideologia 19: 18. 1993. Department(s): Antioquia. Elevation: 2200 m. Type: *R. Escobar 5244* (JAUM): Colombia. Notes: Ibid. p. 17.
- Lepanthes agglutinata** Luer, Phytologia 54 (5): 327. 1983. Synonym(s): *Lepanthes porphyrea* Luer & Escobar. Department(s): Valle del Cauca. Elevation: 50 m. Type: *D. D'alessandro 165* (SEL): Ecuador. Voucher: *J. Tupac et al. 1001* (MO). Source: Tropicos database; Monogr. Syst. Bot. Missouri Bot. Gard. 61: 32. Notes: Orq. Nat. Col. 5 fig. 960; Monogr. Syst. Bot. Missouri Bot. Gard. 61: 186.
- Lepanthes alcornis** Luer & Escobar, Amer. Orch. Soc. Bull. 53 (4): 368. 1984. Department(s): Antioquia. Elevation: 1730 m. Type: *R. Escobar et al. 2646* (SEL): Colombia. Notes: Ibid. p. 369; Orq. Nat. Col. 5 fig. 1008.
- Lepanthes alkaia** Luer & Escobar, Amer. Orch. Soc. Bull. 54: 580. 1985. Department(s): Santander. Elevation: 2150 m. Type: *C. Luer et al. 10142* (MO): Colombia. Notes: Ibid. p. 581.
- Lepanthes amplior** Luer & Escobar, Orquideologia 18: 26. 1991. Department(s): Norte de Santander. Elevation: 2850 m. Type: *C. Luer et al. 10267* (MO): Colombia. Notes: Ibid. pp. 27, 31.
- Lepanthes amplisepala** Luer & Escobar, Orquideologia 19: 77. 1994. Department(s): Cauca. Elevation: 3150 m. Type: *C. Luer et*

- al.* 8430 (SEL): Colombia. Notes: *Ibid.* p. 83.
- Lepanthes anatina** Luer & Escobar, *Orquideologia* 20: 281. 1997. Department(s): Risaralda. Elevation: 1630 m. Type: *C. Luer et al.* 16847 (MO): Colombia. Notes: *Ibid.* p. 282.
- Lepanthes anserina** Luer & Escobar, *Amer. Orch. Soc. Bull.* 53 (3): 258. 1984. Department(s): Antioquia. Elevation: 2120 m. Type: *C. Luer et al.* 8920 (SEL): Colombia. Notes: *Ibid.* p. 259.
- Lepanthes antennata** Luer & Escobar, *Orquideologia* 19: 81. 1994. Department(s): Chocó. Elevation: 2000 m. Type: *R. Escobar* 5064 (JAUM): Colombia. Notes: *Ibid.* p. 83.
- Lepanthes antennifera** Luer & Escobar, *Amer. Orch. Soc. Bull.* 54(1): 52. 1985. Department(s): Norte de Santander. Elevation: 2500 m. Type: *C. Luer et al.* 10288 (MO): Colombia. Notes: *Ibid.*; *Orq. Nat. Col.* 5 fig. 982.
- Lepanthes antioquiensis** Schltr., *Feddes Repert. Spec. Nov. Regni Veg. Beih.* 7: 95. 1920. Department(s): Antioquia. Elevation: Without data. Type: *M. Madero s.n.* (?): Colombia. Notes: *Feddes Repert. Spec. Nov. Regni Veg. Beih.* 57: 32.
- Lepanthes arbuscula** Luer & Escobar, *Orquideologia* 19: 19. 1993. Department(s): Cauca. Elevation: 2900 m. Type: *R. Escobar* 5009 (JAUM): Colombia. Notes: *Ibid.* p. 22.
- Lepanthes arethusa** Luer & Escobar, *Orquideologia* 21: 135. 1999. Department(s): Antioquia. Elevation: 2700 m. Type: *C. Luer et al.* 17633 (MO): Colombia. Notes: *Ibid.* p. 137.
- Lepanthes argentata** Luer & Escobar, *Orquideologia* 17: 150. 1988. Department(s): Norte de Santander. Elevation: 2100 m. Type: *R. Escobar* 274 (MO): Colombia. Notes: *Ibid.* pp. 149, 151.
- Lepanthes aristata** Luer & Escobar, *Amer. Orch. Soc. Bull.* 54: 582. 1985. Department(s): Norte de Santander. Elevation: 2250 m. Type: *C. Luer et al.* 10332 (JAUM): Colombia. Notes: *Ibid.* p. 583; *Orq. Nat. Col.* 5 fig. 1046.
- Lepanthes athena** Luer, *Monogr. Syst. Bot. Missouri Bot. Gard.* 61: 38. 1996. Department(s): Without data. Elevation: Without data. Type: *C. Luer et al.* 9942 (MO): Ecuador. Voucher: *C. Luer* 16566 (MO). Source: *Monogr. Syst. Bot. Missouri Bot. Gard.* 61: 38. Notes: *Ibid.* p. 189.
- Lepanthes atomifera** Luer & Escobar, *Amer. Orch. Soc. Bull.* 53: 26. 1984. Department(s): Antioquia. Elevation: 2050 m. Type: *C. Luer et al.* 8965 (SEL): Colombia. Notes: *Ibid.*; *Orq. Nat. Col.* 5 fig. 975.
- Lepanthes auditor** Luer & Escobar, *Orquideologia* 17: 154. 1988. Department(s): Antioquia. Elevation: 2400 m. Type: *R. Escobar* 3417 (JAUM): Colombia. Notes: *Ibid.* pp. 149, 155.
- Lepanthes aures-asini** Luer & Escobar, *Amer. Orch. Soc. Bull.* 53: 158. 1984. Department(s): Antioquia. Elevation: 2570 m. Type: *R. Escobar et al.* 2540 (SEL): Colombia. Notes: *Ibid.* p. 159; *Orq. Nat. Col.* 5 fig. 1007.
- Lepanthes auspicata** Luer, *Orquideologia* 21: 138. 1999. Department(s): Valle del Cauca. Elevation: 2300 m. Type: *P. Silverstone-Sopkin et al.* 2909 (CUVC): Colombia. Notes: *Ibid.* p. 139.
- Lepanthes ballatrix** Luer, *Phytologia* 54 (5): 331. 1983. Department(s): Putumayo. Elevation: Without data. Type: *C. Luer et al.* 7294 (SEL): Ecuador. Voucher: *C. Luer et al.* 14102 (MO). Source: *Monogr. Syst. Bot. Missouri Bot. Gard.* 61: 40; *Tropicos database.* Notes: *Monogr. Syst. Bot. Missouri Bot. Gard.* 61: 190.
- Lepanthes beatriziae** Luer & Escobar, *Orquideologia* 20: 283. 1997. Department(s): Norte de Santander. Elevation: 2200 m. Type: *R. Escobar* 5382 (MO): Colombia. Notes: *Ibid.* p. 282.
- Lepanthes biglomeris** Luer & Escobar, *Orquideologia* 19: 21. 1993. Department(s): Santander. Elevation: 2400 m. Type: *R. Escobar* 5122 (JAUM): Colombia. Notes: *Ibid.*
- Lepanthes biloba** Lindl., *Hook. Comp. Bot. Mag.* 2: 356. 1836. Synonym(s): *Lepanthes otostalyx* Rchb.f., *Lepanthes peniculus* Luer, *Lepanthes metaxy* Luer & Hirtz. Department(s): Risaralda. Elevation: 3280 m. Type: *Hall s.n.* (K): Ecuador. Voucher: *C. Luer et al.* 14222 (MO). Source: *Monogr. Syst. Bot. Missouri Bot. Gard.* 61: 43; *Tropicos database.* Notes: *Monogr. Syst. Bot. Missouri Bot. Gard.* 61: 191; *ONC* 5 fig. 1002.
- Lepanthes binaria** Luer & Hirtz, *Orchidee* 38: 291. 1987. Department(s): Nariño. Elevation: 3200 m. Type: *C. Luer et al.* 11080 (MO): Ecuador. Voucher: *C. Luer et al.* 4651 (SEL). Source: *Monogr. Syst. Bot. Missouri Bot. Gard.* 61: 44; *Tropicos database.* Notes: *Ibid.* p. 290.
- Lepanthes bipinnatula** Luer & Escobar, *Orquideologia* 20: 284. 1997. Department(s): Antioquia. Elevation: 2700 m. Type: *C. Luer et al.* 17653 (MO): Colombia. Notes: *Ibid.* p. 282.

- Lepanthes boyacensis** Luer & Escobar, Amer. Orch. Soc. Bull. 53 (8): 820. 1984. Department(s): Cundinamarca. Elevation: Without data. Type: *C. Luer 8777* (SEL): Colombia. Notes: Ibid. p. 821; Orq. Nat. Col. 2 fig. 270.
- Lepanthes cacique-tone** Luer & Escobar, Orquideologia 20: 286. 1997. Department(s): Antioquia. Elevation: 2700 m. Type: *R. Escobar s.n.* (JAUM): Colombia. Notes: Ibid. p. 282.
- Lepanthes cactoura** Luer & Escobar, Orquideologia 18: 28. 1991. Department(s): Antioquia. Elevation: 2400 m. Type: *R. Escobar 3399* (MO): Colombia. Notes: Ibid. p. 29; Orq. Nat. Col. 5 fig. 1000.
- Lepanthes caesariata** Luer & Escobar, Orquideologia 19: 82. 1994. Department(s): Chocó. Elevation: 2000 m. Type: *C. Luer 16733* (MO): Colombia. Notes: Ibid. p. 83.
- Lepanthes calimae** P. Ortiz, Orquideologia 21: 68. 1998. Department(s): Valle del Cauca. Elevation: 1500 m. Type: *P. Ortiz et al. 1090* (HPUJ): Colombia. Notes: Ibid. p. 70.
- Lepanthes callisto** Luer & Hirtz, Die Orchidee 38 (6): 287. 1987. Department(s): Nariño. Elevation: Without data. Type: *C. Luer et al. 11076* (MO): Ecuador. Voucher: *C. Luer 17949* (MO). Notes: Ibid. p. 288.
- Lepanthes calodictyon** Hook., Bot. Mag. t. 5259, 1861. Department(s): Valle del Cauca. Elevation: 800 m. Type: *Without data* (W): Without data. Voucher: *R. Escobar 5166* (MO). Source: Monogr. Syst. Bot. Missouri Bot. Gard. 61: 48. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 61: 193.
- Lepanthes canaliculata** Luer & Escobar, Orquideologia 20: 287. 1997. Department(s): Chocó. Elevation: 2100 m. Type: *C. Luer 16731* (MO): Colombia. Notes: Ibid. p. 290.
- Lepanthes (Brachycladium) cardiocheila** Luer & Escobar, Orquideologia 19: 86. 1994. Department(s): Risaralda. Elevation: 2000 m. Type: *C. Luer 16773* (MO): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 103: 307. Notes: Ibid. p. 84.
- Lepanthes carunculigera** Rchb.f., Flora 69: 557. 1886. Department(s): Risaralda. Elevation: 2000 m. Type: *F. C. Lehmann 3213* (W): Colombia. Voucher: *C. Luer 13017* (MO). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 61: 10; Orq. Nat. Col. 2 fig. 267.
- Lepanthes (Brachycladium) catella** Luer & Escobar, Orquideologia 16: 10. 1983. Department(s): Boyaca. Elevation: 2500 m. Type: *C. Luer et al. 7554* (SEL): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 103: 307. Notes: Ibid.
- Lepanthes caudata** Luer & Escobar, Amer. Orch. Soc. Bull. 53: 260. 1984. Department(s): Putumayo. Elevation: 3000 m. Type: *C. Luer et al. 8345* (SEL): Colombia. Notes: Ibid.
- Lepanthes caudatisepala** C. Schweinf., Bot. Mus. Leaf. 10: 123. 1942. Department(s): Nariño. Elevation: 3000 m. Type: *J. Macbride 4273* (Herb. Field Mus.): Perú. Voucher: *C. Luer et al. 140101* (MO). Source: Monogr. Syst. Bot. Missouri Bot. Gard. 61: 54; Tropicos database. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 61: 195.
- Lepanthes cerambyx** Luer & Escobar, Orquideologia 18: 32. 1991. Department(s): Antioquia. Elevation: 1600 m. Type: *R. Escobar et al. 3382* (JAUM): Colombia. Notes: Ibid. p. 33.
- Lepanthes cercion** Luer & Escobar, Orquideologia 17: 158. 1988. Department(s): Antioquia. Elevation: 1920 m. Type: *C. Luer et al. 11355* (SEL): Colombia. Notes: Ibid. p. 159.
- Lepanthes chelonion** Luer & Escobar, Amer. Orch. Soc. Bull. 54: 54. 1985. Department(s): Norte de Santander. Elevation: 2600 m. Type: *C. Luer et al. 10215* (MO): Colombia. Notes: Ibid. pp. 54, 55.
- Lepanthes chimaera** Luer & Escobar, Orquideologia 16: 130. 1984. Department(s): Nariño. Elevation: 3200 m. Type: *C. Luer et al. 4633* (SEL): Colombia. Notes: Ibid.
- Lepanthes cincinnata** Luer & Escobar, Orquideologia 19: 23. 1993. Department(s): Valle del Cauca. Elevation: Without data. Type: *R. Escobar 5081* (JAUM): Colombia. Notes: Ibid.
- Lepanthes cingens** Luer & Escobar, Orquideologia 19: 87. 1994. Department(s): Risaralda. Elevation: 2100 m. Type: *C. Luer et al. 16783* (MO): Colombia. Notes: Ibid. p. 84.
- Lepanthes clausa** Luer & Escobar, Amer. Orch. Soc. Bull. 54: 728. 1985. Department(s): Norte de Santander. Elevation: 2850 m. Type: *C. Luer et al. 10274* (JAUM): Colombia. Notes: Ibid. p. 729; Orq. Nat. Col. 5 fig. 1017.
- Lepanthes climax** Luer & Escobar, Orquideologia 17: 162. 1988. Department(s): Santander. Elevation: 2850 m. Type: *C. Luer et al. 7870* (SEL): Colombia. Notes: Ibid. p. 163.
- Lepanthes cocculifera** Luer & Escobar, Orquideologia 16: 133. 1984. Department(s): Santander. Elevation: 2850 m. Type: *C. Luer 7866* (SEL): Colombia. Notes: Ibid.
- Lepanthes cogolloi** Luer & Escobar, Orquideologia 18: 34. 1991. Department(s): Antioquia. Elevation: 1150 m. Type: *A. Cogollo*

- 3539 (JAUM): Colombia. Notes: *Ibid.* p. 35.
- Lepanthes (Brachycladium) composita** Luer & Escobar, *Orquideologia* 19: 88. 1994. Department(s): Risaralda. Elevation: 2000 m. Type: *A. de Wilde 397* (MO): Colombia. Source: *Monogr. Syst. Bot. Missouri Bot. Gard.* 103: 307. Notes: *Ibid.* p. 84.
- Lepanthes confusa** Ames & C. Schweinf., *Sched. Orch.* 10: 40. 1930. Department(s): Antioquia. Elevation: Without data. Type: *P. Standley et al. 48709* (AMES): Costa Rica. Voucher: *R. Escobar 5084* (MO). Source: *Monogr. Syst. Bot. Missouri Bot. Gard.* 61: 60; Tropicos database. Notes: *Monogr. Syst. Bot. Missouri Bot. Gard.* 61: 198.
- Lepanthes contingens** Luer, *Phytologia* 54 (5): 335. 1983. Department(s): Nariño. Elevation: 3200 m. Type: *C. Luer et al. 7152* (SEL): Ecuador. Voucher: *C. Luer et al. 4637* (SEL)
- Lepanthes cordata** Luer & Escobar, *Orquideologia* 17: 165. 1988. Department(s): Antioquia. Elevation: 2050 m. Type: *C. Luer et al. 11371* (MO): Colombia. Notes: *Ibid.* p. 167.
- Lepanthes cornualis** Luer & Escobar, *Orquideologia* 18: 36. 1991. Department(s): Putumayo. Elevation: 3000 m. Type: *C. Luer et al. 12525* (MO): Colombia. Notes: *Ibid.* p. 37.
- Lepanthes costata** Rchb.f., *Flora* 69: 557. 1886. Department(s): Without data. Elevation: Without data. Type: *Without data*: Colombia. Source: *Protologue*; Govaerts et al. 30 April 2006.
- Lepanthes cucullata** Luer & Escobar, *Orquideologia* 19: 89. 1994. Department(s): Norte de Santander. Elevation: 2850 m. Type: *C. Luer et al. 10282*(MO): Colombia. Notes: *Ibid.* p. 84.
- Lepanthes culex** Luer & Escobar, *Amer. Orch. Soc. Bull.* 53: 715. 1984. Department(s): Antioquia. Elevation: 2700 m. Type: *R. Escobar et al. 2676* (SEL): Colombia. Notes: *Ibid.*; *Orq. Nat. Col.* 5 fig. 981.
- Lepanthes cuneiformis** Luer & Escobar, *Orquideologia* 16: 135. 1984. Department(s): Norte de Santander. Elevation: 2150 m. Type: *C. Luer et al. 7943* (SEL): Colombia. Notes: *Ibid.*
- Lepanthes cunicularis** Luer & Escobar, *Orquideologia* 20: 289. 1997. Department(s): Risaralda. Elevation: 1800 m. Type: *R. Escobar s.n.* (JAUM): Colombia. Notes: *Ibid.* p. 300.
- Lepanthes cyclochila** Luer & Escobar, *Orquideologia* 19: 90. 1994. Department(s): Antioquia. Elevation: 2500 m. Type: *R. Escobar 5241* (JAUM): Colombia. Notes: *Ibid.* p. 93.
- Lepanthes cymbium** Luer & Escobar, *Orquideologia* 19: 91. 1994. Department(s): Quindío. Elevation: 3200 m. Type: *R. Escobar et al. 4016* (MO): Colombia. Notes: *Ibid.* p. 93.
- Lepanthes (Brachycladium) dactyla** Garay, *Orquideologia* 6: 13. 1971. Department(s): Antioquia. Elevation: Without data. Type: *G. Escobar et al. 645* (AMES): Colombia. Notes: *Ibid.* p. 34.
- Lepanthes darioi** Luer & Escobar, *Orquideologia* 28: 291. 1997. Department(s): Antioquia. Elevation: 2700 m. Type: *C. Luer et al. 17638* (MO): Colombia. Notes: *Ibid.* p. 290.
- Lepanthes dasyura** Luer & Escobar, *Orquideologia* 18: 40. 1991. Department(s): Antioquia. Elevation: 900 m. Type: *A. Cogollo et al. 365* (JAUM): Colombia. Notes: *Ibid.* p. 41.
- Lepanthes debilis** Luer & Escobar, *Orquideologia* 17: 169. 1988. Department(s): Antioquia. Elevation: 2600 m. Type: *R. Escobar et al. 3465* (JAUM): Colombia. Notes: *Ibid.* pp. 171, 173.
- Lepanthes declivis** Luer & Escobar, *Orquideologia* 21: 142. 1999. Department(s): Valle del Cauca. Elevation: Without data. Type: *C. Luer 17713* (MO): Colombia. Notes: *Ibid.* p. 143.
- Lepanthes deficiens** Luer & Escobar, *Orquideologia* 17: 174. 1988. Department(s): Antioquia. Elevation: 2400 m. Type: *R. Escobar 3270* (MO): Colombia. Notes: *Ibid.* p. 177.
- Lepanthes deliciosensis** Luer & Escobar, *Orquideologia* 19: 95. 1994. Department(s): Cauca. Elevation: 3380 m. Type: *C. Luer et al. 8473* (SEL): Colombia. Notes: *Ibid.* p. 93.
- Lepanthes dewildei** Luer & Escobar, *Orquideologia* 20: 292. 1997. Department(s): Chocó. Elevation: 2050 m. Type: *C. Luer et al. 16848* (MO): Colombia. Notes: *Ibid.* p. 290.
- Lepanthes diabolica** Luer & Escobar, *Orquideologia* 18: 42. 1991. Department(s): Santander. Elevation: 2700 m. Type: *C. Luer et al. 10158* (MO): Colombia. Notes: *Ibid.* p. 43.
- Lepanthes didactyla** Luer & Escobar, *Orquideologia* 16: 137. 1984. Department(s): Norte de Santander. Elevation: 1650 m. Type: *C. Luer et al. 7715* (SEL): Colombia. Notes: *Ibid.*
- Lepanthes discolor** Luer & Escobar, *Orquideologia* 17: 183. 1988. Department(s): Antioquia. Elevation: 2400 m. Type: *R. Escobar*

- 3359 (JAUM): Colombia. Notes: Ibid. p. 187.
- Lepanthes dodsonii** Luer, *Phytologia* 54: 340. 1983. Department(s): Risaralda. Elevation: 2100 m. Type: *C. Dodson et al. 8475* (SEL); Ecuador. Voucher: *C. Luer 16641* (MO). Source: Monogr. Syst. Bot. Missouri Bot. Gard. 61: 72; Tropicos database. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 61: 203.
- Lepanthes dolabrata** Luer & Escobar, *Orquideologia* 20: 294. 1997. Department(s): Antioquia. Elevation: 2700 m. Type: *C. Luer et al. 17642* (MO); Colombia. Notes: Ibid. p. 296.
- Lepanthes dryades** Luer & Escobar, *Amer. Orch. Soc. Bull.* 53 (9): 918. 1984. Department(s): Santander. Elevation: 2150 m. Type: *C. Luer et al. 10137* (MO); Colombia. Notes: Ibid.; *Orq. Nat. Col.* 5 fig. 980.
- Lepanthes dunstervilleorum** Foldats, *Acta Bot. Venez.* 3: 333. 1968. Department(s): Quindío. Elevation: 2800 m. Type: *C. Luer et al. 11807* (MO); Ecuador. Voucher: *R. Escobar 5189* (MO). Source: Monogr. Syst. Bot. Missouri Bot. Gard. 61: 73; Tropicos database. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 61: 203; *Orq. Nat. Col.* 5 fig. 967.
- Lepanthes echidion** Luer & Escobar, *Orquideologia* 16: 139. 1984. Department(s): Norte de Santander. Elevation: 1880 m. Type: *C. Luer et al. 7953* (SEL); Colombia. Notes: Ibid.
- Lepanthes effusa** Schltr., *Feddes Rep.* 14: 126. 1915. Department(s): Antioquia. Elevation: 3120 m. Type: *A. Sodiro 2057* (Holotype, destroyed at B); *A. Hirtz 2057* (Lectotype, MO); Ecuador. Voucher: *R. Callejas et al. 7795* (MO). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 61: 204.
- Lepanthes elata** Rchb.f., *Beitr. Orch. Centr.-Amer.* 90. 1984. Department(s): Valle del Cauca. Elevation: 1900 m. Type: *Wendland 844* (W); Costa Rica. Voucher: *J. Otero 129* (MO). Source: Tropicos database. Notes: *Orq. Nat. Col.* 2 fig. 266.
- Lepanthes elephantina** Luer & Escobar, *Orquideologia* 16: 141. 1984. Department(s): Nariño. Elevation: 3200 m. Type: *C. Luer et al. 3470* (SEL); Colombia. Notes: Ibid.
- Lepanthes elongata** Luer & Hirtz, *Lindleyana* 2: 99. 1987. Department(s): Nariño. Elevation: 2650 m. Type: *A. Hirtz 1811* (MO); Ecuador. Voucher: *C. Luer et al. 14225* (MO). Source: Monogr. Syst. Bot. Missouri Bot. Gard. 61: 78; Tropicos database. Notes: Ibid. p. 100.
- Lepanthes equicalceolata** Luer & Escobar, *Orquideologia* 19: 24. 1993. Department(s): Chocó. Elevation: 2000 m. Type: *R. Escobar 4059* (JAUM); Colombia. Notes: Ibid. p. 23.
- Lepanthes eros** Luer & Escobar, *Amer. Orch. Soc. Bull.* 53: 160. 1984. Department(s): Antioquia. Elevation: 2150 m. Type: *C. Luer et al. 8869* (SEL); Colombia. Notes: Ibid.; *Orq. Nat. Col.* 5 fig. 976.
- Lepanthes erythrocles** Luer & Escobar, *Orquideologia* 18: 44. 1991. Department(s): Cundinamarca. Elevation: Without data. Type: *C. Luer 12808* (MO). Colombia. Notes: Ibid. p. 45.
- Lepanthes escifera** Luer & Escobar, *Amer. Orch. Soc. Bull.* 53: 28. 1984. Department(s): Antioquia. Elevation: 2050 m. Type: *C. Luer et al. 8986* (SEL); Colombia. Notes: Ibid. p. 28; *Orq. Nat. Col.* 5 fig. 1023.
- Lepanthes escobariana** Garay, *Orquideologia* 4: 76. 1979. Department(s): Antioquia. Elevation: Without data. Type: *G. Escobar 531* (AMES); Colombia. Notes: *Orq. Nat. Col.* 2 fig. 260.
- Lepanthes exaltata** Luer & Escobar, *Amer. Orch. Soc. Bull.* 53: 370. 1984. Department(s): Norte de Santander. Elevation: 2670 m. Type: *C. Luer et al. 6640* (SEL); Colombia. Notes: Ibid.; *Orq. Nat. Col.* 2 fig. 269.
- Lepanthes felis** Luer & Escobar, *Amer. Orch. Soc. Bull.* 52: 1264. 1983. Department(s): Antioquia. Elevation: 2050 m. Type: *R. Escobar et al. 2605* (SEL); Colombia. Notes: Ibid.; *Orq. Nat. Col.* 2 fig. 268; 5 fig. 972.
- Lepanthes ferax** Luer & Escobar, *Orquideologia* 18: 48. 1991. Department(s): Cundinamarca. Elevation: 2700 m. Type: *C. Luer et al. 10376* (MO); Colombia. Notes: Ibid. p. 47.
- Lepanthes fibulifera** Luer & Escobar, *Amer. Orch. Soc. Bull.* 53: 29. 1984. Department(s): Antioquia. Elevation: 2050 m. Type: *R. Escobar et al. 2604* (SEL); Colombia. Notes: Ibid. p. 30.
- Lepanthes focalis** Luer, *Phytologia* 54: 343. 1983. Department(s): Risaralda. Elevation: 2400 m. Type: *C. Luer et al. 5524* (SEL); Ecuador. Voucher: *C. Luer et al. 16830* (MO). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 61: 209.
- Lepanthes fonnegrae** Luer & Escobar, *Orquideologia* 19: 25. 1993. Department(s): Antioquia. Elevation: 2500 m. Type: *R. Escobar 5181* (MO); Colombia. Notes: Ibid. p. 26.
- Lepanthes forceps** Luer & Escobar, *Amer. Orch. Soc. Bull.* 53: 161. 1984. Depart-

- ment(s): Norte de Santander. Elevation: 1730 m. Type: *C. Luer et al. 6680* (SEL): Colombia. Notes: Ibid.; Orq. Nat. Col. 5 fig. 1022.
- Lepanthes foveata** Luer & Escobar, Amer. Orch. Soc. Bull. 53 (10): 1044. 1984. Department(s): Norte de Santander. Elevation: 2100 m. Type: *C. Luer et al. 10308* (MO): Colombia. Notes: Ibid. p. 1045; Orq. Nat. Col. 5 fig. 974.
- Lepanthes furcata** Luer & Escobar, Orquideologia 19: 27. 1993. Department(s): Chocó. Elevation: 2000 m. Type: *R. Escobar 5055* (JAUM): Colombia. Notes: Ibid. p. 26.
- Lepanthes gargantua** Rchb.f., Xenia Orch. 1: 150. 1856. Department(s): Antioquia. Elevation: 2650 m. Type: *Jameson 110* (W): Ecuador. Voucher: *C. Luer et al. 14135* (MO). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 61: 210; Orq. Nat. Col. 2 fig. 271.
- Lepanthes gelata** Luer & Escobar, Orquideologia 20: 295. 1997. Department(s): Risaralda. Elevation: 2400 m. Type: *C. Luer et al. 16837* (MO): Colombia. Notes: Ibid. p. 296.
- Lepanthes gemina** Luer & Escobar, Amer. Orch. Soc. Bull. 54: 314. 1985. Department(s): Norte de Santander. Elevation: 2150 m. Type: *C. Luer et al. 10340* (JAUM): Colombia. Notes: Ibid.; Orq. Nat. Col. 2 fig. 261.
- Lepanthes georgii** Luer & Escobar, Orquideologia 19: 96. 1994. Synonym(s): *Lepanthes bifurcata* Luer & Escobar. Department(s): Antioquia. Elevation: 2400 m. Type: *C. Luer 16639* (JAUM): Colombia. Notes: Ibid. p. 93.
- Lepanthes giraldoi** Luer, Orquideologia 22: 37. 2001. Department(s): Valle del Cauca. Elevation: 1900 m. Type: *J. Girado 169* (TULV): Colombia. Notes: Ibid. p. 39.
- Lepanthes golondrina** Luer & Escobar, Amer. Orch. Soc. Bull. 53: 718. 1984. Department(s): Antioquia. Elevation: 1700 m. Type: *R. Escobar 1171* (JAUM): Colombia. Notes: Ibid.; Orq. Nat. Col. 5 fig. 1003.
- Lepanthes grildrig** Luer & Escobar, Orquideologia 18: 49. 1991. Department(s): Norte de Santander. Elevation: 2200 m. Type: *C. Luer et al. 10356* (MO): Colombia. Notes: Ibid. p. 51.
- Lepanthes guadasensis** Luer & Escobar, Orquideologia 21: 145. 1999. Department(s): Chocó. Elevation: Without data. Type: *R. Escobar 5242* (MQ): Colombia. Notes: Ibid. p. 146.
- Lepanthes guanacasensis** Luer & Escobar, Orquideologia 19: 97. 1994. Department(s): Cauca. Elevation: 3150 m. Type: *C. Luer et al. 8419* (SEL): Colombia. Notes: Ibid. p. 94.
- Lepanthes gustavoi** Luer & Escobar, Orquideologia 20: 298. 1997. Department(s): Chocó. Elevation: 2680 m. Type: *C. Luer et al. 17677* (MO): Colombia. Notes: Ibid. p. 296.
- Lepanthes guttula-sanguinis** Luer & Escobar, Orquideologia 17: 188. 1988. Department(s): Antioquia. Elevation: 2600 m. Type: *R. Escobar et al. 3460* (JAUM): Colombia. Notes: Ibid. p. 189; Orq. Nat. Col. 5 fig. 1027.
- Lepanthes habenifera** Luer & Escobar, Amer. Orch. Soc. Bull. 53: 371. 1984. Department(s): Antioquia. Elevation: 2020 m. Type: *C. Luer et al. 8966* (SEL): Colombia. Notes: Ibid. p. 372.
- Lepanthes helgae** Luer & Escobar, Orquideologia 18: 52. 1991. Department(s): Antioquia. Elevation: 2250 m. Type: *C. Luer 14261* (MO): Colombia. Notes: Ibid. p. 53; Orq. Nat. Col. 2 fig. 253.
- Lepanthes hemirhoda** Garay, Canad. J. Bot. 34: 250. 1956. Department(s): Norte de Santander. Elevation: 2000 m. Type: *J. Cuatrecasas 12478* (US): Colombia. Notes: Ibid. p. 246.
- Lepanthes heptapus** Luer & Escobar, Amer. Orch. Soc. Bull. 52 (12): 1266. 1983. Department(s): Antioquia. Elevation: 2050 m. Type: *R. Escobar et al. 2601* (SEL): Colombia. Notes: Ibid.; Orq. Nat. Col. 5 fig. 986.
- Lepanthes hexapus** Luer & Escobar, Orquideologia 16: 144. 1984. Department(s): Nariño. Elevation: 1600 m. Type: *C. Luer et al. 4619* (SEL): Colombia. Notes: Ibid. p. 145.
- Lepanthes (Brachycladium) hippocrepea** Luer & Escobar, Orquideologia 18: 54. 1991. Department(s): Antioquia. Elevation: 2130 m. Type: *C. Luer et al. 11343* (MO): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 103: 307. Notes: Ibid. p. 55.
- Lepanthes hirpex** Luer & Escobar, Amer. Orch. Soc. Bull. 54 (5): 584. 1985. Department(s): Antioquia. Elevation: 2350 m. Type: *R. Escobar 3264* (JAUM): Colombia. Notes: Ibid.; Orq. Nat. Col. 5 fig. 1025.
- Lepanthes hirtzii** Luer, Phytologia 54: 345. 1983. Department(s): Putumayo. Elevation: 2700 m. Type: *C. Luer et al. 4394* (SEL): Ecuador. Voucher: *C. Luer et al. 3118* (SEL). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 61: 213.
- Lepanthes hortensis** Luer & Escobar, Orquideologia 17: 194. 1988. Department(s): Antioquia. Elevation: 2800 m. Type: *R. Escobar*

- bar et al. 2727* (MO): Colombia. Notes: Ibid.; Orq. Nat. Col. 5 fig. 1035.
- Lepanthes hubeinii** Luer, *Orchidee* 38: 58. 1987. Department(s): Without data. Elevation: Without data. Type: *C. Luer 11422* (MO): Colombia. Notes: Ibid.; Western Cordillera..
- Lepanthes hurgo** Luer & Behar, *Revista Soc. Boliv. Bot.* 4: 7. 2003. Department(s): Without data. Elevation: Without data. Type: *M. Behar 154* (MO): Colombia. Notes: Ibid. p. 8; purchased from a vendor.
- Lepanthes hypnosa** Luer & Escobar, *Orquideologia* 17: 199. 1988. Department(s): Antioquia. Elevation: 1820 m. Type: *R. Escobar 3272* (MO): Colombia. Notes: Ibid. p. 201; Orq. Nat. Col. 5 fig. 979.
- Lepanthes ictalurus** Luer, *Phytologia* 54: 346. 1983. Department(s): Putumayo. Elevation: 3000 m. Type: *C. Luer et al. 7151* (SEL): Ecuador. Voucher: *C. Luer et al. 12530* (MO). Source: Monogr. Syst. Bot. Missouri Bot. Gard. 61: 99; Tropicos database. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 61: 215.
- Lepanthes imbricans** Luer & Escobar, *Orquideologia* 21: 147. 1999. Department(s): Cauca. Elevation: Without data. Type: *C. Luer 17855* (MO): Colombia. Notes: Ibid. p. 148.
- Lepanthes imposita** Luer & Escobar, *Amer. Orch. Soc. Bull.* 54: 56. 1985. Department(s): Norte de Santander. Elevation: 2700 m. Type: *C. Luer et al. 7671* (SEL): Colombia. Notes: Ibid. p. 57.
- Lepanthes impotens** Luer & Escobar, *Orquideologia* 20: 299. 1997. Department(s): Risaralda. Elevation: 2000 m. Type: *C. Luer et al. 16842* (MO): Colombia. Notes: Ibid. p. 296.
- Lepanthes insolita** Luer & Escobar, *Orquideologia* 17: 204. 1988. Department(s): Antioquia. Elevation: 2400 m. Type: *R. Escobar 3354* (MO): Colombia. Notes: Ibid. p. 207; Orq. Nat. Col. 5 fig. 984.
- Lepanthes intonsa** Luer, *Phytologia* 54 (5): 348. 1983. Department(s): Cauca. Elevation: 2800 m. Type: *C. Luer et al. 6212* (SEL): Ecuador. Voucher: *R. Escobar 5205* (MO). Source: Monogr. Syst. Bot. Missouri Bot. Gard. 61: 103, Tropicos database. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 61: 217.
- Lepanthes ionoptera** Rchb.f., *Bonplandia* (Hanover) 3: 70. 1855. Department(s): Norte de Santander. Elevation: 2500 m. Type: *Without data*: Colombia. Voucher: *C. Luer et al. 10290* (MO). Source: Tropicos database. Notes: Orq. Nat. Col. 5 fig. 989.
- Lepanthes (Brachycladium) irrasa** Luer & Escobar, *Monogr. Syst. Bot. Missouri Bot. Gard.* 52: 18. 1994. Department(s): Norte de Santander. Elevation: 2150 m. Type: *C. Luer et al. 10341* (MO): Colombia. Notes: Ibid. p. 20.
- Lepanthes isochila** Luer, *Orquideologia* 20: 196. 1996. Department(s): Without data. Elevation: Without data. Type: *M. Behar 36* (MO): Colombia. Notes: Ibid. p. 197; purchased from a street vendor in Medellin.
- Lepanthes isosceles** Luer & Escobar, *Amer. Orch. Soc. Bull.* 53: 372. 1984. Department(s): Magdalena. Elevation: 2500 m. Type: *C. Luer 8740* (SEL): Colombia. Notes: Ibid. p. 374; Orq. Nat. Col. 5 fig. 1006.
- Lepanthes janitor** Luer & Escobar, *Amer. Orch. Soc. Bull.* 53: 476. 1984. Department(s): Antioquia. Elevation: 1730 m. Type: *R. Escobar et al. 3197* (MO): Colombia. Notes: Ibid.
- Lepanthes janus** Luer & Escobar, *Amer. Orch. Soc. Bull.* 54: 730. 1985. Department(s): Norte de Santander. Elevation: 2500 m. Type: *C. Luer et al. 10283* (JAUM): Colombia. Notes: Ibid. p. 731; Orq. Nat. Col. 5 fig. 1038.
- Lepanthes jardinensis** Luer & Escobar, *Orquideologia* 19: 28. 1993. Department(s): Antioquia. Elevation: 2800 m. Type: *R. Escobar et al. 2696* (JAUM): Colombia. Notes: Ibid. p. 29.
- Lepanthes labiata** Luer, *Orquideologia* 22: 38. 2001. Department(s): Valle del Cauca. Elevation: 50 m. Type: *J.T. Otero 1004* (CUVC): Colombia. Notes: Ibid. p. 41.
- Lepanthes larvina** Luer & Escobar, *Amer. Orch. Soc. Bull.* 53: 163. 1984. Department(s): Antioquia. Elevation: 1820 m. Type: *C. Luer et al. 8984* (SEL): Colombia. Notes: Ibid.; Orq. Nat. Col. 2 fig. 278.
- Lepanthes lasiopetala** Garay & Dunsterv., *Venez. Orch.* III. 6: 178. 1976. Department(s): Norte de Santander. Elevation: 2600 m. Type: *G.C.K. Dunsterville 1025* (AMES): Venezuela. Voucher: *C. Luer et al. 10219* (MO). Source: Tropicos database. Notes: Orq. Nat. Col. 5 fig. 1013.
- Lepanthes lehmannii** Schltr., *Feddes Repert. Beih.* 27: 160. 1924. Department(s): Without data. Elevation: Without data. Type: *F.C. Lehmann 157* (Without data): Colombia. Source: Protologue.
- Lepanthes ligiae** Luer & Escobar, *Orquideologia* 18: 56. 1991. Department(s): Antioquia. Elevation: 2600 m. Type: *C. Luer 10389* (MO): Colombia. Notes: Ibid. p. 57; Orq. Nat. Col. 2 fig. 263.

- Lepanthes lilliputae** Luer & Escobar, Orquideologia 17: 208. 1988. Department(s): Norte de Santander. Elevation: 3150 m. Type: *C. Luer et al. 10230* (MO): Colombia. Notes: Ibid. 209.
- Lepanthes limbata** Luer & Escobar, Orquideologia 19: 98. 1994. Department(s): Chocó. Elevation: 2050 m. Type: *C. Luer et al. 16807* (MO): Colombia. Notes: Ibid. p. 94.
- Lepanthes linealis** Luer & Escobar, Orquideologia 18: 58. 1991. Department(s): Quindío. Elevation: 3280 m. Type: *C. Luer 14223* (MO): Colombia. Notes: Ibid. p. 59; Orq. Nat. Col. 5 fig. 1051.
- Lepanthes lingulosa** Luer & Escobar, Orquideologia 21: 149. 1999. Department(s): Cundinamarca. Elevation: 2620 m. Type: *G. Ruiz et al. 5481* (MO): Colombia. Notes: Ibid. p. 150.
- Lepanthes (Brachycladium) lunaris** Luer, Monogr. Syst. Bot. Missouri Bot. Gard. 52: 21. 1994. Department(s): Putumayo. Elevation: 2000 m. Type: *F.C. Lehmann 277* (G): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 103: 307. Notes: Ibid. p. 22.
- Lepanthes lycocephala** Luer & Escobar, Orquideologia 16: 147. 1984. Department(s): Nariño. Elevation: 1600 m. Type: *C. Luer et al. 4626* (SEL): Colombia. Notes: Ibid.
- Lepanthes macrantha** Garay, Canad. J. Bot. 34: 250. 1956. Department(s): Norte de Santander. Elevation: 2000 m. Type: *J. Cuatrecasas et al. 12403* (US): Colombia. Notes: Ibid. p. 246.
- Lepanthes macrostylis** Luer & Escobar, Orquideologia 21: 151. 1999. Department(s): Antioquia. Elevation: 2050 m. Type: *C. Luer et al. 17672* (MO): Colombia. Notes: Ibid. p. 153.
- Lepanthes manabina** Dodson, Icon. Pl. Trop. 2: 128. 1980. Synonym(s): *Lepanthes mastodon* Luer. Department(s): Antioquia. Elevation: 2430 m. Type: *Dodson et al. 1725* (SEL): Ecuador. Voucher: *C. Luer et al. 17695* (MO). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 61: 221; Orq. Nat. Col. 2 fig. 272.
- Lepanthes marginata** Schltr., Feddes Repert. Spec. Nov. Regni Veg. Beih. 7: 96. 1920. Department(s): Cauca. Elevation: Without data. Type: *M. Madero s.n.* (Without data): Colombia. Notes: Feddes Repert. Spec. Nov. Regni Veg. Beih. 57: 33.
- Lepanthes marthae** Luer & Escobar, Orquideologia 18: 60. 1991. Department(s): Antioquia. Elevation: 2200 m. Type: *M. Munera et al. 160* (JAUM): Colombia. Notes: Ibid. p. 61; Orq. Nat. Col. 2 fig. 255.
- Lepanthes medusa** Luer & Escobar, Orquideologia 18: 64. 1991. Department(s): Without data. Elevation: Without data. Type: *C. Luer 14098* (MO): Colombia. Notes: Ibid. p. 63.
- Lepanthes mefueensis** Luer & Escobar, Orquideologia 17: 212. 1988. Department(s): Norte de Santander. Elevation: 2600 m. Type: *C. Luer et al. 10296* (MO): Colombia. Notes: Ibid. p. 213.
- Lepanthes meleagris** Luer & Escobar, Orquideologia 19: 99. 1994. Department(s): Risaralda. Elevation: 2100 m. Type: *C. Luer et al. 167821* (JAUM): Colombia. Notes: Ibid. p. 94.
- Lepanthes micellilabia** Luer & Escobar, Orquideologia 19: 101. 1994. Department(s): Antioquia. Elevation: 2400 m. Type: *R. Escobar 5191* (JAUM): Colombia. Notes: Ibid. p. 94.
- Lepanthes micronyx** Luer & Escobar, Orquideologia 20: 302. 1997. Department(s): Antioquia. Elevation: 2700 m. Type: *C. Luer et al. 17648* (MO): Colombia. Notes: Ibid. p. 306.
- Lepanthes microscopica** Luer & Escobar, Amer. Orch. Soc. Bull. 52: 1268. 1983. Department(s): Antioquia. Elevation: 2050 m. Type: *R. Escobar et al. 2598* (SEL): Colombia. Notes: Ibid.
- Lepanthes mirabilis** Ames, Sched. Orch. 1: 12. 1922. Department(s): Cauca. Elevation: 50 m. Type: *H. Pittier 592* (US): Colombia. Source: Protologue.
- Lepanthes (Brachycladium) monilia** Luer & Escobar, Orquideologia 16: 12. 1983. Department(s): Boyaca. Elevation: 2600 m. Type: *C. Luer et al. 8036* (SEL): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 103: 307. Notes: Ibid.
- Lepanthes monitor** Luer, Phytologia 54 (5): 354. 1983. Department(s): Antioquia. Elevation: 2500 m. Type: *C. Luer et al. 7096* (SEL): Ecuador. Voucher: *C. Luer 14335* (MO). Source: Monogr. Syst. Bot. Missouri Bot. Gard. 61: 120; Tropicos database. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 61: 224.
- Lepanthes monoptera** Lindl., Hook. Journ. Bot. 1: 10, 1834. Synonym(s): *Lepanthes roseola* Rchb.f., *Lepanthes dolichopus* Schltr. Department(s): Norte de Santander. Elevation: 2600 m. Type: *W. Jameson s.n.* (K): Ecuador. Voucher: *C. Luer et al. 10301* (MO). Source: Monogr. Syst. Bot. Missouri Bot. Gard. 61: 120; Tropicos database. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 61: 224.
- Lepanthes montis-rotundi** P. Ortiz, Orquideologia 20: 318. 1997. Department(s): Cun-

- dinamarca. Elevation: 2200 m. Type: *P. Ortiz 705* (HPUJ); Colombia. Notes: Ibid. p. 322.
- Lepanthes mucronata** Lindl., Comp. Bot. Mag. 2: 356. 1836. Synonym(s): *Lepanthes andrenoglossa* Rchb.f., *Lepanthes mesochlora* Rchb.f., *Lepanthes macroura* Schltr. Department(s): Quindío. Elevation: 3300 m. Type: *Hall. s.n.* (K); Ecuador. Voucher: *C. Luer et al. 16753* (MO). Source: Monogr. Syst. Bot. Missouri Bot. Gard. 61: 160; Tropicos database. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 61: 224; Orq. Nat. Col. 5 fig. 971.
- Lepanthes muscula** Luer, Phytologia 54 (5): 354. 1983. Department(s): Putumayo. Elevation: 3240 m. Type: *C. Luer et al. 8300* (SEL); Ecuador. Voucher: *S. M. Pasmíño et al. 43* (MO). Source: Monogr. Syst. Bot. Missouri Bot. Gard. 61: 124; Tropicos database. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 61: 225.
- Lepanthes myoxophora** Luer & Escobar, Amer. Orch. Soc. Bull. 53: 261. 1984. Department(s): Antioquia. Elevation: 1850 m. Type: *R. Escobar 2621* (SEL); Colombia. Notes: Ibid. p. 263.
- Lepanthes nanegalensis** Rchb.f., Linnaea 41: 46. 1877. Synonym(s): *Lepanthes rhombipetala* Schltr., *Lepanthes macropoda* Schltr. Department(s): Nariño. Elevation: Without data. Type: *W. Jameson s.n.* (W); Ecuador. Voucher: *C. Luer 16710* (MO). Source: Monogr. Syst. Bot. Missouri Bot. Gard. 61: 125; Tropicos database. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 61: fig. 163.
- Lepanthes nautilus** Luer & Escobar, Amer. Orch. Soc. Bull. 53 (10): 1046. 1984. Department(s): Santander. Elevation: 2550 m. Type: *C. Luer et al. 10203* (MO); Colombia. Notes: Ibid. p. 1047; Orq. Nat. Col. 2 fig. 257.
- Lepanthes nematodes** Luer & Escobar, Orquideologia 18: 66. 1991. Department(s): Risaralda. Elevation: 2200 m. Type: *C. Luer 13018* (MO); Colombia. Notes: Ibid. p. 67.
- Lepanthes nicolasii** Luer & Escobar, Orquideologia 20: 304. 1997. Department(s): Antioquia. Elevation: 2000 m. Type: *R. Escobar 5452* (JAUM); Colombia. Notes: Ibid. p. 301.
- Lepanthes niesseniae** Luer, Rev. Soc. Bol. Bot. 4 (1) 7. 2003. Department(s): Valle del Cauca. Elevation: Without data. Type: *A. Nielsen 88* (MO); Colombia. Notes: Ibid. p. 10.
- Lepanthes niphias** Luer & Escobar, Orquideologia 18: 68. 1991. Department(s): Antioquia. Elevation: Without data. Type: *C. Luer 13019* (MO); Colombia. Notes: Ibid. p. 69.
- Lepanthes norae** Foldats, Bol. Soc. Venez. Cienc. Nat. 28: 244. 1969. Department(s): Norte de Santander. Elevation: 2600 m. Type: *G. C. K. & E. Dunsterville 64* (?); Venezuela. Voucher: *C. Luer et al. 10220* (MO). Notes: Orq. Nat. Col. 2 fig. 273.
- Lepanthes nubicola** Rchb.f., Xenia Orch. 1: 149. 1856. Department(s): Norte de Santander. Elevation: 2440 m. Type: *Wagner s.n.* (Without data); Colombia. Source: Protologue.
- Lepanthes nulla** Luer & Escobar, Orquideologia 19: 102. 1994. Department(s): Quindío. Elevation: 3300 m. Type: *C. Luer et al. 16748* (MO); Colombia. Notes: Ibid. p. 109.
- Lepanthes (Brachycladium) nummularia** Rchb.f., Xenia Orch. 1: 142. 1858. Department(s): Without data. Elevation: Without data. Type: *W. Jameson 97* (W); Perú. Voucher: *C. Luer 14238* (MO). Source: Monogr. Syst. Bot. Missouri Bot. Gard. 52: 28; Monogr. Syst. Bot. Missouri Bot. Gard. 103: 307; Tropicos database. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 52: 30.
- Lepanthes obovata** Luer & Escobar, Amer. Orch. Soc. Bull. 53: 823. 1984. Department(s): Antioquia. Elevation: 1850 m. Type: *R. Escobar 3195* (MO); Colombia. Notes: Ibid. p. 824; Orq. Nat. Col. 5 fig. 1048.
- Lepanthes octavioi** Luer & Escobar, Orquideologia 18: 128. 1991. Department(s): Putumayo. Elevation: 2100 m. Type: *C. Luer et al. 12548* (MO); Colombia. Notes: Ibid. p. 129; ONC 5 fig. 1044.
- Lepanthes octopus** Luer & Escobar, Orquideologia 20: 305. 1997. Department(s): Antioquia. Elevation: 1800 m. Type: *R. Escobar s.n.* (JAUM); Colombia. Notes: Ibid. p. 306.
- Lepanthes ollaris** Luer & Escobar, Amer. Orch. Soc. Bull. 53 (9): 920. 1984. Department(s): Antioquia. Elevation: 2050 m. Type: *C. Luer et al. 8954* (SEL); Colombia. Notes: Ibid. p. 921; Orq. Nat. Col. 2 fig. 258.
- Lepanthes opetidion** Luer & Escobar, Orquideologia 18: 131. 1991. Department(s): Nariño. Elevation: 1800 m. Type: *C. Luer 12504* (MO); Colombia. Notes: Ibid. p. 132.
- Lepanthes ophelma** Luer & Escobar, Amer. Orch. Soc. Bull. 54: 732. 1985. Department(s): Antioquia. Elevation: 2400 m. Type: *R. Escobar et al. 3380* (JAUM); Colombia. Notes: Ibid. p. 733; Orq. Nat. Col. 2 fig. 252.
- Lepanthes oreibates** Luer & Escobar, Orquideologia 18: 133. 1991. Department(s): Cundinamarca. Elevation: 2960 m. Type: *C.*

- Luer 14227* (MO): Colombia. Notes: Ibid. p. 134.
- Lepanthes orion** Luer & Escobar, Amer. Orch. Soc. Bull. 54 (3): 316. 1985. Department(s): Santander. Elevation: 2150 m. Type: *C. Luer et al. 10120* (JAUM): Colombia. Notes: Ibid. p. 317; Orq. Nat. Col. 2 fig. 276.
- Lepanthes oscillifera** Luer & Escobar, Amer. Orch. Soc. Bull. 53: 30. 1984. Department(s): Antioquia. Elevation: 2700 m. Type: *R. Escobar et al. 2669* (SEL): Colombia. Notes: Ibid. p. 32.
- Lepanthes osiris** Luer & Escobar, Orquideologia 19: 103. 1994. Department(s): Cauca. Elevation: 3380 m. Type: *C. Luer et al. 8470* (SEL): Colombia. Notes: Ibid. p. 109.
- Lepanthes oteroi** Luer, Orquideologia 22: 42. 2001. Department(s): Valle del Cauca. Elevation: Without data. Type: *J. T. Otero 274* (CUVC): Colombia. Notes: Ibid. p. 43.
- Lepanthes oxybaphon** Luer & Escobar, Amer. Orch. Soc. Bull. 54 (6): 734. 1985. Department(s): Norte de Santander. Elevation: 2600 m. Type: *C. Luer et al. 10228* (JAUM): Colombia. Notes: Ibid.; Orq. Nat. Col. 5 fig. 1036.
- Lepanthes oxypetala** Luer & Hirtz, Orchidee 39: 57. 1988. Department(s): Putumayo. Elevation: 3000 m. Type: *C. Luer et al. 11113* (MO): Ecuador. Voucher: *C. Luer et al. 12528* (MO). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 61: 229; Orq. Nat. Col. 5 fig. 988.
- Lepanthes pachoi** Luer & Escobar, Orquideologia 19: 104. 1994. Department(s): Antioquia. Elevation: 2500 m. Type: *R. Escobar 5015* (JAUM): Colombia. Notes: Ibid. p. 109.
- Lepanthes palaga** Luer & Escobar, Amer. Orch. Soc. Bull. 53: 604. 1984. Department(s): Antioquia. Elevation: 1850 m. Type: *R. Escobar 2651* (SEL): Colombia. Notes: Ibid. p. 605.
- Lepanthes panope** Luer & Escobar, Amer. Orch. Soc. Bull. 54 (3): 318. 1985. Department(s): Norte de Santander. Elevation: 2100 m. Type: *C. Luer et al. 10317* (JAUM): Colombia. Notes: Ibid. p. 319; Orq. Nat. Col. 2 fig. 264; 5 fig. 958.
- Lepanthes parmata** Luer & Escobar, Orquideologia 18: 136. 1991. Department(s): Antioquia. Elevation: 1350 m. Type: *A. Cogollo et al. 4044* (JAUM): Colombia. Notes: Ibid. p. 137.
- Lepanthes pastoensis** Schltr., Feddes Repert. Beih. 7: 97. 1920. Department(s): Cauca. Elevation: Without data. Type: *E. Klaboch s.n.* (without data): Colombia. Notes: Orq. Nat. Col. 2 fig. 277 (as *Lepanthes pastoense*).
- Lepanthes (Brachycladium) pendens** Garay, Canad. J. Bot. 34: 252. 1956. Department(s): Cundinamarca. Elevation: 2515 m. Type: *M.L. Grant 9770* (US): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 103: 307. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 52: 32.
- Lepanthes perdita** Luer & Hirtz, Monogr. Syst. Bot. Missouri Bot. Gard. 61: 138. 1996. Department(s): Valle del Cauca. Elevation: 50 m. Type: *A. Hirtz 2053* (MO): Without data. Voucher: *J. Otero et al. 1005*(MO). Notes: Ibid. p. 231.
- Lepanthes petalolenta** Luer & Escobar, Orquideologia 18: 139. 1991. Department(s): Antioquia. Elevation: 1400 m. Type: *A. Cogollo 3907* (JAUM): Colombia. Notes: Ibid. p. 140.
- Lepanthes petalopteryx** Luer & Escobar, Orquideologia 19: 106. 1994. Department(s): Chocó. Elevation: 1600 m. Type: *R. Escobar 5061* (JAUM): Colombia. Notes: Ibid. p. 109.
- Lepanthes phalloides** Luer & Escobar, Orquideologia 21: 154. 1999. Department(s): Boyaca. Elevation: Without data. Type: *C. Luer 16728* (MO): Colombia. Notes: Ibid. p. 155.
- Lepanthes (Brachycladium) pilosella** Rchb.f., Flora 69: 556. 1886. Synonym(s): *Lepanthes dasyphylla* Rchb.f., *Lepanthes peperomioides* Schltr., *Lepanthes saccossepala* L.B. Smith & Harris, *Lepanthes palmariensis* Garay. Department(s): Antioquia. Elevation: 2400 m. Type: *F.C. Lehmann 3217* (W): Colombia. Voucher: *C. Luer 14234* (MO). Source: Monogr. Syst. Bot. Missouri Bot. Gard. 103: 307. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 52: 37.
- Lepanthes pilosiaures** Luer & Escobar, Amer. Orch. Soc. Bull. 53: 262. 1984. Department(s): Antioquia. Elevation: 2700 m. Type: *R. Escobar et al. 2663* (SEL): Colombia. Notes: Ibid.
- Lepanthes pinnatula** Luer & Escobar, Orquideologia 20: 307. 1997. Department(s): Chocó. Elevation: 2680 m. Type: *C. Luer et al. 17676* (MO): Colombia. Notes: Ibid. p. 306.
- Lepanthes planadensis** Luer & Escobar, Orquideologia 18: 141. 1991. Department(s): Nariño. Elevation: 1800 m. Type: *C. Luer 12487* (MO): Colombia. Notes: Ibid. p. 142.
- Lepanthes (Brachycladium) platysepala** Luer & Escobar, Monogr. Syst. Bot. Missouri Bot. Gard. 52: 36. 1994. Department(s): Antioquia. Elevation: 1920 m. Type: *C.*

- Luer et al. 11354* (MO): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 103: 307. Notes: Ibid. p. 39.
- Lepanthes pleurorachis** Luer, Phytologia 54: 363. 1983. Department(s): Antioquia. Elevation: Without data. Type: *C. Luer et al. 7373* (SEL): Ecuador. Voucher: *C. Luer 13027* (MO). Source: Monogr. Syst. Bot. Missouri Bot. Gard. 61: 139; Tropicos database. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 61: 231.
- Lepanthes pleurothallopsis** Luer & Escobar, Orquideologia 19: 107. 1994. Department(s): Quindío. Elevation: 2800 m. Type: *R. Escobar 5007* (MO): Colombia. Notes: Ibid. p. 110.
- Lepanthes popayanensis** Luer & Escobar, Orquideologia 21: 156. 1999. Department(s): Cauca. Elevation: Without data. Type: *C. Luer 16531* (MO): Colombia. Notes: Ibid. p. 157.
- Lepanthes porracea** Luer & Escobar, Orquideologia 20: 309. 1997. Department(s): Risaralda. Elevation: Without data. Type: *R. Escobar s.n.* (JAUM): Colombia. Notes: Ibid. p. 312.
- Lepanthes posadae** Luer & Escobar, Amer. Orch. Soc. Bull. 53: 479. 1984. Department(s): Chocó?. Elevation: 1900 m. Type: *C. Luer 8746* (SEL): Colombia. Notes: Ibid.; Orq. Nat. Col. 5 fig. 1029.
- Lepanthes praemorsa** Luer & Escobar, Orquideologia 18: 143. 1991. Department(s): Antioquia. Elevation: 2000 m. Type: *C. Luer 14207* (MO): Colombia. Notes: Ibid. p. 144.
- Lepanthes (Brachycladium) pseudocaulescens** L. B. Smith & Harris, Bot. Mus. Leaflet 2: 33. 1934. Department(s): Cauca. Elevation: 1750 m. Type: *F. C. Lehman 352* (GH): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 103: 308. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 52: 41.
- Lepanthes pterygion** Luer & Escobar, Amer. Orch. Soc. Bull. 53 (7): 720. 1984. Department(s): Antioquia. Elevation: 2000 m. Type: *R. Escobar et al. 2618* (SEL): Colombia. Notes: Ibid.; Orq. Nat. Col. 5 fig. 1032.
- Lepanthes pyramidalis** Luer & Escobar, Amer. Orch. Soc. Bull. 53: 607. 1984. Department(s): Antioquia. Elevation: 2050 m. Type: *C. Luer et al. 8964* (SEL): Colombia. Notes: Ibid. p. 606; Orq. Nat. Col. 5 fig. 977.
- Lepanthes quadricornis** Luer & Escobar, Orquideologia 19: 108. 1994. Department(s): Nariño. Elevation: Without data. Type: *C. Dodson et al. 18060* (MO): Colombia. Notes: Ibid. p. 110.
- Lepanthes quandi** Luer & Escobar, Amer. Orch. Soc. Bull. 53 (9): 924. 1984. Department(s): Antioquia. Elevation: 2650 m. Type: *C. Luer et al. 10059* (MO): Colombia. Notes: Ibid. p. 925.
- Lepanthes rabei** Foldats, Acta Bot. Venez. 3: 341. 1968. Department(s): Norte de Santander. Elevation: 2850 m. Type: *J. Steyermark et al. 96936* (Without data): Venezuela. Voucher: *C. Luer et al. 10272* (MO). Source: Tropicos database. Notes: Orq. Nat. Col. 5 fig. 1034.
- Lepanthes ramosii** Luer, Orquideologia 22: 45. 2001. Department(s): Chocó. Elevation: 1800 m. Type: *J. Ramos et al. 1176* (CUCV): Colombia. Notes: Ibid. p. 47.
- Lepanthes refracta** Luer, Orquideologia 22: 48. 2001. Department(s): Valle del Cauca. Elevation: Without data. Type: *A. Niessen 071A* (MO): Colombia. Notes: Ibid. p. 49.
- Lepanthes reticulata** Luer & Escobar, Amer. Orch. Soc. Bull. 53: 608. 1984. Department(s): Antioquia. Elevation: 1730 m. Type: *R. Escobar et al. 2650* (SEL): Colombia. Notes: Ibid.; Orq. Nat. Col. 5 fig. 1001.
- Lepanthes rhynchion** Luer, Phytologia 54: 368. 1983. Department(s): Putumayo. Elevation: 2700 m. Type: *C. Luer et al. 3333* (SEL): Ecuador. Voucher: *C. Luer et al. 3158* (SEL). Notes: Orq. Nat. Col. 5 fig. 999.
- Lepanthes ribes** Luer, Selbyana 3: 14. 1976. Department(s): Valle del Cauca. Elevation: 1800 m. Type: *C. Luer et al. 273* (SEL): Ecuador. Voucher: *R. Escobar 8075* (JAUM). Source: Monogr. Syst. Bot. Missouri Bot. Gard. 61: Part two: p. 9. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 61: Part two: p. 11; Orq. Nat. Col. 5 fig. 1047.
- Lepanthes ricourtensis** Luer & Escobar, Orquideologia 19: 111. 1994. Department(s): Nariño. Elevation: 1600 m. Type: *C. Luer et al. 4622* (SEL): Colombia. Notes: Ibid. p. 110.
- Lepanthes rodrigoii** Luer, Orquideologia 20: 198. 1996. Department(s): Antioquia. Elevation: 2700 m. Type: *R. Escobar et al. s.n.* (JAUM): Colombia. Notes: Ibid. p. 199.
- Lepanthes roezliana** Luer & Escobar, Orquideologia 17: 216. 1988. Department(s): Antioquia. Elevation: 2200 m. Type: *C. Luer et al. 9093* (SEL): Colombia. Notes: Ibid. p. 217.
- Lepanthes rutrum** Luer & Escobar, Orquideologia 19: 112. 1994. Department(s): Valle del Cauca. Elevation: 1350 m. Type: *R. Escobar et al. 4005* (MO): Colombia. Notes: Ibid. p. 110.
- Lepanthes saccata** Luer & Escobar, Orquideologia 17: 220. 1988. Department(s): Antioquia. Elevation: 2550 m. Type: *R. Escobar*

- et al.* 3405 (MO): Colombia. Notes: *Ibid.* p. 221.
- Lepanthes scalaris** Luer, *Phytologia* 54: 369. 1983. Department(s): Nariño. Elevation: 3200 m. Type: *C. Luer et al.* 6255 (SEL): Ecuador. Voucher: *C. Luer et al.* 3738 (SEL). Notes: *Monogr. Syst. Bot. Missouri Bot. Gard.* 61: Part three: p. 214.
- Lepanthes schnitteri** Schltr., *Feddes Repert. Beih.* 27: 160. 1924. Department(s): Cundinamarca. Elevation: 2150 m. Type: *R. Schnitter s.n.* (Without data): Colombia. Source: *Protologue*.
- Lepanthes scopulifera** Luer & Escobar, *Orquideologia* 20: 310. 1997. Department(s): Antioquia. Elevation: 2500 m. Type: *C. Luer et al.* 17664 (MO): Colombia. Notes: *Lepanthes scopulifera* Luer, *Rev. Soc. Bol. Bot.* 4 (1) 9. 2003 (Nom. inval.).
- Lepanthes sericinifera** Luer & Escobar, *Amer. Orch. Soc. Bull.* 53 (10): 1048. 1984. Department(s): Antioquia. Elevation: 2500 m. Type: *C. Luer 10032* (SEL): Colombia. Notes: *Ibid.* p. 1049; *Orq. Nat. Col.* 5 fig. 1024.
- Lepanthes setifera** Luer & Escobar, *Amer. Orch. Soc. Bull.* 53: 822. 1984. Department(s): Antioquia. Elevation: 1600 m. Type: *C. Luer et al.* 9863 (MO): Ecuador. Voucher: *R. Escobar 3190* (JAUM). Notes: *Ibid.*; *Orq. Nat. Col.* 2 fig. 262.
- Lepanthes silverstonei** Luer, *Orquideologia* 22: 50. 2001. Department(s): Valle del Cauca. Elevation: 2250 m. Type: *P. Silverstone-Sopkin 2864* (CUVC): Colombia. Notes: *Ibid.* p. 51.
- Lepanthes sinuosa** Luer & Escobar, *Orquideologia* 19: 113. 1994. Department(s): Risaralda. Elevation: 1630 m. Type: *C. Luer et al.* 16846 (MO): Colombia. Notes: *Ibid.* p. 117.
- Lepanthes skeleton** Luer & Escobar, *Amer. Orch. Soc. Bull.* 53: 722. 1984. Department(s): Antioquia. Elevation: 1850 m. Type: *R. Escobar et al.* 3231 (MO): Colombia. Notes: *Ibid.*
- Lepanthes smaragdina** Luer & Escobar, *Orquideologia* 19: 115. 1994. Department(s): Antioquia. Elevation: 1700 m. Type: *R. Escobar 5083* (JAUM): Colombia. Notes: *Ibid.* p. 117.
- Lepanthes solicitator** Luer & Escobar, *Amer. Orch. Soc. Bull.* 54 (1): 58. 1985. Department(s): Norte de Santander. Elevation: 1850 m. Type: *C. Luer et al.* 10328 (MO): Colombia. Notes: *Ibid.* p. 59; *Orq. Nat. Col.* 5 fig. 978.
- Lepanthes spelynx** Luer & Escobar, *Amer. Orch. Soc. Bull.* 54: 586. 1985. Department(s): Norte de Santander. Elevation: 2250 m. Type: *C. Luer et al.* 10329 (JAUM): Colombia. Notes: *Ibid.* p. 587; *Orq. Nat. Col.* 5 fig. 1052.
- Lepanthes stolidilabia** Luer & Escobar, *Orquideologia* 18: 146. 1991. Department(s): Antioquia. Elevation: 2430 m. Type: *C. Luer 14229* (MO): Colombia. Notes: *Ibid.* p. 147; *Orq. Nat. Col.* 5 fig. 1030.
- Lepanthes stenoscleros** Schltr., *Feddes Repert. Spec. Nov. Regni Veg. Beih.* 7: 99. 1920. Department(s): Antioquia. Elevation: Without data. Type: *M. Madero s.n.* (Without data): Colombia. Notes: *Feddes Repert. Spec. Nov. Regni Veg. Beih.* 57: 34.
- Lepanthes steyermarkii** Foldats, *Acta. Bot. Venez.* 3: 346. 1968. Department(s): Santander. Elevation: 2600 m. Type: *J.A. Steyermark 98381* (Without data): Venezuela. Voucher: *C. Luer et al.* 10297 (MO).
- Lepanthes strumosa** Luer & Escobar, *Orquideologia* 16: 151. 1984. Department(s): Antioquia. Elevation: 1850 m. Type: *R. Escobar et al.* 2625 (SEL): Colombia. Notes: *Ibid.* p. 153.
- Lepanthes stupenda** Luer, *Phytologia* 54 (5): 372. 1983. Department(s): Santander. Elevation: Without data. Type: *C. Luer et al.* 6042 (SEL): Ecuador. Voucher: *R. Escobar 5023* (MO). Source: *Monogr. Syst. Bot. Missouri Bot. Gard.* 61: 161. Notes: *Monogr. Syst. Bot. Missouri Bot. Gard.* 61: 241.
- Lepanthes subulata** Luer & Escobar, *Amer. Orch. Soc. Bull.* 53: 609. 1984. Department(s): Antioquia. Elevation: 1850 m. Type: *R. Escobar et al.* 2624 (SEL): Colombia. Notes: *Ibid.* p. 610.
- Lepanthes superposita** Schltr., *Feddes Repert. Spec. Nov. Regni Veg. Beih.* 7: 99. 1920. Department(s): Cauca. Elevation: Without data. Type: *M. Madero s.n.* (Without data): Colombia. Notes: *Feddes Repert. Spec. Nov. Regni Veg. Beih.* 57:34.
- Lepanthes tachirensis** Foldats, *Acta. Bot. Venez.* 3: 348. 1968. Department(s): Chocó. Elevation: 2680 m. Type: *J.A. Steyermark et al.* 98524 (Without data): Venezuela. Voucher: *C. Luer et al.* 17682 (MO). Notes: *Orq. Nat. Col.* 5 fig. 1040.
- Lepanthes tamaënsis** Foldats, *Acta Bot. Venez.* 3: 351. 1968. Department(s): Without data. Elevation: Without data. Type: *J.A. Steyermark 98658* (Without data): Venezuela. Voucher: *C. Luer 14268* (MO). Notes: *Orq. Nat. Col.* 2 fig. 259.
- Lepanthes tanekes** Luer & Escobar, *Orquideologia* 18: 148. 1991. Department(s): Nariño. Elevation: 1600 m. Type: *A. Hirtz et al.* 4625 (SEL): Colombia. Notes: *Ibid.* p. 149.

- Lepanthes telipogoniflora** Schuiteman & A. de Wilde, *Orquideologia* 20: 28 1996. Department(s): Risaralda. Elevation: 500 m. Type: *A. de Wilde et al. 5010* (JAUM); Colombia. Notes: *Ibid.* p. 29.
- Lepanthes tetracola** Luer & Escobar, *Orquideologia* 19: 116. 1994. Department(s): Antioquia?. Elevation: Without data. Type: *C. Luer 16875* (MO); Colombia. Notes: *Ibid.* p. 117.
- Lepanthes tibouchinicola** Luer & Escobar, *Amer. Orch. Soc. Bull.* 52: 1269. 1983. Department(s): Antioquia. Elevation: 2700 m. Type: *R. Escobar 2660* (SEL); Colombia. Notes: *Orq. Nat. Col.* 5 fig. 987.
- Lepanthes tomentosa** Luer, *Lindleyana* 6: 76. 1991. Department(s): Cundinamarca?. Elevation: Without data. Type: *C. Luer 13086* (MO); Colombia. Notes: *Ibid.* p. 80.
- Lepanthes tracheia** Rchb.f., *Flora* 69: 557. 1886. Department(s): Cauca. Elevation: Without data. Type: *Without data*; Colombia. Notes: *Monogr. Syst. Bot. Missouri Bot. Gard.* 61: 245.
- Lepanthes transparens** Luer, *Phytologia* 54: 374. 1983. Department(s): Cauca. Elevation: 3150 m. Type: *C. Luer et al. 6260* (SEL); Colombia. Notes: *Monogr. Syst. Bot. Missouri Bot. Gard.* 61: 245.
- Lepanthes trichocaulis** Luer & Escobar, *Orquideologia* 17: 224. 1988. Department(s): Antioquia. Elevation: 1820 m. Type: *R. Escobar 3245* (MO); Colombia. Notes: *Ibid.* p. 227.
- Lepanthes trifurcata** Luer & Escobar, *Orquideologia* 19: 119. 1994. Department(s): Antioquia?. Elevation: Without data. Type: *C. Luer et al. 16720* (MO); Colombia. Notes: *Ibid.* p. 117.
- Lepanthes trinaría** Luer & Escobar, *Orquideologia* 20: 311. 1997. Department(s): Antioquia. Elevation: 2700 m. Type: *C. Luer 17530* (MO); Colombia. Notes: *Ibid.* p. 312.
- Lepanthes troglodytes** Luer & Escobar, *Amer. Orch. Soc. Bull.* 54 (3): 320. 1984. Department(s): Antioquia. Elevation: 500 m. Type: *C. Luer 10031* (JAUM); Colombia. Notes: *Ibid.* p. 321; *Orq. Nat. Col.* 5 fig. 1045.
- Lepanthes troxis** Luer & Escobar, *Orquideologia* 18: 150. 1991. Department(s): Cundinamarca. Elevation: 2700 m. Type: *C. Luer et al. 10366* (MO); Colombia. Notes: *Ibid.* p. 151; *Orq. Nat. Col.* 5 fig. 1016.
- Lepanthes tsubotae** Luer & Escobar, *Orquideologia* 19: 30. 1993. Department(s): Valle del Cauca. Elevation: 1950 m. Type: *C. Luer 15261* (MO); Colombia. Notes: *Ibid.* p. 29.
- Lepanthes umbonata** Luer & Escobar, *Amer. Orch. Soc. Bull.* 53: 1050. 1984. Department(s): Antioquia. Elevation: 2050 m. Type: *R. Escobar 3206* (MO); Colombia. Notes: *Ibid.*
- Lepanthes uncifera** Luer & Escobar, *Amer. Orch. Soc. Bull.* 53 (5): 480. 1984. Department(s): Antioquia. Elevation: 2700 m. Type: *R. Escobar 3209* (MO); Colombia. Notes: *Ibid.* p. 481; *Orq. Nat. Col.* 2 fig. 275.
- Lepanthes uribei** Luer, *Revista Soc. Boliv. Bot.* 4: 11. 2003. Department(s): Valle del Cauca. Elevation: Without data. Type: *A. Niesen et al. 95* (MO); Colombia. Notes: *Ibid.* p. 13.
- Lepanthes (Brachycladium) ursula** Luer & Escobar, *Monogr. Syst. Bot. Missouri Bot. Gard.* 52: 46. 1994. Department(s): Boyacá. Elevation: 2600 m. Type: *C. Luer et al. 8034* (SEL); Colombia. Source: *Monogr. Syst. Bot. Missouri Bot. Gard.* 103: 308. Notes: *Ibid.* p. 47.
- Lepanthes valenciae** Luer & Escobar, *Amer. Orch. Soc. Bull.* 53 (8): 825. 1984. Department(s): Antioquia. Elevation: 2200 m. Type: *R. Escobar 3185A* (MO); Colombia. Notes: *Ibid.* p. 826.
- Lepanthes vellicata** Luer, *Monogr. Syst. Bot. Missouri Bot. Gard.* 61: 177. 1996. Department(s): Chocó. Elevation: 2000 m. Type: *C. Luer et al. 12419* (MO); Ecuador. Voucher: *C. Luer 16735* (MO). Notes: *Ibid.* p. 248; *Orq. Nat. Col.* 5 fig. 1028.
- Lepanthes venusta** Luer & Escobar, *Orquideologia* 19: 120. 1994. Department(s): Risaralda. Elevation: 2400 m. Type: *C. Luer et al. 16839* (MO); Colombia. Notes: *Ibid.* p. 119.
- Lepanthes viahoënsis** Luer & Escobar, *Orquideologia* 20: 311. 1997. Department(s): Antioquia. Elevation: 2000 m. Type: *C. Luer 17719* (MO); Colombia. Notes: *Ibid.* p. 312.
- Lepanthes vibrissa** Luer & Hirtz, *Lindleyana* 2 (3): 155. 1987. Department(s): Antioquia. Elevation: 2700 m. Type: *C. Luer et al. 11263* (MO); Ecuador. Voucher: *C. Luer et al. 17666* (MO). Notes: *Ibid.* p. 155.
- Lepanthes vieirae** Luer & Escobar, *Orquideologia* 17: 228. 1988. Department(s): Chocó. Elevation: 200 m. Type: *C. Luer 10393* (MO); Colombia. Notes: *Ibid.* p. 231.
- Lepanthes volvox** Luer & Escobar, *Amer. Orch. Soc. Bull.* 53: 481. 1984. Department(s): Antioquia. Elevation: 2800 m. Type: *R. Escobar 3194* (MO); Colombia. Notes: *Ibid.*; *Orq. Nat. Col.* 2 fig. 274.
- Lepanthes wagneri** Rchb.f., *Bonplandia* (Hanover). 3: 70: 1855. Synonym(s): *Lepanthes dalstroemii* Luer. Department(s): Santander. Elevation: Without data. Type: *Wagner*

- s.n.* (?): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 61: 249.
- Lepanthes zapatae** Luer & Escobar, Orquideologia 19: 121. 1994. Department(s): Antioquia. Elevation: Without data. Type: *C. Luer 16724* (MO): Colombia. Notes: *Ibid.* p. 118.
- Lepanthopsis abbreviata** Luer & Hirtz, Monogr. Syst. Bot. Missouri Bot. Gard. 39: 8. 1991. Department(s): Without data. Elevation: Without data. Type: *A. Hirtz 1524* (MO): Ecuador. Voucher: *C. Luer 2176* (SEL). Notes: *Ibid.* p. 9.
- Lepanthopsis acetabulum** Luer, Phytologia 55 (3): 196. 1984. Department(s): Cundinamarca. Elevation: Without data. Type: *S. Dalström 417* (SEL): Ecuador. Voucher: *C. Luer 14270* (MO). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 39: 11; Orq. Nat. Col. 2 fig. 282.
- Lepanthopsis acuminata** Ames, Bot. Mus. Leaf. 6: 70. 1938. Department(s): Valle. Elevation: 1450 m. Type: *Killip 11208* (AMES): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 39: 13; Orq. Nat. Col. 2 fig. 280.
- Lepanthopsis (Expedicula) apoda** (Garay & Dunsterv.) Luer, Monogr. Syst. Bot. Missouri Bot. Gard. 39: 68. 1991. Basionym: *Pleurothallis apoda* Garay & Dunsterville. Synonym(s): *Trichosalpinx apoda* (Garay & Dunsterville) Luer. Department(s): Santander. Elevation: 2700 m. Type: *G.C.K. Dunsterville 596* (AMES): Venezuela. Voucher: *C. Luer et al. 14333* (MO). Source: Monogr. Syst. Bot. Missouri Bot. Gard. 103: 308. Notes: *Ibid.* p. 69.
- Lepanthopsis (Expedicula) dewildei** Luer & Escobar, Monogr. Syst. Bot. Missouri Bot. Gard. 39: 116. 1994. Department(s): Boyacá. Elevation: 3000 m. Type: *A. de Wilde 4436* (MO): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 103: 308. Notes: *Ibid.* p. 117.
- Lepanthopsis floripecten** (Rchb.f.) Ames, Bot. Mus. Leaf. 1(9): 11. 1933. Basionym: *Pleurothallis floripecten* Rchb.f. Synonym(s): *Lepanthes secunda* Barb. Rodr., *Pleurothallis unilateralis* Cogn., *Lepanthopsis unilateralis* (Cogn.) C. Porto & Brade, *Lepanthopsis secunda* (Barb. Rodr.) Hoehne. Department(s): Valle del Cauca. Elevation: 1600 m. Type: *H. Wagener s.n.* (W): Venezuela. Voucher: *C. Luer 13049* (MO). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 39: 35; Orq. Nat. Col. 2 fig. 283.
- Lepanthopsis hirtzii** Luer, Monogr. Syst. Bot. Missouri Bot. Gard. 39: 38. 1991. Department(s): Putumayo. Elevation: 1600 m. Type: *C. Luer et al. 10953* (MO): Ecuador. Voucher: *C. Luer 14217* (MO). Notes: *Ibid.* p. 39.
- Lepanthopsis obliquipetala** (Ames & Schweinf.) Luer, Monogr. Syst. Bot. Missouri Bot. Gard. 39: 76. 1991. Basionym: *Physosiphon obliquipetala* Ames & Schweinf. Synonym(s): *Stelis obliquipetala* (Ames & Schweinf.) L. O. Wms., *Pleurothallis connata* Luer. Department(s): Valle del Cauca. Elevation: 2000 m. Type: *C. H. Lankester 680* (AMES): Costa Rica. Voucher: *F. C. Lehmann 4114* (G). Notes: *Ibid.* p. 77.
- Lepanthopsis peniculus** (Schltr.) Garay, Orch. J. 2: 468. 1954. Basionym: *Pleurothallis peniculus* Schltr. Department(s): Cauca. Elevation: Without data. Type: *M. Madero s.n.* (B, destroyed): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 39: 51; Orq. Nat. Col. 2 fig. 281.
- Lepanthopsis pristis** Luer & Escobar, Orquideologia 16: 27. 1986. Department(s): Antioquia. Elevation: 1650 m. Type: *R. Escobar et al. 3383* (MO): Colombia. Notes: *Ibid.* p. 29.
- Lepanthopsis prolifera** Garay, Orch. J. 2 (10): 468. 1954. Department(s): Norte de Santander. Elevation: 2000 m. Type: *J. Cuatrecasas 12537* (US): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 39: 52.
- Masdevallia aenigma** Luer & Escobar, Selbyana 7: 69. 1982. Department(s): Boyaca. Elevation: 2500 m. Type: *C. Luer et al. 7571* (SEL): Colombia. Notes: Orq. Nat. Col. 6 fig. 1098.
- Masdevallia aguirrei** Luer & Escobar, Harvard Pap. Bot. 9: 1. 1996. Department(s): Valle del Cauca. Elevation: Without data. Type: *C. Luer 17988* (MO): Colombia. Notes: *Ibid.* p. 2.
- Masdevallia akemiana** Königer & Sijm, Arcula 12: 298. 2003. Department(s): Without data. Elevation: Without data. Type: *W. Königer WK-112* (M, Holotype; JAUM Isotype): Colombia.
- Masdevallia alismifolia** Kraenzl., Repert. Spec. Nov. Regni Veg. 17: 422, 1921. Department(s): Nariño. Elevation: 3300 m. Type: *F. C. Lehmann s.n.* (W): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 87: 789. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 87: 790.
- Masdevallia amanda** Rchb.f., Bonplandia (Hanover) 2: 115. 1854. Synonym(s): *Masdevallia gustavii* Rchb.f., *Masdevallia calopterocarpa* Rchb.f., *Masdevallia oligantha* Schltr., *Masdevallia remotiflora* Kraenzl. Department(s): Without data. Elevation: Without data. Type: *Warszewicz s.n.* (W):

- Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 88: 1122.
- Masdevallia anachaete** Rchb.f., *Otia Bot. Hamburg.* 1: 17. 1878. Synonym(s): *Masdevallia vulcanica* F. Lehm. & Kraenzl., *Masdevallia nutans* F. Lehm. & Kraenzl. Department(s): Risaralda. Elevation: 2100 m. Type: *F. C. Lehmann 32* (W); Ecuador. Voucher: *C. Luer et al. 16776* (MO). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 82: 440.
- Masdevallia angulata** Rchb.f., *Otia Bot. Hamburg.* 1: 15. 1878. Synonym(s): *Masdevallia burfordiensis* hort. Department(s): Nariño. Elevation: 1500 m. Type: *F. C. Lehmann s.n.* (W); Ecuador. Voucher: *R. Escobar 3213* (MO). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 82: 273.
- Masdevallia angulifera** Rchb.f. ex Kraenzl., *Repert. Spec. Nov. Regni Veg. Beih.* 34: 19. 1925. Synonym(s): *Masdevallia olivacea* Kraenzl. Department(s): Cauca. Elevation: Without data. Type: *G. Wallis s.n.* (W); Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 87: 990.
- Masdevallia anisomorpha** Garay, *Orquideologia* 5: 79. 1970. Department(s): Antioquia. Elevation: Without data. Type: *G. Escobar 446* (AMES); Colombia. Notes: *Ibid.*; Orq. Nat. Col. 2 fig. 341.
- Masdevallia apparitio** Luer & Escobar, *Orquideologia* 13: 145. 1979. Department(s): Antioquia. Elevation: 2000 m. Type: *R. Escobar 1490* (JAUM); Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 87: 794; Orq. Nat. Col. 2 fig. 309.
- Masdevallia arangoi** Luer & Escobar, *Orquideologia* 13: 149. 1979. Department(s): Antioquia. Elevation: 2000 m. Type: *R. Escobar 1391* (JAUM); Colombia. Notes: *Ibid.* p. 151; Orq. Nat. Col. 6 fig. 1101.
- Masdevallia arminii** Lind. & Rchb.f., *Bonplandia* (Hanover) 2: 283. 1854. Department(s): Norte de Santander. Elevation: 1850 m. Type: *L. Schlim 740* (W); Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 87: 796; Orq. Nat. Col. 6 fig. 1091.
- Masdevallia assurgens** Luer & Escobar, *Orquideologia* 13: 153. 1979. Department(s): Tolima. Elevation: 3500 m. Type: *R. Escobar 830* (JAUM); Colombia. Notes: *Ibid.* p. 154.
- Masdevallia bicolor** Poepp. & Endl., *Nov. Gen. Sp. Pl.* 2: 6. 1838. Synonym(s): *Masdevallia auropurpurea* Rchb.f. & Warsz., *Masdevallia biflora* E. Morren, *Masdevallia peruviana* Rolfe, *Masdevallia aureo-rosea* Weberbauer, *Masdevallia herzogii* Schltr., *Masdevallia subumbellata* Kraenzl., *Masdevallia xanthura* Schltr. Department(s): Norte de Santander. Elevation: 2500 m. Type: *Poeppig 1662* (W); Perú. Voucher: *C. Luer et al. 7802* (MO). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 77: 36.
- Masdevallia bonplandii** Rchb.f., *Bonplandia* (Hanover) 3: 69. 1855. Synonym(s): *Masdevallia uniflora* H.B.K., *Masdevallia sulphurea* F. Lehm. & Kraenzl., *Masdevallia endotrachys* Kraenzl., *Masdevallia porcelliceps* Rchb.f. var. *sulphurea* Kraenzl., *Masdevallia coriacea* Lindl. subsp. *bonplandii* (Rchb.f.) Luer. Department(s): Santander. Elevation: 2900 m. Type: *Humboldt & Bonpland s.n.* (P); Ecuador. Voucher: *C. Luer et al. 7879* (SEL). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 82: 280; Orq. Nat. Col. 6 fig. 1094.
- Masdevallia brockmuelleri** Luer, *Monogr. Syst. Bot. Missouri Bot. Gard.* 87: 805. 2002. Department(s): Without data, probably Eastern Cordillera. Elevation: Without data. Type: *C. Luer 10409* (MO); Colombia. Notes: *Ibid.* p. 806.
- Masdevallia buccinator** Rchb.f. & Warsc., *Bonplandia* (Hanover) 2: 115. 1854. Department(s): Santander. Elevation: 1600 m. Type: *L. Schlim 1181* (W); Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 87: 48.
- Masdevallia cacodes** Luer & Escobar, *Selbyana* 7: 70. 1982. Department(s): Antioquia. Elevation: 1950 m. Type: *C. Luer 1841* (SEL); Colombia.
- Masdevallia caesia** Roez., *L'Orchidophile* 1: 599. 1881. Synonym(s): *Masdevallia deorsum* Rolfe, *Masdevallia metallica* F. Lehm. & Kraenzl. Department(s): Risaralda. Elevation: 2000 m. Type: *F.C. Lehmann s.n.* (K, Holotype *M. deorsum*); Colombia. Voucher: *C. Luer 13051* (MO). Notes: Orq. Nat. Col. 2 fig. 323.
- Masdevallia campyloglossa** Rchb.f., *Gard. Chron. n. s.* 26: 588. 1886. Synonym(s): *Masdevallia heteropetala* Rchb.f., *Masdevallia ortgiesiana* hort. ex Rolfe, *Masdevallia dermatantha* Kraenzl., *Masdevallia sarcophylla* Kraenzl., *Masdevallia fertilis* Kraenzl., *Masdevallia campyloglossa* subsp. *ortgiesiana* (Rolfe) Luer. Department(s): Without data. Elevation: Without data. Type: *Veitch 47* (W); Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 82: 290; Orq. Nat. Col. 6 fig. 1122.
- Masdevallia caudata** Lindl., *Gen. Sp. Orchid. Pl.* 193. 1833. Synonym(s): *Masdevallia tricolor* Rchb.f., *Masdevallia shuttleworthii* Rchb.f., *Masdevallia shuttleworthii* var. *xanthocorys* Rchb.f., *Masdevallia caudata* var. *shuttleworthii* (Rchb.f.) Rchb.f., *Mas-*

- devallia caudata* var. *goudotii* Rchb.f., *Masdevallia caudata* var. *xanthocorys* (Rchb.f.) Veitch, *Masdevallia cucutillensis* Kraenzl. Department(s): Cundinamarca. Elevation: Without data. Type: *J. Goudot s.n.* (K): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 87: 808; Orq. Nat. Col. 2 fig. 311.
- Masdevallia caudivolvula** Kraenzl., Notizbl. Bot. Gart. Berlin-Dahlem 8: 128. 1922. Department(s): Antioquia. Elevation: Without data. Type: *G. Schmidtchen s.n.* (W, Lectotype designated by Luer 2003; Holotype: Kalbreyer 173, destroyed at B): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 91: 1268; Orq. Nat. Col. 2 fig. 327.
- Masdevallia cerastes** Luer & Escobar, Orquideologia 13: 51. 1978. Department(s): Putumayo. Elevation: 2200–2600 m. Type: *C. Luer 2785* (JAUM); Colombia. Notes: Ibid. p. 53.
- Masdevallia clandestina** Luer & Escobar, Selbyana 7: 71. 1982. Department(s): Norte de Santander. Elevation: 2600 m. Type: *C. Luer et al. 7975* (SEL); Colombia.
- Masdevallia coccinea** Lind. ex Lindl., Orch. Linden. 5. 1846. Synonym(s): *Masdevallia militaris* Rchb.f. Warsz., *Masdevallia lindenbergii* André, *Masdevallia coccinea* var. *lindenbergii* André, *Masdevallia harryana* Rchb.f., *Masdevallia harryana* var. *sanguinea* hort., *Masdevallia harryana* var. *coerulensis* Bull., *Masdevallia harryana* var. *laeta* Rchb.f., *Masdevallia lindenbergii* var. *harryana* André, *Masdevallia harryana* var. *denisoniana* hort., *Masdevallia denisonii* Dombrain, *Masdevallia coccinea* var. *versicolor* Veitch, *Masdevallia coccinea* var. *coerulensis* B. S. Willia. Department(s): Santander. Elevation: 2900 m. Type: *J. Linden 1262* (K): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 88: 1062; a complete list of synonyms Ibid. p. 1061.
- Masdevallia copiosa** Kraenzl., Notizbl. Bot. Gart. Berlin-Dahlem 8: 129. 1922. Department(s): Santander. Elevation: Without data. Type: *Kalbreyer 736* (Without data): Colombia.
- Masdevallia coriacea** Lindl., Ann. and Mag. Nat. Hist. 15: 257. 1845. Synonym(s): *Masdevallia ochracea* Burbidge, *Masdevallia bruckmuelleri* Lind. & André, *Masdevallia bogotensis* ex. Gentil. Department(s): Cundinamarca. Elevation: 2710 m. Type: *T. Hartweg s.n.* (K): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 82: 300.
- Masdevallia corniculata** Rchb.f., Gard. Chron. n. s. 9: 72. 1878. Synonym(s): *Masdevallia inflata* Rchb.f., *Masdevallia corniculata* var. *inflata* (Rchb.f.) Veitch, *Masdevallia caliptrata* Kraenzl. Department(s): Santander. Elevation: 2150 m. Type: *Mr. Backhouse s.n.* (W): Colombia. Voucher: *C. Luer et al. 10116* (MO). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 91: 1190; Orq. Nat. Col. 6 fig. 1077.
- Masdevallia crescenticola** F. Lehm. & Kraenzl., Feddes Repert. Beih. 17: 428. 1921. Department(s): Chocó. Elevation: 250 m. Type: *F. C. Lehmann 230* (W): Ecuador. Voucher: *R. Escobar 1459* (JAUM). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 86: 736; Orq. Nat. Col. 6 fig. 1075.
- Masdevallia cucullata** Lindl., Orch. Linden. 4: 1846. Department(s): Cundinamarca. Elevation: 2200 m. Type: *J. Linden 869* (K): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 91: 1192; Orq. Nat. Col. 6 fig. 1075.
- Masdevallia discolor** Luer & Escobar, Orquideologia 15: 129. 1982. Department(s): Cundinamarca. Elevation: 2500 m. Type: *R. Escobar 1915* (JAUM); Colombia. Notes: Ibid. p. 130; Orq. Nat. Col. 6 fig. 1085.
- Masdevallia dryada** Luer & Escobar, Lindleyana 4: 108. 1989. Department(s): Antioquia. Elevation: 1850 m. Type: *C. Luer et al. 14161* (MO); Colombia. Notes: Ibid. p. 109.
- Masdevallia elephanticeps** Rchb.f. & Warsz., Bonplandia (Hanover) 2: 116. 1854. Department(s): Santander. Elevation: 2500 m. Type: *Warszewicz s.n.* (W): Colombia. Notes: Ibid. p. 110; Monogr. Syst. Bot. Missouri Bot. Gard. 82: 304.
- Masdevallia encephala** Luer & Escobar, Orquideologia 13: 56. 1979. Department(s): Santander. Elevation: 2400 m. Type: *R. Escobar 1082* (JAUM); Colombia. Notes: Ibid. p. 69; Orq. Nat. Col. 2 fig. 308.
- Masdevallia erinacea** Rchb.f., Linnaea 41: 11. 1877. Department(s): Antioquia. Elevation: 1880 m. Type: *B. Roezl s.n.* (W): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 82: 458.
- Masdevallia estradae** Rchb.f., Gard. Chron. n. s. 1: 435. 1874. Synonym(s): *Masdevallia estradae* var. *delicata* Rchb.f. Department(s): Without data. Elevation: Without data. Type: *G. Wallis s.n.* (W): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 87: 826; Orq. Nat. Col. 2 fig. 307.
- Masdevallia falcago** Rchb.f., Otia Bot. Hamburg. 1: 16. 1878. Synonym(s): *Masdevallia trionyx* Kraenzl. Department(s): Norte de Santander. Elevation: 2500 m. Type: *Purdie s.n.* (W): Colombia. Voucher: *C. Luer et al. 7684* (SEL). Notes: Monogr. Syst. Bot. Mis-

- souri Bot. Gard. 86: 568; Orq. Nat. Col. 6 fig. 1118.
- Masdevallia fasciata** Rchb.f., Gard. Chron. n. s. 15: 202. 1881. Synonym(s): ?*Masdevallia bathyschista* Schltr., *Masdevallia trinemoidea* Kraeznl., *Masdevallia restrepiodea* Kraeznl., *Masdevallia palmensis* Kraeznl., *Rodrigoa fasciata* (Rchb.f.) Braas. Department(s): Antioquia. Elevation: Without data. Type: *J.B. Norman s.n.* (W, Lectotype designated by Luer 2003): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 91: 1220; Orq. Nat. Col. 6 fig. 1103, 1106.
- Masdevallia filaria** Luer & Escobar, Orquideologia 13: 70. 1978. Synonym(s): *Masdevallia ventricularia* var. *longicaudata* F. Lehm, *Masdevallia ventricularia* subsp. *filaria* (Luer & Escobar) Luer. Department(s): Valle del Cauca. Elevation: 2100 m. Type: *R. Escobar 456e* (JAUM): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 87: 1004; Orq. Nat. Col. 2 fig. 335.
- Masdevallia foetens** Luer & Escobar, Orquideologia 13: 157. 1979. Department(s): Antioquia. Elevation: 2000 m. Type: *R. Escobar 1072* (JAUM): Colombia. Notes: Ibid. 160; Monogr. Syst. Bot. Missouri Bot. Gard. 82: 306.
- Masdevallia fragrans** Woolw., Monogr. Masdev. t. 18. 1896. Department(s): Norte de Santander. Elevation: 3600 m. Type: *F. Woolward s.n.* (BM): Colombia. Voucher: *H. Garcia-Barriga et al. 19714, 19827, 19830* (AMES, COL). Notes: Ibid. 160; Monogr. Syst. Bot. Missouri Bot. Gard. 82: 310.
- Masdevallia gargantua** Rchb.f., Gard. Chron. n. s., 6: 516, 1876. Department(s): Without data. Elevation: Without data. Type: *G. Wallis s.n.* (W): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 82: 312.
- Masdevallia geminiflora** P. Ortiz, Orquideologia 14: 226. 1981. Department(s): Valle del Cauca. Elevation: 1500 m. Type: *P. Ortiz 607* (COL): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 86: 746.
- Masdevallia gilbertoi** Luer & Escobar, Orquideologia 13: 75. 1978. Department(s): Risaralda. Elevation: 2000 m. Type: *R. Escobar 440* (JAUM): Colombia. Notes: Ibid.; Monogr. Syst. Bot. Missouri Bot. Gard. 86: 574.
- Masdevallia herraduræ** F. Lehm. & Kraenzl., Bot. Jahrb. Syst. 26: 455. 1899. Synonym(s): *Masdevallia tenuipes* Schltr., *Masdevallia frontinöensis* Kraenzl. Department(s): Antioquia. Elevation: 1600 m. Type: *F.C. Lehmann 4139* (K): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 86: 750.
- Masdevallia heteroptera** Rchb.f., Gard. Chron. n. s. 3: 590. 1875. Synonym(s): *Masdevallia fissa* Kraenzl., *Rodrigoa heteroptera* (Rchb.f.) Brass. Department(s): Antioquia. Elevation: Without data. Type: *J.B. Norman s.n.* (W, Lectotype designated by Luer 2003): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 91: 1222; Orq. Nat. Col. 6 fig. 1107, 1108.
- Masdevallia hians** Linden & Rchb.f., Bonplandia (Hanover) 2: 283. 1854. Department(s): Norte de Santander. Elevation: 2440 m. Type: *L. Schlim 1163* (W): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 86: 588.
- Masdevallia hieroglyphica** Rchb.f., Gard. Chron. n. s. 18: 230. 1882. Department(s): Norte de Santander. Elevation: 2300 m. Type: *Arnold 82* (W): Colombia. Voucher: *C. Luer et al. 7860* (SEL). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 86: 590.
- Masdevallia hoejjeri** Luer & Hirtz, Lindleyana 1: 184, 1986. Department(s): Antioquia. Elevation: 1700 m. Type: *C. Luer et al. 11905* (MO): Ecuador. Voucher: *R. Escobar 4064* (MO). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 82: 466.
- Masdevallia hortensis** Luer & Escobar, Orquideologia 16: 154. 1984. Department(s): Antioquia. Elevation: 2600 m. Type: *R. Escobar et al. 2707* (SEL): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 91: 1224; Orq. Nat. Col. 2 fig. 340.
- Masdevallia hubeinii** Luer & Würstle, Orchideeën 48: 50. 1986. Department(s): Without data. Elevation: Without data. Type: *B. Würstle 1324* (MO): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 87: 836.
- Masdevallia hylodes** Luer & Escobar, Orquideologia 13: 162. 1979. Department(s): Cauca. Elevation: 3100 m. Type: *R. Escobar et al. 1899* (JAUM): Colombia. Notes: Ibid. p. 165; Monogr. Syst. Bot. Missouri Bot. Gard. 82: 316.
- Masdevallia ignea** Rchb.f., Gard. Chron. 1482, 1871. Synonym(s): *Masdevallia ignea* var. *marshalliana* Rchb.f., *Masdevallia coccinea* Regel, *Masdevallia boddaertii* Linden ex. André, *Masdevallia ignea* var. *boaddaertii* Linden ex. André, *Masdevallia ignea* var. *stobartiana* Rchb.f., *Masdevallia ignea* var. *massangeana* B.S. Williams, *Masdevallia ignea* var. *citrina* hort. ex. Stein, *Masdevallia ignea* var. *splendens* hort. ex. Stein, *Masdevallia ignea* var. *aurantiaca* B.S. Williams, *Masdevallia ignea* var. *armeniaca*

- B.S. Williams. Department(s): Norte de Santander. Elevation: 3700 m. Type: *Veitch & Day 78* (W): Colombia. Voucher: *H. Garcia-Barriga et al. 19729* (AMES, COL). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 91: 1076; a complete list of synonyms Ibid. p. 1075; Orq. Nat. Col. 2, front cover.
- Masdevallia impostor** Luer & Escobar, Orquideologia 13: 166. 1979. Department(s): Antioquia. Elevation: 1800 m. Type: *E. Segura s.n.* (JAUM): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 77: 100; Orq. Nat. Col. 6 fig. 1115.
- Masdevallia indecora** Luer & Escobar, Novon 1: 170, 1991. Department(s): Antioquia. Elevation: 2600 m. Type: *C. Luer 15265* (JAUM): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 82: 468.
- Masdevallia klabochiorum** Rchb.f., Gard. Chron. 5 (1): 720, 1876. Synonym(s): *Masdevallia paisambae* Kraenzl., *Masdevallia aops* Luer & Malo, *Masdevallia xanthina* Rchb.f. subsp. *klabochiorum* (Rchb.f.) Luer. Department(s): Cauca. Elevation: 2700 m. Type: *Klaboch. s.n.* (W): Colombia. Voucher: *F.C. Lehmann 3719* (BM, BR. G, Type of *M. paisanbae*). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 87: 846; Orq. Nat. Col. 6 fig. 1087.
- Masdevallia laevis** Lindl., Ann. and Mag. Nat. Hist. Ser. 15: 257. 1845. Synonym(s): *Masdevallia affinis* Lindl., *Masdevallia lepida* Rchb.f., *Masdevallia pantherina* F. Lehm. & Kraenzl., *Masdevallia petiolaris* Schltr., *Masdevallia gomeziana* F. Lehm. & Kraenzl., *Masdevallia maculigera* Schltr., *Masdevallia chlorotica* Kraenzl., *Masdevallia confusa* Kraenzl., *Masdevallia affinis* subsp. *petiolaris* (Schltr.) Luer, *Masdevallia affinis* subsp. *maculigera* (Schltr.) Luer. Department(s): Cauca. Elevation: 3200 m. Type: *Hartweg s.n.* (K): Colombia. Voucher: *F.C. Lehmann 2204* (G). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 86: 602; Orq. Nat. Col. 6 fig. 1110.
- Masdevallia leontoglossa** Rchb.f., Bonplandia (Hanover) 3: 69. 1855. Department(s): Norte de Santander. Elevation: 2600 m. Type: *H. Wager s.n.* (W): Colombia. Voucher: *C. Luer et al. 7467* (SEL). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 82: 320; Orq. Nat. Col. 6 fig. 1080.
- Masdevallia livingstoneana** Roez l & Rchb.f., Gard. Chron. n. s. 2: 322. 1874. Synonym(s): *Scaphosepalum panamense* Schltr., *Masdevallia livingstoneana* Schltr. sensu Ames, *Masdevallia panamensis* (Schltr.) Ames. Department(s): Chocó. Elevation: Without data. Type: *B. Roez l 74* (W): Panama. Voucher: *J.A. Duke 9911* (NY). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 86: 754.
- Masdevallia ludibunda** Rchb.f., Gard. Chron. 17 (1): 179. 1882. Synonym(s): *Masdevallia estradae* var. *ludibunda* (Rchb.f.) Godfrey. Department(s): Norte de Santander. Elevation: 2100 m. Type: *Sir Trevor Lawrence s.n.* (W): Colombia. Voucher: *C. Luer et al. 11302* (MO). Notes: Ibid. p. 132; Monogr. Syst. Bot. Missouri Bot. Gard. 87: 852; Orq. Nat. Col. 6 fig. 1090.
- Masdevallia ludibundella** Luer & Escobar, Lindleyana 10: 120. 1995. Department(s): Without data. Elevation: Without data. Type: *C. Luer 16881* (MO): Colombia. Notes: Ibid. 122; Monogr. Syst. Bot. Missouri Bot. Gard. 87: 854.
- Masdevallia macrogenia** (Arango) Luer & Escobar, Orquideologia 13: 79. 1978. Basionym: *Masdevallia collina* L. O. Williams var. *macrogenia* Arango. Department(s): Antioquia. Elevation: 1400 m. Type: *O. J. Arango 160* (JAUM): Colombia. Notes: Ibid. pps. 62, 80.; Monogr. Syst. Bot. Missouri Bot. Gard. 82: 376; Orq. Nat. Col. 6 fig. 1090.
- Masdevallia macroglossa** Rchb.f., Otia Bot. Hamburg. 1: 15. 1878. Synonym(s): *Masdevallia porcellicepe* Rchb.f., *Masdevallia gerlachii* Koeniger. Department(s): Norte de Santander. Elevation: 3150 m. Type: *A. Fendler 1373* (W): Venezuela. Voucher: *C. Luer et al. 10244* (MO). Notes: Ibid. p. 122; Monogr. Syst. Bot. Missouri Bot. Gard. 82: 324; Orq. Nat. Col. 6 fig. 1083.
- Masdevallia macrura** Rchb.f., Gard. Chron. n. s. 1: 240. 1874. Department(s): Antioquia. Elevation: 2600 m. Type: *B. Roez l s.n.* (W): Colombia. Voucher: *R. Escobar 438* (JAUM, SEL). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 82: 328; Orq. Nat. Col. 2 fig. 320.
- Masdevallia mandarina** (Luer & Escobar) Luer, Monogr. Syst. Bot. Missouri Bot. Gard. 87: 857. 2002. Basionym: *Masdevallia xanthina* Rchb.f. subsp. *mandarina* Luer & Escobar. Department(s): Antioquia. Elevation: 2350 m. Type: *C. Luer et al. 11383* (MO): Colombia. Notes: Ibid. p. 858; Orq. Nat. Col. 6 fig. 1088.
- Masdevallia marthae** Luer & Escobar, Orquideologia 13: 84. 1978. Department(s): Risaralda. Elevation: 2400 m. Type: *R. Escobar 452* (JAUM): Colombia. Voucher: *C. Luer et al. 16833* (MO). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 87: 1014; Orq. Nat. Col. 2 fig. 334.
- Masdevallia mastodon** Rchb.f., Bonplandia

- (Hanover)3: 69. 1855. Department(s): Norte de Santander. Elevation: 1830 m. Type: *H. Wagenser s.n.* (W): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 86: 628.
- Masdevallia medusa** Luer & Escobar, Selbyana 7: 72. 1982. Department(s): Boyaca. Elevation: 3360 m. Type: *C. Luer et al. 8025* (SEL): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 77: 122.
- Masdevallia mejiana** Garay, Orquideologia 5: 17. 1970. Department(s): Antioquia. Elevation: 500 m. Type: *G. Escobar 426* (AMES): Colombia. Voucher: *O. J. Arango 38* (JAUM). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 82: 418; Orq. Nat. Col. 6 fig. 1114.
- Masdevallia melanoxantha** Lindl. & Rchb.f., Bonplandia (Hanover) 2: 283. 1854. Synonym(s): *Masdevallia asperrima* Kraenzl. Department(s): Norte de Santander. Elevation: 1520 m. Type: *L. Schlim 1166* (W): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 77: 124.
- Masdevallia meleagris** Lindl., Ann. and Mag. Nat. Hist. 15: 257. 1845. Synonym(s): *Rodrigoa meleagris* (Lindl.) Braas. Department(s): Boyaca. Elevation: Without data. Type: *T. Hartweg s.n.* (K): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 91: 1226; Orq. Nat. Col. 6 fig. 1099.
- Masdevallia minuta** Lindl., Ann. Mag. Nat. Hist. 12: 396. 1843. Synonym(s): *Masdevallia surinamensis* Focke. Department(s): Amazonas. Elevation: Without data. Type: *O. Hostmann 151* (K): Suriname. Voucher: *Dawe 243* (K). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 86: 758.
- Masdevallia misasii** Braas, Orchidee 33: 148. 1982. Synonym(s): *Masdevallia reflexa* Misas. Department(s): Santander. Elevation: 2400 m. Type: *Berta de Laserna s.n.* (JAUM): Colombia. Voucher: *C. Luer et al. 10106* (MO). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 82: 332; Orq. Nat. Col. 1096.
- Masdevallia molossus** Rchb.f., Linnaea 41: 10. 1877. Synonym(s): *Masdevallia antioquiensis* F. Lehm. & Kraenzl., *Masdevallia schmidtchenii* Kraenzl. Department(s): Antioquia. Elevation: 1900 m. Type: *Roezl s.n.* (W): Colombia. Voucher: *C. Luer et al. 8816* (SEL). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 91: 1252; Orq. Nat. Col. 2 fig. 328.
- Masdevallia mooreana** Rchb.f., Gard. Chron. n. s. 21: 408. 1884. Synonym(s): *Masdevallia sororcula* Rchb.f., *Masdevallia atrovioleacea* Kraenzl. Department(s): Norte de Santander. Elevation: 2700 m. Type: *F. W. Moore s.n.* (W): Without data. Voucher: *C. Luer 1844* (SEL). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 91: 334; Orq. Nat. Col. 6 fig. 1095.
- Masdevallia mutica** Luer & Escobar, Orquideologia 13: 88. 1978. Department(s): Risaralda. Elevation: 2000 m. Type: *R. Escobar 1483* (JAUM): Colombia. Voucher: *C. Luer 16717* (MO). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 91: 1202.
- Masdevallia nidifica** Rchb.f., Otia Bot. Hamburg. 1: 18. 1878. Synonym(s): *Masdevallia cyathogastra* Schltr., *Masdevallia tenuicaudata* Schltr. Department(s): Norte de Santander. Elevation: 2150 m. Type: *F. C. Lehmann 24* (W): Ecuador. Voucher: *C. Luer et al. 10346* (MO). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 91: 1256.
- Masdevallia niesseniae** Luer, Monogr. Syst. Bot. Missouri Bot. Gard. 65: 110, 1998. Department(s): Valle del Cauca. Elevation: 1550 m. Type: *C. Luer 18189* (MO): Colombia. Notes: Ibid. p. 112.
- Masdevallia nivea** (Luer & Escobar) Luer & Escobar, Thes. Masdev. 13: t.9, 1989. Basionym: *Masdevallia purpurella* Luer & Escobar subsp. *nivea* Luer & Escobar. Department(s): Santander. Elevation: 2840 m. Type: *C. Luer 12960* (MO): Colombia. Notes: Ibid. p. 120; Monogr. Syst. Bot. Missouri Bot. Gard. 87: 862.
- Masdevallia norae** Luer, Lindleyana 3: 44. 1988. Department(s): Amazonas. Elevation: 200 m. Type: *C. Luer 8082* (SEL): Venezuela. Voucher: *T. Plowman et al. 2430* (AMES). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 77: 132.
- Masdevallia odontocera** Luer & Escobar, Selbyana 7: 73. 1982. Department(s): Norte de Santander. Elevation: 2050 m. Type: *C. Luer et al. 7933* (SEL): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 86: 642.
- Masdevallia oscarrii** Luer & Escobar, Orquideologia 13: 175. 1979. Department(s): Chocó. Elevation: 1800–2000 m. Type: *R. Escobar 849* (JAUM): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 82: 340.
- Masdevallia os-draconis** Luer & Escobar, Orquideologia 13: 92. 1979. Department(s): Risaralda. Elevation: 2000–2200 m. Type: *R. Escobar 1766* (JAUM): Colombia. Notes: Ibid. p. 95; Monogr. Syst. Bot. Missouri Bot. Gard. 87: 1026.
- Masdevallia pachyantha** Rchb.f., Gard. Chron. n. s. 21: 174. 1884. Synonym(s): *Masdevallia hoppii* Schltr., *Masdevallia pachyantha* var. *hoppii* (Schltr.) Kraenzl. Department(s): Cauca. Elevation: Without data.

- Type: *Cross s.n.* (W): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 82: 342; Orq. 16: 91.
- Masdevallia pachysepala** (Rchb.f.) Luer, Lindleyana 9: 245. 1994. Basionym: *Masdevallia elephanticeps* var. *pachysepala* Rchb.f. Department(s): Norte de Santander. Elevation: 3170 m. Type: *L. Schlim 410* (W): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 82: 344.
- Masdevallia pardina** Rchb.f., Otia Bot. Hamburg. 1: 15. 1878. Synonym(s): *Masdevallia aequatorialis* F. Lehm. & Kraenzl. Department(s): Nariño. Elevation: 3000 m. Type: *J. H. Chesterton s.n.* (W): Colombia. Voucher: *L. E. Mora 2583* (AMES, PSO). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 82: 346.
- Masdevallia parvula** Schltr., Repert. Spec. Nov. Regni Veg. Beih. 8: 49. 1921. Synonym(s): *Masdevallia diversifolia* Kraenzl., *Rodrigoa diversifolia* (Kraenzl.) Brass. Department(s): Antioquia. Elevation: 2500 m. Type: *L. Jost. 1678* (MO, Neotype; Holotype A. Sodiro *s.n.* destroyed at B): Ecuador. Voucher: *R. Escobar 8344* (JAUM). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 91: 1232; Orq. 9: 155.
- Masdevallia pastinata** Luer, Harvard Pap. Bot. 11: 60. 1997. Department(s): Chocó?. Elevation: Without data. Type: *C. Luer 18425* (MO): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 77: 142.
- Masdevallia peristeria** Rchb.f., Gard. Chron. n.s., 1: 500, 1874. Synonym(s): *Masdevallia ellipes* Rchb.f., *Masdevallia haematosticta* Rchb.f. *Masdevallia peristeria* ssp. *haematosticta* (Rchb.f.) Luer. Department(s): Risaralda. Elevation: 2000 m. Type: *G. Wallis s.n.* (W): Colombia. Voucher: *C. Luer 2030* (SEL). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 82: 348.
- Masdevallia peristeria** Rchb.f. ssp. *peristeria*, Gard. Chron. n. s. 1: 500. 1874. Department(s): Without data. Elevation: Without data. Type: *Without data*: Colombia. Source: Lindleyana 3: 1988. Notes: Orq. Nat. Col. 6 fig. 1076.
- Masdevallia pescadoënsis** Luer & Escobar, Orquideologia 13: 179. 1979. Department(s): Antioquia. Elevation: 700 m. Type: *R. Escobar 1092* (JAUM): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 86: 764.
- Masdevallia picturata** Rchb.f., Otia Bot. Hamburg. 1: 16. 1878. Synonym(s): *Masdevallia meleagris* Lindl. sensu Rchb.f., *Masdevallia picturata* var. *minor* Cogn., *Masdevallia ocanensis* Kraenzl., *Masdevallia cryptocopis* (Kraenzl.) Braas, *Masdevallia picturata* subsp. *minor* (Cogn.) Luer. Department(s): Quindío. Elevation: 1800 m. Type: *H. Wagener s.n.* (W): Venezuela. Voucher: *P. Viveros 782* (HUQ). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 91: 1206.
- Masdevallia pileata** Luer & Würstle, Orchideeën 48: 50. 1986. Department(s): Without data. Elevation: Without data. Type: *C. Luer 8132* (SEL): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 87: 872; Orq. Nat. Col. 2 fig. 305.
- Masdevallia planadensis** Luer & Escobar, Lindleyana 3: 50. 1988. Department(s): Nariño. Elevation: 1800 m. Type: *C. Luer 12488* (MO): Colombia. Notes: Orq. Nat. Col. 2 fig. 243; Monogr. Syst. Bot. Missouri Bot. Gard. 91: 1236.
- Masdevallia platyglossa** Rchb.f., Gard. Chron. n. s. 18: 552. 1882. Synonym(s): *Lothiania bilabiata* Kraenzl., *Masdevallia bilabiata* (Kraenzl.) Garay, *Rodrigoa bilabiata* (Kraenzl.) Brass. Department(s): Santander. Elevation: 2200 m. Type: *Sir Trevor Lawrence s.n.* (W): Colombia. Voucher: *C. Luer et al. 8055* (SEL). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 82: 354.
- Masdevallia posadae** Luer & Escobar, Selbyana 7: 74. 1982. Synonym(s): *Masdevallia sijmiana* Koeniger. Department(s): Nariño. Elevation: Without data. Type: *C. Luer 2936* (SEL): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 77: 152.
- Masdevallia pteroglossa** Schltr., Repert. Spec. Nov. Regni Veg. Beih. 7: 81. 1920. Synonym(s): *Masdevallia xerophylla* F. Lehm. & Kraenzl., *Masdevallia wagenieriana* var. *colombiana* Braas. Department(s): Antioquia. Elevation: Without data. Type: *C. Luer 10450* (Neotype at MO; Holotype *M. Madero s.n.* destroyed at B): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 87: 960.
- Masdevallia pterygiophora** Luer & Escobar, Lindleyana 3: 50. 1988. Department(s): Antioquia. Elevation: 2000 m. Type: *C. Luer 2288* (SEL): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 82: 486.
- Masdevallia pumila** Poepp. & Endl., Nov. Gen. Sp. Pl. 2: 6, t. 108, 1838. Synonym(s): *Masdevallia filamentosa* Kraenzl., *Masdevallia grandiflora* C. Schweinf. Department(s): Cauca. Elevation: 1700 m. Type: *Poeppig s.n.* (W): Perú. Voucher: *P. Ortiz 442* (COL). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 86: 656.
- Masdevallia purpurella** Luer & Escobar, Orquideologia 15: 136. 1982. Department(s):

- Santander. Elevation: 2400 m. Type: *R. Escobar 1469* (JAUM): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 87: 878; Orq. Nat. Col. 6 fig. 1084.
- Masdevallia pygmaea** Kraenzl., Repert. Spec. Nov. Regni Veg. Beih. 34: 92. 1925. Synonym(s): *Masdevallia muriculata* Kraenzl., *Masdevallia exigua* Ames & C. Schweif. Department(s): Antioquia. Elevation: Without data. Type: *A. Endres 289* (W): Costa Rica. Voucher: *C. Luer 1835* (SEL). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 82: 488.
- Masdevallia racemosa** Lindl., Ann. Mag. Nat. Hist. ser. 1, 15: 256. 1845. Synonym(s): *Masdevallia racemosa* var. *crossii* hort. Department(s): Cauca. Elevation: 3700 m. Type: *T. Hartweg 1432* (K): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 91: 1098.
- Masdevallia renzii** Luer, Lindleyana 10: 232. 1995. Department(s): Cundinamarca. Elevation: 2400 m. Type: *J. Renz 8461* (Herb J. Renz): Colombia. Notes: Ibid. p. 233; Monogr. Syst. Bot. Missouri Bot. Gard. 87: 880.
- Masdevallia rhinophora** Luer & Escobar, Lindleyana 10: 126. 1995. Department(s): Norte de Santander. Elevation: 2100 m. Type: *C. Luer 16879* (MO): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 87: 884.
- Masdevallia rosea** Lindl. ssp. *echinata* (Luer & Andreetta) Luer, Lindleyana 3: 59. 1988. Synonym(s): *Masdevallia echinata* Luer & Andreetta, *Masdevallia rosea* sensu Veitch, *Masdevallia rosea* sensu Woolward. Department(s): Nariño. Elevation: 2550 m. Type: *C. Luer 3315* (Holotype of *Masdevallia echinata*, SEL): Ecuador. Voucher: *F.C. Lehmann 203* (AMES, BM, G, K, LE, NY). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 91: 1083; Orq. Nat. Col. 2 fig. 324.
- Masdevallia saltatrix** Rchb.f., Linnaea 41: 10. 1877. Department(s): Antioquia. Elevation: Without data. Type: *Roezl s.n.* (W): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 87: 1032.
- Masdevallia sanctae-fidei** Kraenzl., Repert. Spec. Nov. Regni Veg. Beih. 17: 414. 1921. Synonym(s): *Masdevallia dispar* Luer. Department(s): Cundinamarca. Elevation: Without data. Type: *Man 1015* (W): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 77: 166; Orq. Nat. Col. 6 fig. 1111.
- Masdevallia sanctae-rosae** Kraenzl., Bull. Misc. Inform. 102, 1925. Synonym(s): *Pleurothallis sanctae-rosae* (Kraenzl.) Garay. Department(s): Antioquia. Elevation: 2600 m. Type: *F.C. Lehmann 7269* (K): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 82: 358.
- Masdevallia sceptrum** Rchb.f., Bonplandia (Hanover) 1: 283. 1854. Synonym(s): *Masdevallia urostachya* Rchb.f., *Masdevallia schlimii* var. *sceptrum* (Rchb.f.) Woolw., *Masdevallia rechingiana* Kraenzl. Department(s): Santander. Elevation: 2600 m. Type: *L. Schlim 1200* (W): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 77: 170.
- Masdevallia schizantha** Kraenzl., Notizbl. Bot. Gart. Berlin.-Dahlem 8: 134. 1922. Department(s): Norte de Santander. Elevation: 2100 m. Type: *C. Luer et al. 10327* (MO, Neotype; Holotype *W. Kalbreyer 1095* destroyed at B): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 87: 890.
- Masdevallia schizopetala** Kraenzl., Bull. Misc. Inform. 101, 1925. Synonym(s): *Masdevallia morenoi* Luer. Department(s): Caldas. Elevation: 1400 m. Type: *F.C. Lehmann 3836* (K): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 82: 496.
- Masdevallia schlimii** Lindl. ex Lindl., Orch. Linden. 5: 1846. Synonym(s): *Masdevallia polyantha* Lindl., *Masdevallia schlimii* var. *polyantha* (Lindl.) Woolw. Department(s): Norte de Santander. Elevation: 2500 m. Type: *J. Linden 666* (K): Venezuela. Voucher: *C. Luer 2328* (SEL). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 77: 254.
- Masdevallia schmidt-mummii** Luer & Escobar, Orquideologia 13: 96. 1978. Department(s): Antioquia. Elevation: 2400 m. Type: *R. Escobar 1822* (JAUM): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 87: 892.
- Masdevallia scobina** Luer & Escobar, Lindleyana 7: 75, 1982. Department(s): Antioquia. Elevation: 2150 m. Type: *C. Luer 1904* (SEL): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 77: 178.
- Masdevallia segurae** Luer & Escobar, Orquideologia 13: 100. 1978. Synonym(s): *Rodrigoa segurae* (Luer & Escobar) Braas. Department(s): Antioquia. Elevation: 2100 m. Type: *R. Escobar 1601* (JAUM): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 91: 1238.
- Masdevallia sernae** Luer & Escobar, Orquideologia 13: 184. 1978. Synonym(s): *Masdevallia carolloi* Luer & Andreetta. Department(s): Putumayo. Elevation: 800 m. Type: *R. Escobar 1820* (JAUM): Colombia.

- Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 77: 182.
- Masdevallia stenorhynchos** Kraenzl., Notizbl. Bot. Gart. Berlin 8: 130. 1922. Department(s): Antioquia. Elevation: 2000 m. Type: *C. Luer 1682* (SEL, Neotype; Holotype *Kalbreyer 1528* destroyed at B): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 77: 186.
- Masdevallia strumifera** Rchb.f., Flora 69: 560. 1886. Synonym(s): *Masdevallia chrysochaete* F. Lehm., *Masdevallia maxillariiformis* F. Lehm. & Kraenzl. Department(s): Norte de Santander. Elevation: 3550 m. Type: *F.C. Lehmann 2720* (W): Colombia. Voucher: *L. Schlim 503* (BR, K). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 86: 675.
- Masdevallia strumosa** P. Ortiz & E. Calderón, Orquideologia 22: 120. 2002. Department(s): Valle del Cauca. Elevation: 3200 m. Type: *E. Calderon 110C* (FMB): Colombia. Notes: Ibid. pp. 122, 123.
- Masdevallia sumapazensis** P. Ortiz, Orquideologia 14: 223. 1981. Department(s): Cundinamarca. Elevation: 3250 m. Type: *P. Ortiz 314* (SEL): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 82: 364.
- Masdevallia thienii** Dodson, Selbyana 2: 54. 1977. Department(s): Chocó. Elevation: 100 m. Type: *C. Dodson et al. 1133* (SEL): Ecuador. Voucher: *O. Haught 5446* (US). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 77: 260; Orq. Nat. Col. 2 fig. 312.
- Masdevallia torta** Rchb.f., Gard. Chron. n. s. 19: 110. 1883. Department(s): Without data. Elevation: Without data. Type: *Mr. Bull. s.n.* (W): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 82: 366.
- Masdevallia triangularis** Lindl., Orch. Linden. 5. 1846. Department(s): Santander. Elevation: 2590 m. Type: *J. Linden 1471* (K): Venezuela. Voucher: *L. Schlim 1704* (K, LE). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 87: 896.
- Masdevallia tridens** Rchb.f., Otia Bot. Hamb. 1: 13. 1879. Synonym(s): *Masdevallia jubar* Luer & Malo. Department(s): Valle del Cauca. Elevation: Without data. Type: *W. Jameson s.n.* (K): Ecuador. Voucher: *M. Rao 124* (MO). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 91: 1178.
- Masdevallia trigonopetala** Kraenzl., Kew Bull. 1925: 105. Department(s): Putumayo. Elevation: 1700 m. Type: *F. C. Lehmann 345* (K): Colombia. Voucher: *P. Ortiz 988* (herb. P. Ortiz). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 86: 688.
- Masdevallia trochilus** Lind. & André, Illustr. Hortic. 21: t. 180. 1874. Synonym(s): *Masdevallia ephippium* Rchb.f., *Masdevallia colibri* Burbidge, *Masdevallia acrocordonia* Rchb.f., *Masdevallia ephippium* var. *acrocordonia* (Rchb.f.) Woolw. Department(s): Antioquia. Elevation: Without data. Type: *G. Wallis s.n.* (W): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 77: 196; Orq. Nat. Col. 2 fig. 314.
- Masdevallia tsubotae** Luer, Lindleyana 9: 114. 1994. Department(s): Without data. Elevation: Without data. Type: *C. Luer 15515* (MO): Colombia. Notes: Ibid. p. 113.
- Masdevallia tubulosa** Lindl., Orch. Linden. 4: 1846. Synonym(s): *Masdevallia stenantha* F. Lehm. & Kraenzl., *Masdevallia casta* Kraenzl., *Masdevallia syringodes* Luer & Andreetta, *Masdevallia tubulosa* Lindl. subsp. *syringoides* (Luer & Andreetta) Luer. Department(s): Norte de Santander. Elevation: 2500 m. Type: *J. Linden 685* (K): Venezuela. Voucher: *C. Luer et al. 7797* (AMES, SEL). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 86: 692..
- Masdevallia uncifera** Rchb.f., Otia Bot. Hamburg. 1: 16. 1878. Synonym(s): *Masdevallia chrysonera* F. Lehm. & Kraenzl., *Masdevallia flaccida* Kraenzl., *Masdevallia pastensis* Kraenzl. Department(s): Nariño. Elevation: 3100 m. Type: *W. Jameson s.n.* (K): Colombia. Voucher: *H. C. Barclay et al. 9427* (MO). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 91: 698.
- Masdevallia urceolaris** Kraenzl., Notizbl. Bot. Gart. Berlin 8: 132. 1922. Synonym(s): *Masdevallia kalbreyeri* Rchb.f. ex Kraenzl. Department(s): Norte de Santander. Elevation: 3000 m. Type: *Kalbreyer 545* (B, presumably destroyed): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 86: 702.
- Masdevallia ustulata** Luer, Phytologia 54: 384. 1983. Department(s): Santander. Elevation: 2400 m. Type: *C. Luer et al. 1660* (SEL): Ecuador. Voucher: *C. Luer et al. 14131* (MO). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 86: 704.
- Masdevallia valenciae** Luer & Escobar, Orquideologia 16: 36. 1986. Department(s): Norte de Santander. Elevation: 2900 m. Type: *C. Luer 11309* (JAUM): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 87: 902; Orq. Nat. Col. 2 fig. 321.
- Masdevallia vargasii** C. Schweinf., Amer. Orch. Soc. Bull. 19: 34. 1950. Synonym(s): *Masdevallia richteri* Pabst, *Masdevallia megaloglossa* Luer & Escobar. Department(s): Putumayo. Elevation: 800 m. Type: *C. Vargas 5528* (Herb. Vargas): Perú.

- Voucher: *R. Escobar 1984* (JAUM). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 77: 202; Orq. Nat. Col. 6 fig. 1119.
- Masdevallia velella** Luer, Monogr. Syst. Bot. Missouri Bot. Gard. 87: 367a. 2002. Department(s): Antioquia. Elevation: Without data. Type: *Rao 85* (MO): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 87: 368.
- Masdevallia velifera** Rchb.f., Gard. Chron. n. s. 1: 406. 1874; n. s. 2: 98. 1874. Synonym(s): *Masdevallia valifera* Sphalm, *Masdevallia vilifera* Sphalm. Department(s): Antioquia. Elevation: Without data. Type: *Patin. s.n.* (K): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 82: 368; Orq. Nat. Col. 2 fig. 315.
- Masdevallia ventricularia** Rchb.f., Otia Bot. Hamb. 1: 14. 1878. Synonym(s): *Masdevallia ventricularia* var. *brevicaudata* Kraenzl. Department(s): Antioquia. Elevation: 2000 m. Type: *F. C. Lehmann 23* (W): Ecuador. Voucher: *C. Luer et al. 14209* (MO). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 87: 1040.
- Masdevallia vieirana** Luer & Escobar, Lindleyana 3: 211. 1988. Department(s): Antioquia. Elevation: 500 m. Type: *C. Luer 13055* (MO): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 82: 508; Orq. Nat. Col. 6 fig. 1112.
- Masdevallia villegasii** Königer, Arcula 9: 253. 1999. Department(s): Without data. Elevation: Without data. Type: *W. Koniger WK-96* (M): Colombia. Notes: Ibid. p. 254; cultivated.
- Masdevallia vittatula** Luer & Escobar, Harvard Pap. Bot. 9: 9. 1996. Department(s): Nariño. Elevation: Without data. Type: *C. Luer 17983* (MO): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 87: 1180.
- Masdevallia wendlandiana** Rchb.f., Gard. Chron. ser. 1: 174, 1887. Synonym(s): *Masdevallia yauaperyensis* Barb. Rodr., *Masdevallia ulei* Schltr., *Masdevallia rodrigueziana* Mansf. Department(s): Without data. Elevation: Without data. Type: *H. Wendland s.n.* (W): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 86: 774; Orq. Nat. Col. 2 fig. 332.
- Masdevallia wuerstlei** Luer, Monogr. Syst. Bot. Missouri Bot. Gard. 76: 154. 1999. Department(s): Without data. Elevation: Without data. Type: *C. Luer 8129* (SEL): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 77: 262.
- Masdevallia × alvaroi** Luer & Escobar, Orquideologia 13: 47. 1978. Department(s): Antioquia. Elevation: 2280 m. Type: *R. Escobar 434* (JAUM): Colombia. Notes: Ibid. p. 49; Orq. Nat. Col. 2 fig. 331.
- Masdevallia × ligiae** Luer & Escobar, Orquideologia 15: 131. 1982. Department(s): Without data. Elevation: Without data. Type: *C. Luer 6727* (JAUM): Colombia. Notes: Ibid. p. 132; Monogr. Syst. Bot. Missouri Bot. Gard. 87: 1010.
- Masdevallia × senghasiana** Luer, Lindleyana 9: 248. 1994. Department(s): Without data. Elevation: Without data. Type: *K. Senghas 524* (HEID): Colombia. Notes: Ibid. p. 249.
- Masdevallia × strumella** Luer, Schlechteriana 1(2): 9, 1988. Department(s): Santander. Elevation: 2950 m. Type: *C. Luer et al. 10180* (MO): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 86: 674.
- Masdevallia × mystica** Luer, Lindleyana 4: 119. 1989. Department(s): Without data. Elevation: Without data. Type: *C. Luer 13793* (MO): Colombia. Notes: Ibid. p. 120; Monogr. Syst. Bot. Missouri Bot. Gard. 87: 1022.
- Masdevallia xanthina** Rchb.f., Gard. Chron. n. s. 13: 681. 1880. Synonym(s): *Masdevallia estradae* Rchb.f. var. *xanthina* (Rchb.f.) Veitch, *Masdevallia xanthina* var. *pallida* Woolward, *Masdevallia pallida* (Woolward) Luer, *Masdevallia xanthina* Rchb.f. subsp. *pallida* (Woolward) Luer. Department(s): Antioquia. Elevation: 2150 m. Type: *Veitch 165* (W): Colombia. Voucher: *F. C. Lehmann 4287* (K, LE). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 87: 912.
- Masdevallia xylina** Rchb.f., Bot. Zeit. 31: 390. 1873. Department(s): Magdalena? Elevation: Without data. Type: *B. Roetzl 717* (W): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 77: 220.
- Masdevallia zahlbruckneri** Kraenzl., Repert. Spec. Nov. Regni Veg. 17: 413. 1921. Synonym(s): *Masdevallia humilis* Luer. Department(s): Antioquia. Elevation: 1700 m. Type: *A. Endres 463* (W): Costa Rica. Voucher: *L. Agudelo s.n.* (JAUM). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 82: 510; Orq. Nat. Col. 6 fig. 1120.
- Masdevallia zapatae** Luer & Escobar, Novon 1(4): 175. 1991. Department(s): Antioquia. Elevation: 1500 m. Type: *R. Escobar 4054* (JAUM): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 82: 378.
- Myoxanthus affinis** (Lindl.) Luer, Selbyana 7: 35: 1982. Basionym: *Pleurothallis affinis* Lindley. Synonym(s): *Pleurothallis rigidifolia* Reichb.f., *Humboldtia affinis* (Lindley) Kuntze, *Humboldtia rigidifolia* (Lindley) Kuntze, *Pleurothallis furfuracea* F. Lehm. & Kraenzl. Department(s): Antioquia. Ele-

- vation: 1500 m. Type: *Mathews 1899* (K): Perú. Voucher: *E.L. Core 1312* (NY). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 44: 15; Orq. Nat. Col. 3 fig. 390.
- Myoxanthus aspasicensis** (Rchb.f.) Monogr. Syst. Bot. Missouri Bot. Gard. 44: 100. 1992. Basionym: *Pleurothallis aspasicensis* Reichb.f. Synonym(s): *Humboldtia aspasicences* (Rchb.f.) Kuntze, *Pleurothallis alexandrae* Schltr., *Pleurothallis pastacensis* Luer, *Myoxanthus pastacencicis* (Luer) Luer. Department(s): Norte de Santander. Elevation: Without data. Type: *H. Wagener 618* (K): Colombia. Notes: *Ibid.* p. 103.
- Myoxanthus ceratohallii** (Rchb.f.) Luer, Selbyana 7: 36. 1982. Basionym: *Pleurothallis ceratohallii* Rchb.f. Synonym(s): *Pleurothallis longipes* Körnicke, *Dubois-Reimondia lancipetala* Karst, *Humboldtia ceratohallii* (Rchb.f.) Kuntze, *Pleurothallis lancipetala* (Karst) Schltr., *Pleurothallis herzogii* Schltr. *Myoxanthus herzogii* (Schltr.) Luer. Department(s): Cauca. Elevation: 2550 m. Type: *H. Wagener 1073* (W): Venezuela. Voucher: *F. W. Penell* (AMES, K). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 44: 21; Orq. Nat. Col. 6 fig. 1162.
- Myoxanthus cimex** (Luer & Escobar) Luer, Selbyana 7: 36. 1982. Basionym: *Pleurothallis cimex* Luer & Escobar. Department(s): Risaralda. Elevation: 1700 m. Type: *C. Luer 2321* (JAUM): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 44: 24.
- Myoxanthus epibator** Luer & Escobar, Monogr. Syst. Bot. Missouri Bot. Gard. 44: 30. 1992. Department(s): Antioquia. Elevation: Without data. Type: *C. Luer 14312* (MO): Colombia. Notes: *Ibid.* p. 33.
- Myoxanthus exasperatus** (Lindl.) Luer, Selbyana 7: 36. 1982. Basionym: *Pleurothallis exasperata* Lindley. Synonym(s): *Pleurothallis peduncularis* Lindley, *Anathallis parahybunensis* Barb. Rodr., *Humboldtia exasperata* (Lindley) Kuntze, *Humboldtia peduncularis* (Lindley) Kuntze, *Pleurothallis macropus* Schltr., *Myoxanthus parahybunensis* (Barb. Rodr.) Luer. Department(s): Antioquia. Elevation: 1850 m. Type: *A. Fendler 1490* (K): Venezuela. Voucher: *L. Albert de Escobar et al. 3400* (MO). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 44: 37.
- Myoxanthus hystrix** (Rchb.f.) Luer, Selbyana 7: 43. 1982. Basionym: *Pleurothallis hystrix* Rchb.f. Synonym(s): *Pleurothallis lonchophylla* Rchb.f., *Humboldtia hystrix* (Rchb.f.) Kuntze. Department(s): Cauca. Elevation: 2500 m. Type: *H. Wagener s.n.* (W): Venezuela. Voucher: *F. C. Lehmann 3613, 3619* (G). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 44: 51; Orq. Nat. Col. 3 fig. 391.
- Myoxanthus melittanthus** (Schltr.) Luer, Selbyana 7: 47. 1982. Basionym: *Pleurothallis melittantha* Schltr. Department(s): Nariño. Elevation: 3000 m. Type: *W. Hopp 136* (Without data): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 44: 57; Orq. Nat. Col. 3 fig. 392.
- Myoxanthus monophyllus** Poepp. & Endl., Nov. Gen. Sp. Pl. 1: 50, t. 88. Synonym(s): *Pleurothallis poeppigii* Lindley, *Humboldtia poeppigii* (Lindley) Kuntze, *Pleurothallis myoxanthus* Schltr. Department(s): Cauca. Elevation: Without data. Type: *Poepgg. 1743* (W): Perú. Voucher: *E. André 2553* (K). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 44: 61.
- Myoxanthus montanus** P. Ortiz, Orquideologia 20 (3): 320. 1997. Department(s): Cundinamarca. Elevation: 1750 m. Type: *P. Ortiz 937* (HPUJ): Colombia. Notes: *Ibid.* p. 322.
- Myoxanthus reymondii** (Karst.) Luer, Selbyana 7: 49. 1982. Basionym: *Duboisia reymondii* Karst. Synonym(s): *Dubois-Reymondia palpigera* Karst., *Pleurothallis reymondii* (Karst.) Rchb.f., *Humboldtia reymondii* (Karst.) Kuntze, *Pleurothallis palpigera* (Karst.) Schltr. Department(s): Antioquia. Elevation: 1900 m. Type: *H. Wagener s.n.* (W): Venezuela. Voucher: *C. Luer et al. 9056* (SEL). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 44: 75; Orq. Nat. Col. 3 fig. 393.
- Myoxanthus speciosus** (Luer) Luer, Selbyana 7: 51. 1982. Basionym: *Pleurothallis speciosa* Luer. Department(s): Cundinamarca. Elevation: 2850 m. Type: *C. Luer et al. 1371* (SEL): Panama. Voucher: *M. Schneider 168* (AMES). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 44: 87.
- Myoxanthus trachychlamys** (Schltr.) Luer, Selbyana 7: 51. 1982. Basionym: *Pleurothallis trachychlamys* Schltr. Synonym(s): *Pleurothallis cymbicalli* Pabst. Department(s): Amazonas. Elevation: Without data. Type: *C.W. Powell 215* (AMES): Panama. Voucher: *R.E. Schultes 8584* (AMES, Type of *Pleurothallis cymbicalli*). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 44: 89.
- Myoxanthus uxorius** (Luer) Luer, Selbyana 7: 51. 1982. Basionym: *Pleurothallis uxoria* Luer. Department(s): Antioquia. Elevation: Without data. Type: *C. Luer et al. 2533* (SEL): Ecuador. Voucher: *W. Teague s.n.* (MO). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 44: 91.
- Octomeria brevifolia** Cogn. in C.F.P.von Mar-

- tius & auct. suc. (eds.), Fl. Bras. 3 (4): 643. Department(s): Valle del Cauca. Elevation: 50 m. Type: *B. Rod. s.n.* (?); Brazil. Voucher: *A. Gentry et al. 56714* (MO)
- Octomeria colombiana** Schltr., Feddes Repert. Spec. Nov. Regni Veg. Beih. 7: 121. 1920. Department(s): Cauca. Elevation: Without data. Type: *M. Madero s.n.* (Without data): Colombia.
- Octomeria erosilabia** C. Schweinf., Bot. Mus. Leaf. 3: 85. 1935. Department(s): Amazonas. Elevation: Without data. Type: *G. Jenman 1989* (K); British Guiana. Voucher: *J. Duivenvoorden et al. 1379* (MO). Notes: Orchids Venezuela, ed. 2: 634.
- Octomeria gemmula** Carnevali & I. Ramírez, Ernstia 39: 15. 1986. Department(s): Vaupés. Elevation: Without data. Type: *G. Carnevali et al. 1715* (VEN); Venezuela. Voucher: *Schultes 17516* (AMES, MO). Source: Novon 3: 118.1993.
- Octomeria grandiflora** Lindl., Bot. Reg. 28 (Misc.): 64. 1842. Synonym(s): *Octomeria surinamensis* H.Focke, *Octomeris robusta* Barb. Rodr., *Octomeria robusta* Rchb.f., *Octomeria seegeriana* Kraenzl., *Octomeria boliviensis* Rolfe, *Octomeria similis* Schltr., *Octomeria ruthiana* Hoehne. Department(s): Quindío. Elevation: 3600 m. Type: *Messrs. Loddiges 60?* (Without data): Brazil. Voucher: *J.L. Luteyn 13060* (COL). Notes: synonyms from Kew Monocots checklist, not reconfirmed.
- Octomeria harantiana** Bock, Orchidee 35: 49. 1984. Department(s): Chocó. Elevation: 50 m. Type: *Bock 10* (K); Colombia. Source: Protologue. Notes: Ibid. p. 50.
- Octomeria longerepens** Schltr., Feddes Repert. Beih. 27: 58. 1924. Department(s): Putumayo. Elevation: 530 m. Type: *W. Hopp 80* (Without data): Colombia. Source: Protologue. Notes: Original collection data: Mulado oberhalb Mocoa Territorio del Caqueta.
- Octomeria longifolia** Schltr., Feddes Repert. Beih. 27: 58. 1924. Department(s): Putumayo. Elevation: 530 m. Type: *W. Hopp 78, 86* (Without data): Colombia. Source: Protologue. Notes: Original collection data: Mulado oberhalb Mocoa Territorio del Caqueta.
- Octomeria mocoana** Schltr., Feddes Repert. Beih. 27: 59. 1924. Department(s): Putumayo. Elevation: 530 m. Type: *W. Hopp 76* (Without data): Colombia. Source: Protologue. Notes: Original collection data: Mulado oberhalb Mocoa Territorio del Caqueta.
- Octomeria schultesii** Pabst, Arq. Bot. Estado São Paulo 3: 268 (1962). Department(s): Vaupes. Elevation: Without data. Type: *R.E. Schultes 10148* (IAN); Colombia. Source: Protologue.
- Ophidion cunabulum** (Luer & Escobar) Luer, Selbyana 7: 79. 1982. Basionym: *Cryptophoranthus cunabulum* Luer & Escobar. Department(s): Antioquia. Elevation: Without data. Type: *C. Luer 2165* (SEL); Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 209; Orq. Nat. Col. 3 fig. 449.
- Ophidion dasyglossum** (Luer & Escobar) Luer, Selbyana 7: 80. 1982. Basionym: *Cryptophoranthus dasyglossus* Luer & Escobar. Department(s): Chocó. Elevation: Without data. Type: *R. Escobar 1627* (JAUM); Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 209; Orq. Nat. Col. 3 fig. 451.
- Ophidion pleurothallopsis** (Kraenzl.) Luer, Selbyana 7: 80. 1982. Basionym: *Cryptophoranthus pleurothallopsis* Kraenzl. Synonym(s): *Cryptophoranthus auriculatus* Garay. Department(s): Antioquia. Elevation: 1300 m. Type: *F.C. Lehmann 7272* (K); Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 209; Orq. Nat. Col. 3 fig. 450.
- Platystele acutilingua** Kapuler & Hascal, Amer. Orch. Soc. Bull. 35: 544. 1966. Department(s): Chocó. Elevation: Without data. Type: *V.C. Kapuler et al. 268* (COL); Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 38: 18.
- Platystele alucitae** Luer, Phytologia 46: 355. 1980. Synonym(s): *Platystele cuculligera* P. Ortiz. Department(s): Antioquia. Elevation: Without data. Type: *C. Luer et al. 3943* (SEL); Ecuador. Voucher: *P. Ortiz 969* (COL, Type of *Platystele cuculligera*). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 38: 21.
- Platystele argentosa** Luer & Escobar, Monogr. Syst. Bot. Missouri Bot. Gard. 38: 22. 1990. Department(s): Antioquia. Elevation: 1300 m. Type: *A. Cogollo et al. 3137* (JAUM); Colombia. Notes: Ibid. p. 23; Orq. Nat. Col. 6 fig. 1204.
- Platystele beatricis** P. Ortiz, Orquideologia 22: 126. 2002. Department(s): Valle del Cauca. Elevation: Without data. Type: *P. Ortiz 1095* (COL); Colombia. Notes: Ibid. p. 128.
- Platystele calantha** P. Ortiz, Orquideologia 12: 138. 1977. Department(s): Antioquia. Elevation: 2050 m. Type: *R. Escobar 1414* (COL); Colombia. Notes: Ibid. p. 139.
- Platystele caudatisepala** (C. Schweinf.) Garay, Orquideologia 9: 119. 1974. Basionym:

- Pleurothallis caudatisejala* C. Schweinf. Department(s): Valle del Cauca. Elevation: 1400 m. Type: *A.M. Brenes (259)- 1445* (AMES): Costa Rica. Voucher: *R. Escobar et al. 4001* (MO). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 38: 29.
- Platystele consobrina** Luer, Monogr. Syst. Bot. Missouri Bot. Gard. 38: 32. 1990. Department(s): Antioquia. Elevation: 2200 m. Type: *C. Luer 14769* (MO): Colombia. Notes: Ibid. p. 33.
- Platystele dasyglossa** P. Ortiz, Orquideologia 14: 18. 1979. Department(s): Chocó. Elevation: Without data. Type: *R. Escobar 1857* (COL): Colombia. Notes: Ibid. p. 19.
- Platystele densiflora** P. Ortiz, Orquideologia 12: 140. 1977. Department(s): Antioquia. Elevation: 1900 m. Type: *P. Ortiz 909* (COL): Colombia. Notes: Ibid. p. 141.
- Platystele dewildei** Luer & Escobar, Monogr. Syst. Bot. Missouri Bot. Gard. 52: 121. 1994. Department(s): Risaralda. Elevation: 2150 m. Type: *A. de Wilde 3908* (MO): Colombia. Notes: Ibid. p. 123.
- Platystele examen-culicum** Luer, Selbyana 3: 28. 1976. Synonym(s): *Platystele culex* Luer & Escobar. Department(s): Antioquia. Elevation: 2700 m. Type: *C. Luer et al. 574* (SEL): Ecuador. Voucher: *C. Luer et al. 10084* (MO). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 38: 45.
- Platystele filamentosa** Luer, Monogr. Syst. Bot. Missouri Bot. Gard. 38: 46. 1990. Department(s): Nariño. Elevation: Without data. Type: *C. Dodson et al. 18051* (MO): Colombia. Notes: Ibid. p. 47.
- Platystele gyroglossa** Luer, Selbyana 3: 228. 1977. Synonym(s): *Platystele porphyroglossa* P. Ortiz. Department(s): Putumayo. Elevation: Without data. Type: *C. Luer et al. 208* (SEL): Ecuador. Voucher: *P. Ortiz 971* (COL, Type of *Platystele porphyroglossa*). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 38: 50.
- Platystele lehmannii** Luer, Monogr. Syst. Bot. Missouri Bot. Gard. 52: 124. 1994. Department(s): Cauca. Elevation: 1550 m. Type: *F.C. Lehmann 7090* (K): Colombia. Notes: Ibid. p. 85.
- Platystele londonoana** Luer & Escobar, Monogr. Syst. Bot. Missouri Bot. Gard. 38: 59. 1990. Department(s): Without data. Elevation: Without data. Type: *C. Luer 14301* (MO): Colombia. Notes: Ibid. p. 60.
- Platystele megaloglossa** Luer & Escobar, Orquideologia 16: 39. 1986. Department(s): Antioquia. Elevation: 2050 m. Type: *C. Luer et al. 11374* (JAUM): Colombia. Notes: Ibid. p. 42.
- Platystele microglossa** P. Ortiz, Orquideologia 14: 212. 1981. Synonym(s): *Platystele gemmula* Luer. Department(s): Nariño. Elevation: 1600 m. Type: *R. Escobar 1748* (COL): Colombia. Voucher: *C. Luer et al. 4581* (SEL, Holotype of *Platystele gemmula*). Notes: Ibid. p. 213.
- Platystele microscopica** Luer, Phytologia 46: 356. 1980. Department(s): Nariño. Elevation: 1600 m. Type: *C. Luer 4608* (SEL): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 38: 66.
- Platystele misasiana** P. Ortiz, Orquideologia 14: 214. 1981. Department(s): Antioquia. Elevation: 2050 m. Type: *P. Ortiz 960* (COL): Colombia. Voucher: *C. Luer et al. 11369* (MO). Notes: Ibid.
- Platystele orchestris** P. Ortiz, Orquideologia 14: 20. 1979. Department(s): Chocó. Elevation: Without data. Type: *C. Misas 10* (COL): Colombia. Notes: Ibid. Monogr. Syst. Bot. Missouri Bot. Gard. 38: 79.
- Platystele orectoglossa** P. Ortiz, Orquideologia 14: 22. 1979. Department(s): Antioquia. Elevation: 2000 m. Type: *R. Escobar et al. 1053* (COL): Colombia. Voucher: *F. C. Lehmann 3208* (G). Notes: Ibid. Monogr. Syst. Bot. Missouri Bot. Gard. 38: 79.
- Platystele ortiziana** Luer & Escobar, Monogr. Syst. Bot. Missouri Bot. Gard. 38: 80. 1990. Department(s): Without data. Elevation: Without data. Type: *C. Luer 13092* (MO): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 38: 82; Orq. Nat. Col. 3 fig. 483.
- Platystele oxyglossa** (Schltr.) Garay, Orquideologia 9: 120. 1974. Basionym: *Pleurothallis oxyglossa* Schltr. Synonym(s): *Pleurothallis schulzeana* Schltr., *Pleurothallis pygmaea* Höene, *Platystele brasiliensis* Brade, *Platystele pygmaea* (Hoehne) Garay; *Platystele schulzeana* (Schltr.) Garay. Department(s): Antioquia. Elevation: 1850 m. Type: *A. Chater et al. 20368* (MO): Mexico. Voucher: *C. Luer et al. 14175* (MO). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 38: 87; Orq. Nat. Col. 3 fig. 486.
- Platystele papillosa** Luer, Monogr. Syst. Bot. Missouri Bot. Gard. 52: 127. 1994. Department(s): Cauca. Elevation: 3000–3500 m. Type: *F. C. Lehmann s.n.* (K): Colombia. Notes: Ibid. p. 129.
- Platystele pisifera** (Lindl.) Luer, Selbyana 3: 232. 1976. Basionym: *Pleurothallis pisifera* Lindley. Synonym(s): *Humboldtia pisifera* (Lindley) Kuntze, *Platystele hypsitera* Luer & Escobar. Department(s): Santander. Elevation: 2600 m. Type: *Jameson s.n.* (K): Ecuador. Voucher: *C. Luer et al. 7898* (SEL).

- Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 38: 95; Orq. Nat. Col. 6 fig. 1205.
- Platystele posadarum** Luer & Escobar, Monogr. Syst. Bot. Missouri Bot. Gard. 38: 96. 1990. Department(s): Risaralda. Elevation: Without data. Type: *C. Luer 7451* (SEL): Colombia. Notes: Ibid. p. 97; Orq. Nat. Col. 6 fig. 1206.
- Platystele pyriformis** Luer, Monogr. Syst. Bot. Missouri Bot. Gard. 38: 99. 1990. Department(s): Antioquia. Elevation: Without data. Type: *C. Luer 676* (SEL): Colombia. Notes: Ibid. p. 101.
- Platystele rhinocera** Luer & Hirtz, Monogr. Syst. Bot. Missouri Bot. Gard. 38: 108. 1990. Department(s): Nariño. Elevation: 1800 m. Type: *C. Luer 12493* (MO): Colombia. Notes: Ibid. p. 110.
- Platystele risaraldae** Luer & Escobar, Monogr. Syst. Bot. Missouri Bot. Gard. 52: 130. 1994. Department(s): Risaralda. Elevation: 1950 m. Type: *A. de Wilde 326* (MO): Colombia. Notes: Ibid. p. 131.
- Platystele schmidtchenii** Schltr., Repert. Spec. Nov. Regni Veg. Beih. 27: 166. 1924. Synonym(s): *Platystele escobariana* Garay. Department(s): Antioquia. Elevation: 2000 m. Type: *G. Schmidtchen s.n.* (B, destroyed): Colombia. Voucher: *G. Escobar 155* (AMES, Type of *Platystele escobariana*). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 38: 112.
- Platystele schneideri** P. Ortiz, Orquideologia 14: 24. 1979. Department(s): Cundinamarca. Elevation: 2400 m. Type: *P. Ortiz 48* (COL): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 38: 113; Orq. Nat. Col. 3 fig. 485.
- Platystele stenostachya** (Rchb.f.) Garay, Caldasia 8: 520. 1962. Basionym: *Pleurothallis stenostachya* Rchb.f. Synonym(s): *Pleurothallis dubia* A. Rich. & Gal., *Pleurothallis minutiflora* S. Watson, *Humboldtia dubia* (A. Rich. & Gal.) Kuntze, *Humboldtia stenostachya* (Rchb.f.) Kuntze, *Pleurothallis myriantha* F. Lehm. & Kraenzl., *Pleurothallis lankesteri* Rolfe, *Pleurothallis dubia* var. *myriantha* (F. Lehm. & Kraenzl.) Schltr., *Pleurothallis stenostachya* var. *lankesteri* (Rolfe) Ames. Department(s): Chocó. Elevation: 1300 m. Type: *R. L. Dressler 1438* (AMES): Mexico. Voucher: *J. Cuatrecasas 15642* (AMES). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 38: 119.
- Platystele stonyx** Luer, Monogr. Syst. Bot. Missouri Bot. Gard. 38: 122. 1990. Department(s): Nariño. Elevation: 3000 m. Type: *C. Luer et al. 12519* (MO): Colombia. Notes: Ibid. p. 123.
- Platystele umbellata** P. Ortiz, Orquideologia 12: 136. 1977. Department(s): Antioquia. Elevation: 600 m. Type: *P. Ortiz 916* (COL): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 38: 127.
- Pleurothallis (Vestigium) abortiva** Luer, Phytologia 47: 72. 1980. Department(s): Nariño. Elevation: 1950 m. Type: *C. Luer et al. 4547* (SEL): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 103: 309.
- Pleurothallis acuminata** (H.B.K.) Lindl., Bot. Reg. 28: Misc. p. 70. 1842. Basionym: *Dendrobium acuminatum* H.B.K. Synonym(s): *Specklinia acuminata* (H.B.K.) Lindl., *Pleurothallis aurea* Lindl., *Anathallis racemosa* Barb. Rodr., *Humboldtia acuminata* (H.B.K.) Kuntze, *Humboldtia aurea* (Lindl.) Kuntze, *Pleurothallis racemosa* (Barb. Rodr.) Cogn., *Pleurothallis nigro-hirsuta* Kraenzl., *Pleurothallis brittonii* Rolfe, *Pleurothallis ochroleuca* Schltr., *Pleurothallis tenuifolia* C. Schweinf., *Pleurothallis angustisepala* C. Schweinf. Department(s): Quindío. Elevation: 1650 m. Type: *Humboldt & Bonpland s.n.* (P); Perú. Voucher: *P. Viveros et al. 35* (HUQ). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 76: 126.
- Pleurothallis (Acronia) acutilabia** Luer, Orquideologia 21: 116. 1999. Department(s): Chocó. Elevation: 1900 m. Type: *J.E. Ramos et al. 1225* (CUVC, MO): Colombia. Notes: Ibid. p. 117; Monogr. Syst. Bot. Missouri Bot. Gard. 103: 208.
- Pleurothallis (Acronia) aguirrei** Luer & Escobar, Orquideologia 22: 255. 2003. Department(s): Nariño. Elevation: 1500 m. Type: *R. Escobar 8310* (MO): Colombia. Notes: Ibid. p. 257; Monogr. Syst. Bot. Missouri Bot. Gard. 103: 210.
- Pleurothallis (Acronia) altimonile** Luer & Escobar, Orquideologia 14: 120. 1981. Synonym(s): *Zosterophyllanthos altimonile* (Luer & R. Escobar) Szlach. & Marg. Department(s): Without data. Elevation: Without data. Type: *C. Luer 2339* (JAUM): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 103: 86. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 103: 210.
- Pleurothallis alvaroi** Luer & Escobar, Orquideologia 14: 122. 1981. Department(s): Antioquia, Quindío. Elevation: 1840 m. Type: *C. Luer 2088* (SEL): Colombia. Voucher: *P. Viveros et al. 796* (HUQ). Notes: Ibid. p. 125; Orq. Nat. Col. 3 fig. 521.
- Pleurothallis (Unciferia) amaliae** Luer & Escobar, Orquideologia 14: 124. 1981. Department(s): Cauca. Elevation: Without data. Type: *C. Luer 3006* (SEL): Colombia.

Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 265. Notes: Ibid. p. 127.

Pleurothallis (Acronia) ambyx Luer & Escobar, Orquideologia 14: 126. 1981. Synonym(s): *Zosterophyllanthos ambyx* (Luer & R. Escobar) Szlach. & Marg. Department(s): Cundinamarca. Elevation: Without data. Type: *C. Luer 2045* (SEL): Colombia. Notes: Ibid. p. 129; Monogr. Syst. Bot. Missouri Bot. Gard. 103: 210.

Pleurothallis amphigya Luer & Escobar, Orquideologia 14: 128. 1981. Department(s): Cundinamarca. Elevation: Without data. Type: *C. Luer 2047* (SEL): Colombia. Notes: Ibid. p. 129.

Pleurothallis (Ancipitia) anceps Luer, Selbyana 5: 159. 1979. Department(s): Without data. Elevation: Without data. Type: *Madison et al. s.n.* (SEL): Ecuador. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 254. Voucher: *C. Luer 2056* (SEL).

Pleurothallis (Unciferia) ancistra Luer & Hirtz, Lindleyana 11: 144. 1996. Department(s): Cauca. Elevation: 2750 m. Type: *A. Hirtz 1469* (MO): Ecuador. Voucher: *F.C. Lehmann s.n.* (K). Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 265. Notes: Ibid.

Pleurothallis (Kraenzlinella) anfracta Luer, Monogr. Syst. Bot. Missouri Bot. Gard. 52: 92. 1994. Basionym: *Pleurothallis anfracta* Luer. Department(s): Tolima. Elevation: 1500 m. Type: *F.C. Lehmann 2388* (G): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 52: 93.

Pleurothallis antennifera Lindl., Folia Orch. Pleuroth. 30: 1859. Synonym(s): *Pleurothallis cyclochyla* Lindl., *Pleurothallis incurva* Lindl., *Humboldtia antennifera* (Lindl.) Kuntze, *Humboldtia cyclochyla* (Lindl.) Kuntze, *Humboldtia incurva* (Lindl.) Kuntze. Department(s): Antioquia. Elevation: 2500 m. Type: *W. Jameson 84* (K): Ecuador. Voucher: *C. Luer 14239* (MO).

Pleurothallis (Ancipitia) anthrax Luer & Escobar, Orquideologia 14: 130. 1981. Department(s): Putumayo. Elevation: 2200 m. Type: *C. Luer et al. 3724* (SEL): Colombia. Monogr. Syst. Bot. Missouri Bot. Gard. 95: 254. Notes: Ibid. p. 131.

Pleurothallis aphthosa Lindl., Bot. Reg. 29: Misc. p. 42. 1838. Synonym(s): *Pleurothallis foetens* Lindl., *Pleurothallis pelioxantha* Barb. Rodr., *Pleurothallis macrophyta* Barb. Rodr., *Humboldtia foetens* (Lindl.) Kuntze, *Pleurothallis ciliata* var. *abbreviata* C. Schweinf., *Acianthera aptosa* (Lindl.) Pridgeon & Chase. Department(s): Cauca. Elevation: 1000 m. Type: *Without data* (K):

Mexico or Guatemala?. Voucher: *F. C. Lehmann s.n.* (K). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 83.

Pleurothallis (Acronia) ascera Luer & Escobar, Orquideologia 20: 36. 1996. Department(s): Valle del Cauca. Elevation: 1800 m. Type: *R. Escobar 5052* (JAUM, Holotype; MO, Isotype): Colombia. Notes: Ibid. p. 37; Monogr. Syst. Bot. Missouri Bot. Gard. 103: 212.

Pleurothallis (Crocodelanthe) batillacea Luer, Selbyana 3: 58. 1976. Department(s): Putumayo. Elevation: 2700 m. Type: *C. Luer et al. 853* (SEL): Ecuador. Voucher: *C. Luer et al. 3142* (SEL). Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 256. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 65: 13.

Pleurothallis (Acronia) baudoënsis Luer & Escobar, Orquideologia 21: 73. 1998. Department(s): Chocó. Elevation: 400 m. Type: *A. de Wilde 3915* (MO): Colombia. Notes: Ibid. p. 74; Monogr. Syst. Bot. Missouri Bot. Gard. 103: 213.

Pleurothallis (Acronia) belocardia Schltr., Repert. Spec. Nov. Regni Veg. Beih. 27: 161. Department(s): Cundinamarca. Elevation: 2300 m. Type: *H. Hopf. s.n.* (Without data): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 103: 93.

Pleurothallis bicochlearis Luer, Orquideologia 21: 118. 1999. Department(s): Chocó. Elevation: 2250 m. Type: *P. Silverstone-Sopkin et al. 4282* (CUVC, MO): Colombia. Notes: Ibid. p. 119.

Pleurothallis bicornis Lindl., Folia Orch. Pleuroth. 7. 1859. Synonym(s): *Humboldtia bicornis* (Lindl.) Kuntze. Department(s): Norte de Santander. Elevation: 2850 m. Type: *C. Luer et al. 3421* (SEL): Ecuador. Voucher: *C. Luer et al. 10266* (MO). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 76: 73.

Pleurothallis (Acronia) bivalvis Lindl., Orch. Linden. 2. 1846. Synonym(s): *Pleurothallis cardium* Rchb.f., *Pleurothallis lansbergii* Regel, *Pleurothallis lansbergiana* Regel, *Pleurothallis cardiantha* Rchb.f., *Humboldtia bivalvis* (Lindl.) Kuntze, *Humboldtia cardium* (Rchb.f.) Kuntze, *Pleurothallis stenocardium* Schltr., *Pleurothallis pichinchae* Schltr., *Pleurothallis sigsigensis* Schltr., *Pleurothallis chanchamoyoensis* Schltr., *Pleurothallis ignivomi* Schltr., *Pleurothallis fuscata* Braid, *Pleurothallis phaeantha* Schltr., *Pleurothallis angusta* Ames & Schweinf., *Pleurothallis archidiconi* Ames, *Pleurothallis antonensis* L.O. Williams, *Pleurothallis harlingii* Garay, *Pleurothallis lilianiae* Luer, *Zosterophyllan-*

- thos ignivomi* (Schltr.) Szlach. & Marg. Department(s): Antioquia. Elevation: 1900 m. Type: *J. Linden 1480* (K): Venezuela. Voucher: *R. Fonnegra 3492* (HUA, MO). Notes: Selbyana 1: 411; Monogr. Syst. Bot. Missouri Bot. Gard. 103: 214–215.
- Pleurothallis (Acronia) bovilingua** Luer & Escobar, *Orquideologia* 21: 75. 1998. Department(s): Without data. Elevation: Without data. Type: *G. Escobar 986* (AMES): Colombia. Notes: Ibid. p. 76; Monogr. Syst. Bot. Missouri Bot. Gard. 103: 216.
- Pleurothallis brevicaulis** Schltr., Feddes Rept. Beih. 7: 101. 1920. Department(s): Cauca. Elevation: 1650 m. Type: *F. C. Lehmann 8205* (Without data): Colombia.
- Pleurothallis (Crocodelanthe) bucaramanga** Luer & Escobar, *Orquideologia* 20: 38. 1996. Department(s): Santander. Elevation: 3300 m. Type: *C. Luer et al. 10107* (MO): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 256. Notes: Ibid. p. 39.
- Pleurothallis (Acronia) calamifolia** Luer & Escobar, *Orquideologia* 20: 40. 1996. Department(s): Norte de Santander. Elevation: 2100 m. Type: *C. Luer et al. 10325* (MO): Colombia. Notes: Ibid. p. 41; Monogr. Syst. Bot. Missouri Bot. Gard. 103: 217.
- Pleurothallis (Acronia) calceolaris** Rchb.f., *Linnaea* 41: 15. 1877. Synonym(s): *Pleurothallis fornix* Luer & R. Escobar, *Zosterophyllanthos fornix* (Luer & R. Escobar) Szlach. & Marg. Department(s): Antioquia. Elevation: 2180 m. Type: *B. Roezl s.n.* (W): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 103: 100. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 103: 217.
- Pleurothallis (Specklinia) calderae** Luer, *Orquideologia* 22: 53. 2001. Department(s): Antioquia. Elevation: 800 m. Type: *C. Luer 14273* (MO): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 259. Notes: Ibid. p. 55.
- Pleurothallis (Acronia) calogramma** Luer, *Orquideologia* 22 (3) 256. 2003. Department(s): Antioquia. Elevation: 2440 m. Type: *C. Luer 2115* (SEL): Colombia. Notes: Ibid. p. 258; Monogr. Syst. Bot. Missouri Bot. Gard. 103: 218.
- Pleurothallis (Acronia) calolalax** Luer & Escobar, *Orquideologia* 21: 78. 1998. Department(s): Antioquia. Elevation: 2430 m. Type: *C. Luer et al. 17693* (JAUM, Holotype; MO, Isotype): Colombia. Notes: Ibid. p. 79; Monogr. Syst. Bot. Missouri Bot. Gard. 103: 218.
- Pleurothallis calvariola** Luer & Escobar, *Orquideologia* 14: 136. 1981. Department(s): Cauca. Elevation: 3070 m. Type: *C. Luer et al. 3056* (SEL): Colombia. Notes: Ibid. p. 137.
- Pleurothallis (Acronia) canaligera** Rchb.f., *Linnaea* 41: 15. 1877. Synonym(s): *Pleurothallis syrigifolia* Kraenzl., *Pleurothallis scaphioglottis* Schltr. Department(s): Risaralda. Elevation: 2550 m. Type: *Roezl s.n.* (W): Colombia. Voucher: *J. Wolf 1469* (COL, MO). Source: Monogr. Syst. Bot. Missouri Bot. Gard. 103: 102. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 103: 218; Type without collection data.
- Pleurothallis (Acronia) canidentis** Luer & Escobar, *Orquideologia* 21: 80. 1998. Department(s): Antioquia. Elevation: 2400 m. Type: *R. Escobar 5228* (JAUM): Colombia. Notes: Ibid. p. 83; Monogr. Syst. Bot. Missouri Bot. Gard. 103: 219, as *Acronia casidentis*.
- Pleurothallis (Specklinia) capillaris** Lindl., *Bot. Reg.* 21: sub t. 1797. 1836. Synonym(s): *Pleurothallis longicaulis* Lindl., *Pleurothallis sieberi* Luer, *Acianthera sieberi* (Luer) Pridgeon & M.W.Chase, *Acianthera capillaris* (Lindl.) Pridgeon & M.W.Chase, *Acianthera longicaulis* (Lindl.) Pridgeon & M.W.Chase. Department: Quindío. Elevation: 1100 m. Type: *D'Alessandro 163* (SEL). Voucher: *P. Viveros 135* (HUQ). Source: Selbyana 23: 60. 2002; Monogr. Syst. Bot. Missouri Bot. Gard. 95: 259; Tropicos database.
- Pleurothallis capitonis** Luer & Escobar, *Orquideologia* 20: 44. 1996. Department(s): Santander. Elevation: 2150 m. Type: *C. Luer et al. 10110* (MO): Colombia. Notes: Ibid. p. 43.
- Pleurothallis (Ancipitia) caprina** Luer & Escobar, *Orquideologia* 14: 138. 1981. Department(s): Antioquia. Elevation: 2100 m. Type: *R. Escobar 226* (JAUM): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 254.
- Pleurothallis cardiantha** Rchb.f., *Linnaea* 41: 15. 1877. Department(s): Without data. Elevation: Without data. Type: *Without data* (Without data): Colombia.
- Pleurothallis (Acronia) cardiostola** Rchb.f., *Bonplandia* (Hanover) 2: 26. 1854. Synonym(s): *Pleurothallis choriensis* Schnee, *Pleurothallis lanigera* Luer & Hirtz. Department(s): Santander. Elevation: 2280 m. Type: *H. Wagener 46* (W): Venezuela. Voucher: *C. Luer et al. 6549* (SEL). Source: Protologue, Monogr. Syst. Bot. Missouri Bot. Gard. 103: 104. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 103: 219, 220.
- Pleurothallis (Acronia) cardiosthalls** Rchb.f., *Bot. Zeit.* 15: 158. 1857. Synonym(s): *Hum-*

- boldtia cardothallis* Rchb.f., *Pleurothallis subulata* Rolfe, *Pleurothallis acutipetala* Schltr., *Pleurothallis costaricensis* Schltr. (not Rolfe), *Pleurothallis schlechteriana* Ames. Department(s): Chocó. Elevation: 2000 m. Type: Schiller s.n. (Without data): Without data. Voucher: C. Luer 1994 (SEL). Source: Protologue, Monogr. Syst. Bot. Missouri Bot. Gard. 103: 106. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 103: 220.
- Pleurothallis casapensis** Lindl., Bot. Reg. 28: Misc. 76. 1842. Synonym(s): *Pleurothallis chamensis* Lindl., *Pleurothallis triangularis* Klotzsch & Karst., *Pleurothallis triquetra* Klotzsch ex Lindl., *Humboldtia casapensis* (Lindl.) Kuntze, *Humboldtia chamensis* (Lindl.) Kuntze, *Pleurothallis wolfiana* Schltr., *Pleurothallis coffeicola* Schltr., *Acianthera casapensis* (Lindl.) Pridgeon & M. W. Chase, *Acianthera coffeicola* (Schltr.) Pridgeon & M. W. Chase. Department(s): Santander. Elevation: 2850 m. Type: Mathews 1830 (K); Perú. Voucher: C. Luer et al. 10279 (MO). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 85.
- Pleurothallis (Acronia) cassidata** Luer & Escobar, Orquideologia 21(1): 82. 1998. Department(s): Without data. Elevation: Without data. Type: R. Escobar 8289 (JAUM): Colombia. Notes: Ibid. p. 83; Monogr. Syst. Bot. Missouri Bot. Gard. 103: 221.
- Pleurothallis (Crocodeilanthe) cassidis** Lindl., Ann. Mag. Nat. Hist. ser. 1, 15: 384. 1845. Synonym(s): *Pleurothallis palmiformis* Lindl., *Humboldtia cassidis* (Lindl.) Kuntze, *Humboldtia palmiformis* (Lindl.) Kuntze, *Pleurothallis langlassei* Schltr., *Pleurothallis pleiostachys* Schltr. Department(s): Cauca. Elevation: 3050 m. Type: T. Hartweg s.n. (K): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 256. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 72: 14.
- Pleurothallis cernua** Luer, Selbyana 1: 234. 1975. Department(s): Chocó. Elevation: 1970 m. Type: C. Luer et al. 426 (SEL): Ecuador. Voucher: P. Silverstone-Sopkin et al. 1678 (CUVC, MO). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 59.
- Pleurothallis cestrochila** Garay, Orquideologia 8: 180. 1973. Department(s): Antioquia. Elevation: 2500 m. Type: G. Wallis s.n. (AMES): Colombia. Notes: Ibid.
- Pleurothallis chachatoyensis** Schltr., Repert. Spec. Nov. Regni Veg. Beih. 27: 45. 1924. Department(s): Nariño. Elevation: 2350 m. Type: W. Hopp 48 (Without data): Colombia.
- Pleurothallis (Acianthera) chamaelopoda** Luer, Orquideologia 20: 201. 1996. Department(s): Cauca. Elevation: 400 m. Type: F. C. Lehmann 346 (K): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 253. Notes: Ibid. p. 202.
- Pleurothallis chloroleuca** Lindl., Orch. Linden. 2. 1846. Synonym(s): *Pleurothallis ventricosa* Lindl., *Pleurothallis wendlandiana* Rchb.f., *Pleurothallis rhomboglossa* Rchb.f., *Humboldtia chloroleuca* (Lindl.) Kuntze, *Humboldtia ventricosa* (Lindl.) Kuntze, *Pleurothallis reichenbachiana* Schltr. Department(s): Cundinamarca. Elevation: 2440 m. Type: J. Linden 1269 (K): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 72: 60.
- Pleurothallis (Crocodeilanthe) choerorhyncha** Luer, Orquideologia 20: 203. 1996. Department(s): Valle del Cauca. Elevation: 2750 m. Type: J. Cuatrecasas 18116 (US): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 256. Notes: Ibid. p. 205.
- Pleurothallis chuscalica** Luer, Orquideologia 21:120.1999. Department(s): Antioquia. Elevation: 2750 m. Type: F. C. Lehmann 7134 (K): Colombia. Notes: Ibid. p. 121.
- Pleurothallis circinata** Luer, Orquideologia 20: 206. 1996. Department(s): Valle del Cauca. Elevation: 2250 m. Type: P. Silverstone-Sopkin et al. 3951 (CUVC): Colombia. Notes: Ibid. p. 207.
- Pleurothallis (Specklinia) citrina** Schltr., Repert. Spec. Nov. Regni Veg. Beih. 7: 103.1920. Synonym(s): *Pleurothallis brachyantha* Schltr., *Pleurothallis angustilabia* Hoehne & Schltr., *Pleurothallis stenoglossa* Pabst, *Pleurothallis guentheri* Schltr. Department(s): Nariño. Elevation: 2200 m. Type: F. C. Lehmann 6926 (K): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 259. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 76: 127.
- Pleurothallis (Specklinia) cocornaënsis** Luer & Escobar, Orquideologia 20: 45. 1996. Department(s): Antioquia. Elevation: 2100 m. Type: R. Escobar 5047 (JAUM): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 259. Notes: Ibid. p. 47.
- Pleurothallis colossus** Kraenzl. ex de Kerchow, Le Livre des Orchid. 376. 1894. Synonym(s): *Pleurothallis saccata* Ames, *Pleurothallis praegrans* Ames, *Pleurothallis hirtzii* Luer. Department(s): Cauca. Elevation: Without data. Type: F.C. Lehmann 6929 (LE): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 76: 76.
- Pleurothallis constricta** Luer & Escobar, Orquideologia 21: 84. 1998. Department(s):

- Santander. Elevation: 2000 m. Type: *R. Escobar* 5297 (JAUM): Colombia. Notes: Ibid. p. 85.
- Pleurothallis (Specklinia) convoluta** Lindl., Ann. Mag. Nat. Hist. ser. 115:107. 1845. Synonym(s): *Humboldtia convoluta* (Lindley) Kuntze, *Pleurothallis papillisejala* Schltr., *Pleurothallis espinalli* Luer. Department(s): Quindío. Elevation: 1650 m. Type: *Hartweg* 1414 (K): Colombia. Voucher: *P. Viveros* 124 (HUQ). Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 269. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 79: 91; Type from Cauca.
- Pleurothallis (Acronia) cordata** (Ruiz & Pav.) Lindl., Gen. and Sp. Orch. Pl. 5. 1830. Basionym: *Humboldtia cordata* Ruiz & Pav. Synonym(s): *Stelis cordata* (Ruiz & Pav.) Willd., *Pleurothallis monocardia* Rchb.f., *Humboldtia monocardia* (Rchb.f.) Kuntze, *Pleurothallis cardiophylla* Schltr., *Zosterophyllanthos monocardius* (Rchb.f.) Szlach. & Marg., *Pleurothallis brachyblephara* Schltr., *Pleurothallis rhopalocarpa* Schltr., *Pleurothallis cordifolia* var. *rhopalocarpa* (Schltr.) T. Hashim. Department(s): Antioquia. Elevation: 1350 m. Type: *Ruiz s.n.* (M): Perú. Voucher: *A. Cogollo et al.* 2687(JAUM, MO). Source: Monogr. Syst. Bot. Missouri Bot. Gard. 103: 114; Tropicos database, Govaerts, R. et al. 2006. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 103: 224, 225.
- Pleurothallis (Acronia) cordifolia** Rchb.f. & Wager, Bonplandia (Hanover) 2: 26. 1854. Synonym(s): *Humboldtia cordifolia* (Rchb.f. & Wager) Kuntze. Department(s): Valle del Cauca. Elevation: 1370 m. Type: *H. Wager* 42 (W): Venezuela. Voucher: *Paul C. Hutchison & J. Kenneth Wright* 3133 (UC, US, F, NY, MO, K, MICH, M, P). Source: Monogr. Syst. Bot. Missouri Bot. Gard. 103: 117; Tropicos database. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 103: 226.
- Pleurothallis (Acronia) coriacardia** Rchb.f., Bonplandia 2: 26. 1854. Synonym(s): *Humboldtia coriacardia* (Rchb.f.) Kuntze, *Pleurothallis leontoglossa* Schltr., *Pleurothallis smithii* Schltr., *Pleurothallis corralensis* Garay. Department(s): Cauca. Elevation: Without data. Type: *T. Hartweg s.n.* (K): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 103: 226.
- Pleurothallis (Specklinia) coronula** Luer, Orquideologia 21: 325. 2000. Department(s): Nariño. Elevation: Without data. Type: *C. Luer* 18824 (MO): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 259. Notes: Ibid. p. 326.
- Pleurothallis corralensis** Garay, Arch. Jard. Bot. Rio de Janeiro 13: 42. 1955. Synonym(s): *Pleurothallis leontoglossa* Schltr. Department(s): Cauca. Elevation: 2400 m. Type: *F.C. Lehmann* 8207 (not cited): Colombia. Notes: Selbyana 3: 277.1976.
- Pleurothallis cosmetron** Luer, Monogr. Syst. Bot. Missouri Bot. Gard. 44: 120. 1992. Department(s): Córdoba. Elevation: 2950 m. Type: *W. Pennell* 4352 (NY): Colombia. Notes: Ibid. p. 121.
- Pleurothallis costaricensis** Rolfe, Kew Bull. 80. 1917. Synonym(s): *Pleurothallis ehhartiiifolia* Schltr., *Specklinia costaricensis* (Rolfe) Pridgeon & M.W.Chase. Department(s): Cauca. Elevation: 3000 m. Type: *C. H. Lankester* 21 (K): Costa Rica. Voucher: *G. Kennedy s.n.* (SEL). Notes: Selbyana 3: 279.
- Pleurothallis cotyligera** Luer & Escobar, Orquideologia 20: 46. 1996. Department(s): Risaralda. Elevation: Without data. Type: *C. Luer* 16765 (MO): Colombia. Notes: Ibid. p. 48.
- Pleurothallis (Acronia) crocodiliceps** Rchb.f., Bonplandia (Hanover) 3: 72. 1855. Synonym(s): *Pleurothallis arietina* Ames, *Pleurothallis nelsonii* Ames. Department(s): Norte de Santander. Elevation: Without data. Type: *H. Wager s.n.* (W): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 254. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 31: 17.
- Pleurothallis (Crocodelanthe) cuatrecasasii** Luer, Orquideologia 20: 208. 1996. Department(s): Cauca. Elevation: 3050 m. Type: *J. Cuatrecasas* 19264 (NY): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 256. Notes: Ibid. p. 209.
- Pleurothallis cunabularis** Luer, Monogr. Syst. Bot. Missouri Bot. Gard. 72: 42. 1998. Department(s): Chocó. Elevation: 2200 m. Type: *P. Silverstone-Sopkin et al.* 4909 (CUVC): Colombia. Notes: Ibid. p. 60.
- Pleurothallis cundinamarcae** Schltr., Notizbl. Bot. Gart. Berlin-Dahlem 7: 528. 1921. Department(s): Cundinamarca. Elevation: 1770 m. Type: *R. Schnitter s.n.* (Without data): Colombia.
- Pleurothallis cyanea** Luer & Escobar, Orquideologia 16: 157. 1984. Department(s): Antioquia. Elevation: 2180 m. Type: *C. Luer et al.* 8758 (SEL): Colombia. Notes: Ibid. p. 158.
- Pleurothallis (Specklinia) cycesis** Luer & Escobar, Orquideologia 20: 49. 1996. Department(s): Antioquia. Elevation: Without

- data. Type: *C. Luer 14290* (MO): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 259. Notes: Ibid. p. 61.
- Pleurothallis cymbisepala** Schltr., Feddes Reper. Beih. 27: 45. 1924. Department(s): Nariño. Elevation: 3000 m. Type: *C. Luer 3078* (Neotype K; Holotype *W. Hopp 175* destroyed at B): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 76: 63.
- Pleurothallis decurrens** Poepp & Endl., Nov. Gen. Sp. Pl. 1: 48. 1836. Synonym(s): *Humboldtia decurrens* (Poepp. & Endl.) Kuntze, *Acianthera decurrens* (Poepp. & Endl.) Pridgeon & M.W.Chase. Department(s): Antioquia. Elevation: 1830 m. Type: *E. Poeppig 1604* (W): Perú. Voucher: *T.B. Croat 69890* (MO). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 89.
- Pleurothallis (Acronia) depressa** Luer & Escobar, Orquideologia 20: 50. 1996. Department(s): Chocó. Elevation: 1800 m. Type: *C. Luer 17569* (MO): Colombia. Notes: Ibid. p. 53; Monogr. Syst. Bot. Missouri Bot. Gard. 103: 125.
- Pleurothallis (Acronia) dewildei** Luer & Escobar, Orquideologia 21:86.1998. Department(s): Risaralda. Elevation: Without data. Type: *C. Luer 16854* (MO): Colombia. Notes: Ibid. p. 87; Monogr. Syst. Bot. Missouri Bot. Gard. 103: 125.
- Pleurothallis (Acronia) diabolica** Luer & Escobar, Orquideologia 14: 142. 1981. Synonym(s): *Pleurothallis exserta* Luer & Hirtz, *Zotterophyllanthus diabolicus* (Luer & R. Escobar) Szlach. & Marg. Department(s): Antioquia. Elevation: Without data. Type: *C. Luer 2161* (SEL): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 103: 229; Orq. Nat. Col. 3 fig. 496.
- Pleurothallis divaricans** Schltr., Repert. Spec. Nov. Regni Veg. 10: 387. 1912. Department(s): Valle del Cauca. Elevation: 1500 m. Type: *C. Schunke 1330* (Neotype, AMES; *E. Köhler s.n.* Holotype destroyed at B): Perú. Voucher: *D. Hartman 62* (CUVC). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 76: 71.
- Pleurothallis (Ancipitia) dunstervillei** Foldats, Act. Bot. Venez. 3: 371. 1968. Department(s): Nariño. Elevation: 3000 m. Type: *G.C.K. & D. Dunstervillei 100843* (VEN): Venezuela. Voucher: *C. Luer et al. 2744* (SEL). Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 254. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 31: 19.
- Pleurothallis (Ancipitia) duplex** Luer & Escobar, Orquideologia 16: 22. 1983. Department(s): Norte de Santander. Elevation: 2200 m. Type: *C. Luer et al. 6684* (SEL): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 254. Notes: Ibid. p. 24.
- Pleurothallis echinodes** Luer & Escobar, Orquideologia 16 (1): 24. 1983. Department(s): Norte de Santander. Elevation: 2300 m. Type: *C. Luer et al. 7675* (SEL): Colombia. Notes: Ibid. p. 26.
- Pleurothallis (Crocodelanthe) elegans** (Kunth) Lindl., Bot. Reg. 28: Misc. 70, 1842. Basionym: *Dendrobium elegans* H.B.K. Synonym(s): *Specklinia elegans* (H.B.K.) Lindl., *Pleurothallis roseopunctata* Lindl., *Humboldtia elegans* (H.B.K.) Kuntze, *Humboldtia roseopunctata* (Lindl.) Kuntze. Department(s): Cauca. Elevation: 1830 m. Type: *A. Humboldt et al. 2129* (P): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 256. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 65: 66.
- Pleurothallis (Kraezlinella) erinacea** Rchb.f., Bonplandia (Hanover) 3: 72. 1855. Synonym(s): *Humboldtia erinacea* (Rchb.f.) Kuntze, *Pleurothallis muricata* Schltr., *Pleurothallis sororia* Schltr., *Kraezlinella muricata* (Schltr.) Rolfe, *Kraezlinella sororia* (Schltr.) Rolfe, *Pleurothallis rufescens* (Rolfe) Schltr., *Pleurothallis diuturna* Schltr. Department(s): Norte de Santander. Elevation: Without data. Type: *H. Wagener s.n.* (W): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 257. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 52: 97.
- Pleurothallis (Specklinia) erucosa** Luer & Escobar, Orquideologia 21: 88. 1998. Department(s): Without data. Elevation: Without data. Type: *C. Luer 2341* (SEL): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 259. Notes: Ibid. p. 89.
- Pleurothallis (Elongatia) excelsa** Garay, Caldasia 10: 232. 1968. Department(s): Without data. Elevation: Without data. Type: *A. Mejia s.n.* (AMES): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 257. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 52:75.
- Pleurothallis (Crocodelanthe) expansa** Lindl., Fol. Orchid. 4: 1859. Synonym(s): *Pleurothallis diffusa* Poepp. & Endl., *Humboldtia expansa* (Lindl.) Kuntze. Department(s): Nariño. Elevation: 3960 m. Type: *W. Jameson s.n.* (K): Ecuador. Voucher: *W. Jameson 308* (G). Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 256. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 65:66.
- Pleurothallis flexuosa** (Poepp. & Endl.) Lindl., Bot. Reg. 23: Misc. p. 69. 1842. Basionym: *Specklinia flexuosa* Poepp. & Endl. Synonym(s): *Pleurothallis kefernsteiniana* Rchb.f.,

- Pleurothallis elachopus* Rchb.f., *Humboldtia flexuosa* (Poepp. & Endl.) Kuntze, *Pleurothallis remotiflora* C. Schweinf. Department(s): Antioquia. Elevation: 1100 m. Type: *E. Poepp. 1515* (W): Perú. Voucher: *W.H. Hodge 6801* (AMES). Notes: Monogr. Syst. Bot., Missouri Bot. Gard. 79: 93.
- Pleurothallis (Crocodelanthe) floribunda** Poepp. & Endl., Nov. Gen. Sp. Pl. 1: 48. 1835. Synonym(s): *Pleurothallis pittieri* Schltr., *Pleurothallis pluriracemosa* Garay. Department(s): Cauca. Elevation: 3100 m. Type: *E. Poepp. 1599* (W): Perú. Voucher: *F. C. Lehmann 3746* (BR). Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 256. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 65: 66.
- Pleurothallis forceps-cancreri** Luer & Escobar, Orquideologia 14: 144. 1981. Department(s): Without data. Elevation: Without data. Type: *C. Luer 612a* (SEL): Colombia.
- Pleurothallis fornix** Luer & Escobar, Orquideologia 16: 160. 1984. Department(s): Without data. Elevation: Without data. Type: *C. Luer 6730* (SEL): Colombia. Notes: *Ibid.* p. 161.
- Pleurothallis (Acronia) fossulata** Luer & Escobar, Orquideologia 21: 91. 1998. Department(s): Huila. Elevation: 2000 m. Type: *R. Escobar 5203* (JAUM): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 103: 135. Notes: *Ibid.* p. 92; Monogr. Syst. Bot. Missouri Bot. Gard. 103: 234.
- Pleurothallis fugax** Luer & Escobar, Orquideologia 14: 146. 1981. Department(s): Antioquia. Elevation: 2520 m. Type: *C. Luer et al. 2325* (JAUM): Colombia. Notes: *Ibid.* p. 147.
- Pleurothallis (Crocodelanthe) galeata** Lindl., Ann. and Mag. Nat. Hist. ser.1,15: 107. 1845. Synonym(s): *Pleurothallis fraterna* Lindl., *Humboldtia fraterna* (Lindl.) Kuntze, *Humboldtia galeata* (Lindl.) Kuntze, *Pleurothallis sororia* Schltr., *Pleurothallis trianae* Schltr., *Pleurothallis venosa* Rolfe, *Pleurothallis quinquecallosa* Luer. Department(s): Norte de Santander. Elevation: 3150 m. Type: *T. Hartweg 1408* (K): Ecuador. Voucher: *C. Luer et al. 10245* (MO). Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 256. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 65: 67.
- Pleurothallis (Crocodelanthe) galerasensis** Luer, Monogr. Syst. Bot. Missouri Bot. Gard. 65: 28. 1998. Department(s): Nariño. Elevation: 3200 m. Type: *C. Luer et al. 3749* (SEL): Colombia. Notes: *Ibid.* p. 68.
- Pleurothallis (Acronia) ganymedes** Luer & Escobar, Orquideologia 14: 148. 1981. Synonym(s): *Zosterophyllanthus ganymedes* (Luer & R. Escobar) Szlach. & Marg. Department(s): Antioquia. Elevation: Without data. Type: *C. Luer 4086* (SEL): Colombia. Notes: *Ibid.* 149; Monogr. Syst. Bot. Missouri Bot. Gard. 103: 234.
- Pleurothallis garayana** (Ospina) Luer, Selbyana 1: 90. 1975. Synonym(s): *Colombiana garayana* Ospina. Department(s): Antioquia. Elevation: 1800 m. Type: *M. Ospina 752* (Herb. Mariano Ospina): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 31: 59.
- Pleurothallis (Specklinia) gelida** Lindl., Bot. Reg. 27: Misc. p. 91. 1841. Synonym(s): *Pleurothallis univaginata* Lindl., *Pleurothallis polylyria* Endress & Rchb. f., *Anathallis hebeseppala* Barb. Rodr., *Humboldtia gelida* (Lindl.) Kuntze, *Pleurothallis puberula* Rolfe, *Pleurothallis hebeseppala* (Barb. Rodr.) Cogn., *Pleurothallis chiquindensis* F. Lehm. & Kraenzl., *Pleurothallis tenuispica* Schltr., *Pleurothallis chiriquensis* Schltr., *Pleurothallis pidax* Luer. Department(s): Quindío. Elevation: 2000 m. Type: *Messrs. Loddiges s.n.* (K): Jamaica. Voucher: *P. Viveros et al. 75a* (HUQ). Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 260. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 79: 68.
- Pleurothallis geminicaulina** Ames, Sched. Orch. 6: 59–60. 1923. Synonym(s): *Acianthera geminicaulina* (Ames) Pridgeon & M.W.Chase. Department(s): Chocó. Elevation: Without data. Type: *C.H. Lankester 454* (AMES): Costa Rica. Voucher: *J. Espina et al.* (MO). Source: Tropicos database. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 93.
- Pleurothallis (Crocodelanthe) gigas** Luer & Escobar, Orquideologia 20: 52. 1996. Department(s): Antioquia. Elevation: 1920 m. Type: *C. Luer et al. 14152* (MO): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 256. Notes: *Ibid.* p. 55.
- Pleurothallis (Acronia) giraldoi** Luer, Orquideologia 21: 125. 1999. Department(s): Valle del Cauca. Elevation: 1900 m. Type: *J. Giraldo et al. 97* (TULV): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 103: 138. Notes: *Ibid.* p. 126; Monogr. Syst. Bot. Missouri Bot. Gard. 103: 235.
- Pleurothallis (Acronia) glabra** Luer & Escobar, Orquideologia 20: 56. 1996. Department(s): Antioquia. Elevation: 1850 m. Type: *C. Luer et al. 14187* (MO): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard.

- 103: 139. Notes: Ibid. p. 59; Monogr. Syst. Bot. Missouri Bot. Gard. 103: 235.
- Pleurothallis (Acronia) globosa** Luer & Escobar, *Orquideologia* 20: 60. 1996. Department(s): Antioquia. Elevation: 2500 m. Type: *R. Escobar 5012* (JAUM): Colombia. Notes: Ibid. p. 61; Monogr. Syst. Bot. Missouri Bot. Gard. 103: 236.
- Pleurothallis glochis** Luer & Escobar, *Orquideologia* 14: 150. 1981. Department(s): Nariño. Elevation: 3000 m. Type: *C. Luer et al. 3735* (SEL): Colombia. Notes: Ibid. p. 151; Monogr. Syst. Bot. Missouri Bot. Gard. 72: 55.
- Pleurothallis (Lindleyalis) glossopogon** Rchb.f., *Bonplandia* (Hanover) 3: 71. 1855. Synonym(s): *Pleurothallis biserrula* Rchb.f., *Pleurothallis insignis* Rolfe, *Humboldtia biserrula* (Rchb.f.) Kuntze, *Humboldtia glossopogon* (Rchb.f.) Kuntze, *Humboldtia insignis* (Rolfe) Kuntze, *Pleurothallis birchenallii* Rolfe, *Pleurothallis hoppii* Schltr. Department(s): Santander. Elevation: 2130 m. Type: *H. Wagener 339* (W): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 258. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 79: 113.
- Pleurothallis gomezii** Luer & Escobar, *Orquideologia* 20: 62. 1996. Department(s): Risaralda. Elevation: 2100 m. Type: *C. Luer et al. 16789* (MO): Colombia. Notes: Ibid. p. 63.
- Pleurothallis gracilipedunculata** Foldats, *Act. Bot. Venez.* 3: 374. 1968. Department(s): Norte de Santander. Elevation: 2800 m. Type: *G.C.K. Dunsterville et al. 1031* (VEN): Venezuela. Voucher: *C. Luer et al. 7581* (SEL). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 72: 55.
- Pleurothallis (Acronia) grandiflora** Lindl., *Bot. Reg.* 21: sub t. 1797. 1835. Synonym(s): *Humboldtia grandiflora* (Lindl.) Kuntze, *Zosterophyllanthos grandiflorus* (Lindl.) Szlach. & Marg. Department(s): Valle del Cauca. Elevation: 1600 m. Type: *Hall s.n.* (K): Ecuador. Voucher: *R. Escobar 5026* (MO). Source: Monogr. Syst. Bot. Missouri Bot. Gard. 103: 140. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 103: 236.
- Pleurothallis granularis** Luer & R. Escobar, *Orquideologia* 16: 162. 1984. Department(s): Cauca. Elevation: 1800 m. Type: *C. Luer 8183* (SEL): Colombia. Notes: Ibid. p. 163.
- Pleurothallis habenula** Luer & Escobar, *Orquideologia* 14: 152. 1981. Department(s): Putumayo. Elevation: 2700 m. Type: *C. Luer et al. 3119* (SEL): Colombia. Notes: Ibid. p. 153.
- Pleurothallis (Lindleyalis) hemirhoda** Lindl., *Paxton's Fl. Gard.* 3: 133, 1852. Synonym(s): *Restrepia vittata* Lindl., *Restrepia nuda* Klotzsch, *Restrepia biflora* Regel, *Restrepia vittata* var. *biflora* Regel, *Pleurothallis nuda* (Klotzsch) Rchb.f., *Humboldtia hemirhoda* Kuntze. Department(s): Without data. Elevation: Without data. Type: *J. Linden s.n.* (K): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 258. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 79: 110.
- Pleurothallis hemisphaerica** Luer & Escobar, *Orquideologia* 14: 154. 1981. Department(s): Antioquia. Elevation: 2520 m. Type: *C. Luer et al. 2520* (SEL): Colombia. Notes: Ibid. p. 155.
- Pleurothallis hippocrepica** Luer & Escobar, *Orquideologia* 16: 165. 1984. Department(s): Antioquia. Elevation: 2800 m. Type: *R. Escobar et al. 2704* (SEL): Colombia. Notes: Ibid. p. 166.
- Pleurothallis hirtipes** Schltr., *Repert. Spec. Nov. Regni Veg. Beih.* 7: 104. 1920. Synonym(s): *Myoxanthus hirtipes* (Schltr.) Luer. Department(s): Cauca. Elevation: Without data. Type: *M. Madero s.n.* (Without data): Colombia. Source: Selbyana 7: 43; Monogr. Syst. Bot. Missouri Bot. Gard. 44: 7.
- Pleurothallis (Talpinaria) hitchcockii** Ames, *Orch.* 7: 117. 1922. Synonym(s): *Pleurothallis ringens* C. Schweinf. Department(s): Antioquia. Elevation: 480 m. Type: *A.S. Hitchcock 17394* (AMES): Guyana. Voucher: *R. Callejas et al. 6030* (MO, HUA). Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 265. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 65:100.
- Pleurothallis (Elongatia) holtonii** Luer, *Monogr. Syst. Bot. Missouri Bot. Gard.* 52: 76. 1994. Department(s): Cundinamarca. Elevation: Without data. Type: *I.F. Holton s.n.* (NY): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 257. Notes: Ibid. p. 79.
- Pleurothallis hystricosa** Luer, *Monogr. Syst. Bot. Missouri Bot. Gard.* 52: 54. 1994. Department(s): Huila. Elevation: 2590 m. Type: *E.L. Little, Jr. 8519* (US): Colombia. Notes: Ibid. p. 57.
- Pleurothallis imber-florum** Luer & Escobar, *Orquideologia* 16: 167. 1984. Department(s): Chocó. Elevation: 2000 m. Type: *R. Escobar 2541* (SEL): Colombia. Notes: Ibid. p. 168; *Orq. Nat. Col.* 3 fig. 517.
- Pleurothallis (Specklinia) immersa** Lind. &

- Rchb.f., Bonplandia (Hanover) 3: 224. 1855. Synonym(s): *Pleurothallis krameriana* Rchb.f., *Humboldtia immersa* (Lindl.) Kuntze, *Pleurothallis calerae* Schltr., *Pleurothallis lasiosepala* Schltr. Department(s): Without data. Elevation: Without data. Type: *J. Linden s.n.* (W): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 261. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 79: 94.
- Pleurothallis (Specklinia) imraei** Lindl., Folia Orch. Pleuroth. 9. 1859. Synonym(s): *Humboldtia imrayi* (Lindl.) Kuntze, *Pleurothallis umbraticola* Schltr. Department(s): Risaralda. Elevation: 2000 m. Type: *Dr. Imray 272* (K): Dominica. Voucher: *C. Luer 17549* (MO). Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 261. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 79: 95.
- Pleurothallis (Mixis) incongrua** Luer, Orquideologia 21: 127. 1999. Department(s): Valle del Cauca. Elevation: 2400 m. Type: *P. Silverstone-Sopkin et al. 2686* (CUVC): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 258. Notes: Ibid. p. 128.
- Pleurothallis (Acronia) index** Luer, Phytologia 47: 76. 1980. Department(s): Nariño. Elevation: 1950 m. Type: *C. Luer et al. 4582* (SEL): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 103: 145. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 103: 238.
- Pleurothallis inflata** Rolfe, Kew Bull. 1894: 154. Synonym(s): *Pleurothallis lindenii* var. *pumila* Rchb.f. Department(s): Boyaca. Elevation: 2500 m. Type: *F. Sander s.n.* (K): Venezuela. Voucher: *C. Luer et al. 7533* (SEL). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 76: 78; Orq. Nat. Col. 6 fig. 1211.
- Pleurothallis (Crocodeilanthe) infundibulosa** Luer, Orquideologia 20: 210. 1996. Department(s): Santander. Elevation: 2590 m. Type: *N.C. Fassett 25732* (US): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 256. Notes: Ibid. p. 211.
- Pleurothallis intonsa** Luer & Escobar, Orquideologia 14: 156. 1981. Department(s): Antioquia. Elevation: 2550 m. Type: *R. Escobar et al. 1121* (JAUM): Colombia. Notes: Ibid. p. 157.
- Pleurothallis jaculifera** Luer & Escobar, Orquideologia 21:93.1998. Department(s): Risaralda. Elevation: 2000 m. Type: *C. Luer et al. 16843* (JAUM): Colombia. Notes: Ibid. p. 94.
- Pleurothallis (Crocodeilanthe) jamesonii** Lindl., Bot. Reg. 21: t. 1797. Synonym(s): *Pleurothallis foveata* Lindl., *Humboldtia foveata* (Lindl.) Kuntze, *Humboldtia jamesonii* (Lindl.) Kuntze, *Pleurothallis sodiroi* Schltr. Department(s): Cauca. Elevation: 3300 m. Type: *Jameson s.n.* (K): Ecuador. Voucher: *J. Cuatrecasas 18794* (AMES, NY, US). Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 256. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 65: 68.
- Pleurothallis (Acronia) jaramilloi** Luer, Orquideologia 22(1): 56. 2001. Department(s): Boyaca. Elevation: 2600 m. Type: *R. Jaramillo 20254* (COL): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 103: 146. Notes: Ibid. p. 57; Monogr. Syst. Bot. Missouri Bot. Gard. 103: 239.
- Pleurothallis (Crocodeilanthe) jurisdixii** Luer & Escobar, Orquideologia 20: 64. 1996. Department(s): Norte de Santander. Elevation: 2100 m. Type: *C. Luer et al. 10211* (COL): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 256. Notes: Ibid. p. 65.
- Pleurothallis (Apoda-prorepentia) kateora** (Garay) Luer, Phytologia 49: 209. 1981. Basionym: *Physothallis kateora* Garay. Department(s): Chocó. Elevation: Without data. Type: *G. Escobar 1078* (AMES): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 255. Notes: Orquideologia 9: 138.
- Pleurothallis (Acronia) killipii** Garay, Can. J. Bot. 34: 254. 1956. Synonym(s): *Zosterophyllum killipii* (Garay) Szlach. & Marg. Department(s): Cundinamarca. Elevation: 3250 m. Type: *E.P. Killip 34061* (US): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 103:147. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 103: 239.
- Pleurothallis (Crocodeilanthe) laevigata** Lindl., Ann. Mag. Nat. Hist. ser.1, 15:106.1845. Synonym(s): *Pleurothallis hartwegii* Lindl., *Humboldtia hartwegii* (Lindl.) Kuntze, *Humboldtia laevigata* (Lindl.) Kuntze, *Pleurothallis lamprochlamys* Schltr., *Pleurothallis conchopetalon* Schltr. Department(s): Cauca. Elevation: 3050 m. Type: *T. Hartweg 1406* (K): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 256; Tropicos database. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 65: 69.
- Pleurothallis lamellaris** Lindl., Folia Orch. Pleuroth. 8. 1859. Synonym(s): *Humboldtia lamellaris* (Lindl.) Kuntze, *Pleurothallis loxensis* Luer & Hirtz. Department(s): Antioquia. Elevation: 2100 m. Type: *Bridges s.n.* (K): Bolivia. Voucher: *R. Escobar 8393* (MO). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 76: 79.
- Pleurothallis lanceana** Lodd., Bot. Cab. 18: t. 1767. 1831. Synonym(s): *Pleurothallis cil-*

- iata* Knowles & Westc., *Pleurothallis plumosa* Lindl., *Pleurothallis crassifolia* Focke, *Pleurothallis minax* Rchb.f., *Pleurothallis sprucei* Lindl., *Pleurothallis serriifera* Lindl., *Humboldtia ciliata* (Knowles & Westc) Kuntze, *Humboldtia lanceana* (Lindl.) Kuntze, *Humboldtia plumosa* (Lindl.) Kuntze, *Humboldtia serriifera* (Lindl.) Kuntze, *Humboldtia sprucei* (Rchb. f.) Kuntze, *Pleurothallis daguensis* F. Lehm. & Kraenzl., *Pleurothallis huebneri* Schltr. Department(s): Valle del Cauca. Elevation: 1880 m. Type: *Mr. Lance s.n.* (Holotype is an illustration; K): Suriname. Voucher: *F.C. Lehmann 49* (W). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 96s; to find a complete list of Synonyms see *Ibid.* p. 43.
- Pleurothallis languida*** Luer & Escobar, *Orquideologia* 21: 95. 1998. Department(s): Cauca. Elevation: Without data. Type: *C. Luer 17564* (MO): Colombia. Notes: *Ibid.* p. 96.
- Pleurothallis (Acronia) latipetala*** Garay, *Orch. J. Calif.* 1: 218. 1952. Synonym(s): *Pleurothallis northenae* Luer, *Zosterophyllanthos northenae* (Luer) Szlach. & Marg. Department(s): Cauca. Elevation: 800 m. Type: *K.L. von Sneidern 1602* (S): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 103:148. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 103: 240.
- Pleurothallis (Specklinia) lehmanneptis*** Luer & Escobar, *Orquideologia* 21: 100. 1998. Department(s): Valle del Cauca. Elevation: Without data. Type: *C. Luer 18449* (MO): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 261. Notes: *Ibid.* p. 101.
- Pleurothallis (Crocodelantho) lehmanniana*** Schltr., *Repert. Spec. Nov. Regni Veg. Beih.* 7: 235. 1920. Synonym(s): *Pleurothallis endotrachys* F. Lehm. & Kraenzl. Department(s): Cauca. Elevation: 3200 m. Type: *C. Luer 12552* (Neotype MO; Holotype (*P. endotrachys*) *F. C. Lehmann 4510* presumably destroyed at B): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 256. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 65: 70.
- Pleurothallis (Crocodelantho) ligulata*** Lindl., *Folia Orch. Pleurothallis* 29.1859. Synonym(s): *Humboldtia ligulata* (Lindl.) Kuntze, *Pleurothallis chlamydropus* Schltr., *Pleurothallis patula* Schltr., *Pleurothallis nubigena* Schltr., *Pleurothallis hopfiana* Schltr., *Pleurothallis atacasana* Luer. Department(s): Cundinamarca. Elevation: 3200 m. Type: *W. Jameson s.n.* (K): Ecuador. Voucher: *J. Cuatrecasas 5712* (COL, US). Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 256. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 65: 70.
- Pleurothallis (Acronia) lilijae*** Foldats, *Act. Bot. Venez.* 3: 379. 1968. Department(s): Putumayo. Elevation: 2800 m. Type: *J.A. Steyermark, G.C.K. & E. Dunsterville 98549* (VEN): Venezuela. Voucher: *C. Luer et al. 12540* (MO). Source: Monogr. Syst. Bot. Missouri Bot. Gard. 103: 150. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 103: 240.
- Pleurothallis lindenii*** Lindl., *Ann. and Mag. Nat. Hist. ser. 1, 12:* 397. 1843. Synonym(s): *Humboldtia lindenii* (Lindl.) Kuntze, *Pleurothallis araguensis* Ames, *Pleurothallis pendula* Schltr., *Pleurothallis andrei* Luer & Escobar. Department(s): Santander. Elevation: 3000 m. Type: *J. Linden 630* (K): Venezuela. Voucher: *C. Luer et al. 10189* (MO). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 76: 79.
- Pleurothallis (Acronia) linguifera*** Lindl., *Fol. Orch. Pleuroth.* 10. 1859. Synonym(s): *Pleurothallis boliviana* Schltr., *Pleurothallis buchtienii* Schltr., *Zosterophyllanthos linguifer* (Lindl.) Szlach. & Marg. Department(s): Boyacá. Elevation: 2500 m. Type: *Bridges s.n.* (K): Bolivia. Voucher: *C. Luer et al. 7561* (SEL). Source: Monogr. Syst. Bot. Missouri Bot. Gard. 103: 151. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 103:147: 241.
- Pleurothallis litotes*** Luer, *Selbyana* 5: 170. 1979. Department(s): Cauca. Elevation: 2750 m. Type: *C. Luer et al. 2700* (SEL): Ecuador. Voucher: *C. Luer et al. 2997* (SEL).
- Pleurothallis lobata*** Luer, *Orquideologia* 20: 214. 1996. Department(s): Antioquia. Elevation: 1250 m. Type: *F.C. Lehmann s.n.* (K): Colombia. Notes: *Ibid.* p. 213.
- Pleurothallis (Acianthera) lojae*** Schltr., *Repert. Spec. Nov. Regni Veg. Beih.* 8: 60. 1921. Synonym(s): *Pleurothallis brunnescens* Schltr., *Pleurothallis citrophila* Luer, *Pleurothallis florosa* Luer, *Acianthera citrophila* (Luer) Pridgeon & M.W.Chase, *Acianthera florosa* Pridgeon & M.W.Chase. Department(s): Antioquia. Elevation: 1830 m. Type: *F.C. Lehmann 8202* (K): Ecuador. Voucher: *C. Luer et al. 11365* (MO). Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 254. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 96.
- Pleurothallis (Ancipitia) londonoi*** Luer, *Monogr. Syst. Bot. Missouri Bot. Gard.* 61(Addenda): 6. Department(s): Antioquia. Elevation: 3150 m. Type: *R. Londoño et al. 83* (HUA): Colombia. Source: Monogr. Syst.

- Bot. Missouri Bot. Gard. 95: 254. Notes: Ibid. p. 7.
- Pleurothallis lopezii** Luer & Escobar, Orquideologia 21: 102. 1998. Department(s): Antioquia. Elevation: 2500 m. Type: *R. Escobar 8291* (JAUM): Colombia. Notes: Ibid. p. 103.
- Pleurothallis loranthophylla** Rchb.f., Bot. Zeit.(Berlin) 10: 674. 1852. Synonym(s): *Rynchopera punctata* H. Karst., *Pleurothallis navicularis* Lindl., *Pleurothallis subpellucida* Klotzsch, *Humboldtia subpellucida* (Klotzsch) Kuntze, *Pleurothallis intermedia* Schltr., *Pleurothallis punctata* (H. Karst.) Schltr., *Pleurothallis violaceorosea* Schltr., *Pleurothallis spathata* Schltr. Department(s): Cauca. Elevation: 1600 m. Type: *A.M. Brenes 153* (Holotype *P. violaceorosea* presumably destroyed at B; CR, Lectotype; Isolectotypes AMES, NY): Costa Rica. Voucher: *F.C. Lehmann 7138* (G). Source: Monogr. Syst. Bot. Missouri Bot. Gard. 65: 89. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 65: 93.
- Pleurothallis luctuosa** Rchb.f., Linnaea 41: 48. 1877. Synonym(s): *Humboldtia luctuosa* (Rchb.f.) Kuntze. Department(s): Nariño. Elevation: 75 m. Type: *A. Endres 50* (W): Costa Rica. Voucher: *E.P. Killip et al. 33162* (COL, US). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 72: 50; Orq. Nat. Col. 6 fig. 1232.
- Pleurothallis (Acronia) lunaris** Luer & Escobar, Orquideologia 14: 158. 1981. Department(s): Antioquia. Elevation: 2500 m. Type: *R. Escobar 1156* (JAUM): Colombia. Notes: Ibid. p. 159; Monogr. Syst. Bot. Missouri Bot. Gard. 103: 242.
- Pleurothallis macroblepharis** Rchb.f., Gard. Chron. n. s. 2: 772. 1874. Synonym(s): *Specklinia macroblepharis* (Rchb.f.) Pridgeon & M.W.Chase, *Masdevallia culex* hort. Department(s): Santander. Elevation: Without data. Type: *Roetzl. s.n.* (Without data): Perú?. Voucher: *J. Cuatrecasas 12539C* (COL).
- Pleurothallis (Elongatia) macrophylla** Kunth, Nov. Gen. et Sp. Pl. 1: 365. 1815. Synonym(s): *Pleurothallis laurifolia* Kunth sensu Rchb.f., *Pleurothallis roezlii* Rchb.f., *Humboldtia macrophylla* (Kunth.) Kuntze, *Humboldtia reichenbachiana* Kuntze, *Humboldtia roezlii* (Rchb.f.) Kuntze. Department(s): Cauca. Elevation: 1468 m. Type: *Humboldt & Bonpland s.n.* (P): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 257. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 52: 83; original elevation 800 hex.
- Pleurothallis magdalenae** Rchb.f., Bonplandia (Hanover) 3: 72. 1855. Synonym(s): *Humboldtia magdalenae* (Rchb.f.), Kuntze, *Pleurothallis stelidioides* Schltr., *Stelis magdalenae* (Rchb.f.) Pridgeon & M.W.Chase. Department(s): Magdalena. Elevation: 1850 m. Type: *H. Wager s.n.* (W): Colombia. Source: Tropicos database. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 76: 94; original locality Old dept. Ocaña "Magdalena".
- Pleurothallis magnifica** Luer & Escobar, Orquideologia 16: 169. 1984. Department(s): Cauca. Elevation: 3150 m. Type: *C. Luer et al. 8374* (SEL): Colombia. Notes: Ibid. p. 170.
- Pleurothallis manicosa** Luer & Escobar, Orquideologia 20: 66. 1996. Department(s): Valle del Cauca. Elevation: 1800 m. Type: *C. Luer 17554* (JAUM): Colombia. Notes: Ibid. p. 17.
- Pleurothallis (Acronia) marthae** Luer & Escobar, Orquideologia 20: 68. 1996. Department(s): Valle del Cauca. Elevation: Without data. Type: *C. Luer 16689* (JAUM): Colombia. Notes: Ibid. p. 69; Monogr. Syst. Bot. Missouri Bot. Gard. 103: 243.
- Pleurothallis (Crocodeilanthe) maxima** Luer, Selbyana 3: 140. 1976. Department(s): Antioquia. Elevation: 1650 m. Type: *C. Luer et al. 651* (SEL): Ecuador. Voucher: *J.L. Luteyn et al. 13299* (NY). Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 256. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 65: 71.
- Pleurothallis (Acronia) megalorhina** Luer & Escobar, Orquideologia 20: 71. 1996. Department(s): Antioquia. Elevation: 2350 m. Type: *C. Luer et al. 11389* (MO): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 103: 159. Notes: Ibid. p. 72; Monogr. Syst. Bot. Missouri Bot. Gard. 103: 244.
- Pleurothallis (Acianthera) melanoglossa** Luer & Escobar, Orquideologia 20: 74. 1996. Department(s): Risaralda. Elevation: 2800 m. Type: *C. Luer et al. 16795* (MO): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 254. Notes: Ibid. p. 73.
- Pleurothallis (Ancipitia) membracidoides** Luer, Phytologia 47: 78. 1980. Department(s): Nariño. Elevation: 1600 m. Type: *C. Luer et al. 4580* (SEL): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 254. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 31: 35.
- Pleurothallis (Specklinia) millipeda** Luer, Orquideologia 20: 216. 1996. Department(s): Without data. Elevation: Without data. Type: *F.C. Lehmann s.n.* (K): Colombia?.

- Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 262. Notes: Ibid. p. 215.
- Pleurothallis (Specklinia) minutissima** Luer, Orquideologia 20: 218. 1996. Department(s): Valle del Cauca. Elevation: 350 m. Type: *F.C. Lehmann 8204* (K): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 262. Notes: Ibid. p. 219
- Pleurothallis (Specklinia) mocoana** Schltr., Repert. Spec. Nov. Regni Veg. Beih. 27: 49, 1924. Synonym(s): *Specklinia mocoana* (Schltr.) Luer., Department(s): Cauqueta. Elevation: 530 m. Type: *W. Hopp 69* (Without data): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 262. 2004; Tropicos database; Govaerts et al. 8 May 2006.
- Pleurothallis monocardia** Rchb.f., Bonplandia (Hanover) 3: 72. 1855. Synonym(s): *Acronia cordata* (Ruiz & Pav.) Luer subsp. *cordata*, *Humboldtia monocardia* (Rchb.f.) Kuntze, *Zosterophyllanthos monocardius* (Rchb.f.) Szlach. & Marg. Department(s): Norte de Santander. Elevation: 1830 m. Type: *Rchb.f. s.n.* (Without data): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 103: 114; Tropicos database; Govaerts et al. 7 May 2006. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 103: 224; synonyms from Kew Monocots List, not reconfirmed; this species is considered a synonym of *Acronia cordata* by Luer 2005.
- Pleurothallis mundula** Luer & Escobar, Orquideologia 16:26.1983. Department(s): Tolima. Elevation: 2930 m. Type: *C. Luer et al. 7502* (SEL): Colombia. Notes: Ibid. p. 27.
- Pleurothallis navilinguis** Rchb.f., Bonplandia (Hanover) 3: 72. 1855. Synonym(s): *Humboldtia navilinguis* (Rchb.f.) Kuntze. Department(s): Without data. Elevation: 1520 m. Type: *Without data* (Without data): Colombia. Source: Protologue.
- Pleurothallis nellyae** P. Ortiz, Orquideologia 20: 325. 1997. Department(s): Valle del Cauca. Elevation: Without data. Type: *P. Ortiz 1081* (HUI): Colombia. Notes: Ibid. p. 322.
- Pleurothallis (Specklinia) niesseniae** Luer, Orquideologia 22: 59. 2001. Department(s): Valle del Cauca. Elevation: Without data. Type: *A. Niessen 121* (MO): Colombia. Notes: Ibid. 61.
- Pleurothallis northenae** Luer, Amer. Orch. Soc. Bull. 45: 20. 1976. Department(s): Antioquia. Elevation: 2300 m. Type: *R. Northern s.n.* (SEL): Colombia. Notes: Ibid. 202; this species is considered a synonym of *Acronia latipetala* by Luer 2005.
- Pleurothallis (Acronia) nossax** Luer & Escobar, Orquideologia 14: 160. 1981. Department(s): Cauca. Elevation: 2150 m. Type: *R. Escobar et al. 1520* (JAUM): Colombia. Notes: Ibid. p. 161; Monogr. Syst. Bot. Missouri Bot. Gard. 103:164.
- Pleurothallis notabilis** Luer & Escobar, Orquideologia 14: 162. 1981. Department(s): Antioquia. Elevation: 2650 m. Type: *C. Luer 2085* (SEL): Colombia. Notes: Ibid. p. 163.
- Pleurothallis nox-media** Luer & Escobar, Orquideologia 21: 104. 1998. Department(s): Antioquia. Elevation: 2000 m. Type: *C. Luer 17987* (MO): Colombia. Notes: Ibid. p. 105.
- Pleurothallis nutans** Schltr., Repert. Spec. Nov. Regni Veg. Beih. 27: 165.1924. Synonym(s): *Pleurothallis decora* Luer & Escobar. Department(s): Cundinamarca. Elevation: 2250 m. Type: *C. Luer et al. 7922* (Neotype designated by Luer, SEL; *R. Schnitter s.n.* Holotype destroyed at B): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 76: 80.
- Pleurothallis obovata** (Lindl.) Lindl., Bot. Reg. 28: Misc. 75. 1842. Basionym: *Specklinia obovata* Lindl. Synonym(s): *Pleurothallis dendrophila* Rchb.f., *Pleurothallis octomeriaeformis* Rchb.f., *Pleurothallis albida* Lindl., *Stelis fasciculiflora* Regel, *Anathallis fasciculata* Barb. Rodr., *Anathallis densiflora* Barb. Rodr., *Anathallis osmosperma* Barb. Rodr., *Anathallis micrantha* Barb. Rodr., *Humboldtia obovata* (Lindl.) Kuntze, *Pleurothallis fasciculata* (Barb. Rodr.) Cogn., *Pleurothallis densiflora* (Barb. Rodr.) Cogn., *Pleurothallis osmosperma* (Barb. Rodr.) Cogn., *Pleurothallis minutiflora* Cogn. Department(s): Santander. Elevation: 1650 m. Type: *Without data* (K): Brazil. Voucher: *E.P. Killip et al. 16401* (AMES, NY). Notes: To find a complete list of Synonyms see Monogr. Syst. Bot. Missouri Bot. Gard. 76: 14.
- Pleurothallis (Acronia) octavioi** Luer & Escobar, Orquideologia 14: 164. 1981. Department(s): Putumayo. Elevation: 2200 m. Type: *C. Luer et al. 3725* (SEL): Colombia. Source: Protologue; Monogr. Syst. Bot. Missouri Bot. Gard. 103: 165. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 103: 247; Orq. Nat. Col. 3 fig. 492.
- Pleurothallis (Ancipitia) odobeniceps** Luer, Monogr. Syst. Bot. Missouri Bot. Gard. 103: 38. 1989. Department(s): Chocó. Elevation: 2280 m. Type: *J.L. Zarucchi et al. 5950* (MO): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 255. Notes: Ibid. p. 39.
- Pleurothallis orecta** Luer & Escobar, Orquideo-

- logia 20: 75. 1996. Department(s): Risaralda. Elevation: 2000 m. Type: *R. Escobar 5106* (JAUM); Colombia. Notes: *Ibid.* p. 206.
- Pleurothallis orthostachys** Luer & Escobar, *Orquideologia* 16: 171. 1984. Department(s): Antioquia. Elevation: 1850 m. Type: *R. Escobar et al. 2622* (SEL); Colombia. Notes: *Ibid.* p. 172.
- Pleurothallis (Kraezlinella) otopetalum** Schltr., *Repert. Spec. Nov. Regni. Veg.* 10: 292. 1912. Synonym(s): *Otopetalum tungurahuae* F. Lehm. & Kraenzl., *Kraezlinella tungurahuae* (F. Lehm. & Kraenzl.) Kuntze. Department(s): Cauca. Elevation: 800 m. Type: *F. C. Lehmann 8088* (K); Ecuador. Voucher: *K. von Sneidern 1103* (AMES, S). Source: *Monogr. Syst. Bot. Missouri Bot. Gard.* 95: 258. Notes: *Monogr. Syst. Bot. Missouri Bot. Gard.* 52: 105.
- Pleurothallis (Crocodelanthe) pachypus** (F. Lehm. & Kraenzl.) Garay, *Canad. J. Bot.* 34: 254. 1956. Basionym: *Stelis pachypus* F. Lehm. & Kraenzl. Synonym(s): *Pleurothallis quadrata* C. Schweinf. Department(s): Antioquia. Elevation: 2400 m. Type: *F. C. Lehmann 3176* (Holotype presumably destroyed at B; K, Lectotype); Colombia. Source: *Monogr. Syst. Bot. Missouri Bot. Gard.* 95: 256. Notes: *Monogr. Syst. Bot. Missouri Bot. Gard.* 65: 72.
- Pleurothallis pedunculata** (Klotzsch) Rchb.f., *Linnaea* 22: 822. 1849. Basionym: *Rhynchopera pedunculata* Klotzsch. Synonym(s): *Pleurothallis lanceolata* sensu Lindl., *Humboldtia pedunculata* (Klotzsch) Kuntze. Department(s): Antioquia. Elevation: 2500 m. Type: *E. Otto s.n.* (W); Venezuela. Voucher: *R. Escobar 8270* (MO). Notes: *Monogr. Syst. Bot. Missouri Bot. Gard.* 65: 93.
- Pleurothallis penduliflora** Kraenzl., *Repert. Spec. Nov. Regni. Veg.* 1: 177. 1905. Synonym(s): *Pleurothallis semipellucida* var. *grandiflora* C. Schweinf., *Pleurothallis diffusa* var. *grandiflora* (C. Schweinf.) C. Schweinf., *Pleurothallis aves-seriales* Luer & Escobar. Department(s): Antioquia. Elevation: 2200 m. Type: *C. Vargas 3243* (AMES, Neotype; Holotype *A. Weberbauer 2118* destroyed at B); Perú. Voucher: *F. C. Lehmann 7158* (K). Notes: *Monogr. Syst. Bot. Missouri Bot. Gard.* 76: 67.
- Pleurothallis (Colombiana) penicillata** Luer, *Phytologia* 47: 78. 1980. Department(s): Nariño. Elevation: 1600 m. Type: *C. Luer et al. 4610* (SEL); Colombia. Source: *Monogr. Syst. Bot. Missouri Bot. Gard.* 95: 256.
- Notes: *Monogr. Syst. Bot. Missouri Bot. Gard.* 31: 61.
- Pleurothallis (Crocodelanthe) pennelliana** Luer, *Monogr. Syst. Bot. Missouri Bot. Gard.* 65: 43. 1998. Department(s): Cundinamarca. Elevation: 3100 m. Type: *F. W. Pennell 2043* (US); Colombia. Source: *Monogr. Syst. Bot. Missouri Bot. Gard.* 95: 256. Notes: *Ibid.* p. 73.
- Pleurothallis (Specklinia) petiolaris** Luer, *Orquideologia* 20: 220. 1996. Department(s): Cauca. Elevation: 300 m. Type: *F. C. Lehmann 9099* (K); Colombia. Source: *Monogr. Syst. Bot. Missouri Bot. Gard.* 95: 263. Notes: *Ibid.* p. 221.
- Pleurothallis phalangifera** (Presl) Rchb.f., *Ann. Bot. Syst.* 6: 168. 1861. Synonym(s): *Acronia phalangifera* Presl, *Pleurothallis decurva* Lindl., *Pleurothallis mathewsii* Lindl., *Pleurothallis bogotensis* Lindl., *Humboldtia decurva* (Lindl.) Kuntze, *Humboldtia phalangifera* (Presl) Kuntze, *Humboldtia mathewsii* (Lindl.) Kuntze, *Pleurothallis schnitteri* Schltr., *Pleurothallis ineziae* Schltr., *Pleurothallis wernerii* Schltr., *Pleurothallis nasuta* Schltr. Department(s): Antioquia. Elevation: 2650 m. Type: *T. Haenke s.n.* (PR?); Perú. Voucher: *C. Luer et al. 14139* (MO). Notes: *Monogr. Syst. Bot. Missouri Bot. Gard.* 72: 50.
- Pleurothallis (Acronia) phyllocardioides** Schltr., *Feddes Repert. Beih.* 19: 193. 1923. Synonym(s): *Acronia phyllocardioides* Schltr., *Pleurothallis acostaei* Schltr., *Pleurothallis raphidopus* Schltr., *Pleurothallis gracilispica* C. Schweinf. Department(s): Valle del Cauca. Elevation: 50 m. Type: *A.M. Brenes 290* (B, destroyed); Costa Rica. Voucher: *A. Gentry et al. 56778* (MO). Notes: *Monogr. Syst. Bot. Missouri Bot. Gard.* 103: 252.
- Pleurothallis (Acronia) pileata** Luer & Escobar, *Orquideologia* 15: 142. 1982. Department(s): Chocó. Elevation: 700 m. Type: *C. Luer 6723* (SEL); Colombia. Notes: *Ibid.* p. 143; *Monogr. Syst. Bot. Missouri Bot. Gard.* 103: 253.
- Pleurothallis (Acronia) platypetala** Luer & Escobar, *Orquideologia* 20: 78. 1996. Department(s): Putumayo. Elevation: 2350 m. Type: *C. Luer et al. 12539* (MO); Colombia. Notes: *Ibid.* 77; *Monogr. Syst. Bot. Missouri Bot. Gard.* 103: 253.
- Pleurothallis (Acronia) platysepala** Schltr., *Feddes Repert. Beih.* 7: 111. 1920. Synonym(s): *Pleurothallis granularis* Luer & R. Escobar, *Zosterophyllanthus granularis* (Luer & R. Escobar) Szlach. & Marg. Department(s): Cauca. Elevation: 1800 m.

- Type: *F. C. Lehmann 6930* (Without data): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 103: 253.
- Pleurothallis poculifera** Luer & Escobar, Orquideologia 14: 166. 1981. Department(s): Cauca. Elevation: Without data. Type: *C. Luer 3008* (SEL): Colombia. Notes: Ibid. p. 167.
- Pleurothallis polysticta** Luer, Selbyana 5: 176. 1979. Department(s): Antioquia. Elevation: 2500 m. Type: *C. Luer 2799* (SEL): Panama. Voucher: *C. Luer 16889* (MO). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 72: 51.
- Pleurothallis (Crocodelanthe) popayanensis** F. Lehm. & Kraenzl., Bot. Jahrb. Syst. 26: 438. 1899. Department(s): Cauca. Elevation: 2750 m. Type: *F. C. Lehmann 4514* (K): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 256. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 65: 74.
- Pleurothallis (Apoda-proreptentia) portilloi** Luer & Escobar, Orquideologia 15: 144. 1982. Department(s): Norte de Santander. Elevation: 1730 m. Type: *C. Luer et al. 6688* (SEL): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 255. Notes: Ibid. p. 145.
- Pleurothallis (Crocodelanthe) possoae** Luer, Monogr. Syst. Bot. Missouri Bot. Gard. 79: 129. Department(s): Putumayo. Elevation: 3240 m. Type: *S. M. Pasmíño et al. 22* (PSO, Holotype; Isotype, MO): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 256. Notes: Ibid. p. 139.
- Pleurothallis prognatha** Luer & Escobar, Orquideologia 16: 30. 1983. Department(s): Norte de Santander. Elevation: 1750 m. Type: *C. Luer et al. 7918* (SEL): Colombia. Notes: Ibid. p. 31.
- Pleurothallis pruinosa** Lindl., Bot. Reg. 28: Misc. p. 75. 1842. Synonym(s): *Stelis flavida* H. Focke, *Pleurothallis flavida* (H. Focke) Lindl., *Humboldtia pruinosa* (Lindl.) Kuntze, *Pleurothallis pauciflora* Schltr. Department(s): Valle del Cauca. Elevation: 40m. Type: *F. L. Splitgerber 527* (K): Suriname. Voucher: *J. Cuatrecasas 14049* (AMES). Notes: Ic. Pl. 18:72.
- Pleurothallis (Specklinia) pseudocheila** Luer & Escobar, Orquideologia 16: 173. 1984. Department(s): Cauca. Elevation: Without data. Type: *C. Luer 8186* (SEL): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 263. Notes: Ibid. p. 174.
- Pleurothallis pubescens** Lindl., Comp. Bot. Mag. 2:355.1836. Synonym(s): *Pleurothallis polystachya* A. Rich. & Galeotti, *Pleurothallis vitata* Lindl., *Pleurothallis smithiana* Lindl., *Pleurothallis truxillensis* Rchb.f., *Pleurothallis bufonis* Klotzsch, *Pleurothallis rio-grandensis* Barb. Rodr., *Pleurothallis rio-grandensis* var. *vridicata* Barb. Rodr., *Pleurothallis coriacea* Bello, *Humboldtia polystachya* (A. Rich. & Galeotti) Kuntze, *Humboldtia pubescens* (Lindl.) Kuntze, *Humboldtia smithiana* (Lindl.) Kuntze, *Humboldtia truxillensis* (Rchb.f.) Kuntze. Department(s): Santander. Elevation: 1600 m. Type: *Mr. Barker s.n.* (K): Mexico. Voucher: *C. Luer et al. 10156* (MO). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 102; to find a complete list of Synonyms see Ibid. p. 58.
- Pleurothallis (Crocodelanthe) pulchella** (Kunth) Lindl., in Hooker's Exot. Fl. 2: sub t. 123.1825. Basionym: *Stelis pulchella* Kunth. Synonym(s): *Pleurothallis sphenochila* Lindl., *Pleurothallis naranjensis* Lindl., *Humboldtia naranjensis* (Rchb.f.) Kuntze, *Humboldtia pulchella* (Kunth) Kuntze, *Humboldtia sphenochila* (Rchb.f.) Kuntze, *Pleurothallis ecuadorensis* Schltr., *Pleurothallis pteroglossa* Schltr., *Pleurothallis lloensis* Schltr., *Pleurothallis bogotensis* Schltr., *Pleurothallis tepuiensis* Carnevali & I. Ramirez. Department(s): Antioquia. Elevation: 2880 m. Type: *A. Humboldt & A. Bonpland s.n.* (P): Ecuador. Voucher: *E. André 3612* (K). Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 256. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 65: 74.
- Pleurothallis pulvinaris** Luer & Escobar, Orquideologia 16: 176. 1984. Department(s): Antioquia. Elevation: 2800 m. Type: *R. Escobar et al. 2685* (SEL): Colombia. Notes: Ibid. p. 177.
- Pleurothallis pulvinipes** Schltr., Notizbl. Bot. Gart. 7: 529. 1921. Department(s): Cundinamarca. Elevation: 1770 m. Type: *R. Schnitter s.n.* (Without data): Colombia.
- Pleurothallis (Talpinaria) punctulata** Rolfe, Gard. Chron. ser. 3,4: 756. 1888. Synonym(s): *Humboldtia punctulata* (Rolfe) Kuntze, *Pleurothallis magnispatha* Foldats. Department(s): Norte de Santander. Elevation: 2820 m. Type: *J. Veitch s.n.* (K): Colombia. Voucher: *C. Luer et al. 6642* (SEL). Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 265. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 65: 100.
- Pleurothallis quadricaudata** Schltr., Repert. Spec. Nov. Regni Veg. Beih. 7: 112. 1920. Synonym(s): *Pleurothallis arachnion* Luer. Department(s): Nariño. Elevation: 1600 m. Type: *A. Hirtz 5303* (Lectotype, MO; Holotype M. Madero s.n. destroyed at B): Ec-

- uador. Voucher: *C. Luer et al. 4606* (SEL; Holotype *Pleurothallis arachnion*). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 72: 56.
- Pleurothallis questionis** Luer & Escobar, Orquideologia 20: 79. 1996. Department(s): Chocó. Elevation: 2050 m. Type: *C. Luer et al. 16803* (MO); Colombia. Notes: Ibid. p. 80.
- Pleurothallis quaternaria** Luer, Monogr. Syst. Bot. Missouri Bot. Gard. 72: 31. 1998. Department(s): Valle del Cauca. Elevation: Without data. Type: *C. Luer 18418* (MO); Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 72: 57.
- Pleurothallis ramificans** Luer, Phytologia 46: 371. 1980. Department(s): Nariño. Elevation: 3000 m. Type: *C. Luer et al. 3920* (SEL); Ecuador. Voucher: *C. Luer 4649* (SEL).
- Pleurothallis ramosii** Luer, Monogr. Syst. Bot. Missouri Bot. Gard. 72: 32. 1998. Department(s): Chocó. Elevation: 1900 m. Type: *J. E. Ramos 1224* (CUVC); Colombia. Notes: Ibid. p. 57.
- Pleurothallis reginae** Garay, Svensk Bot. Tidskr. 47: 210. Department(s): Cauca. Elevation: 800 m. Type: *K. V. Sneidern 811* (Without data); Colombia.
- Pleurothallis (Elongatia) restrepioides** Lindl., Comp. Bot. Mag. 2: 356. 1836. Synonym(s): *Pleurothallis fritillaria* Rchb.f., *Humboldtia fritillaria* (Rchb.f.) Kuntze, *Humboldtia restrepioides* (Lindl.) Kuntze, *Pleurothallis atrovioleacea* F. Lehm. & Kraenzl. Department(s): Nariño. Elevation: 1600 m. Type: *A. Mathews s.n.* (K); Perú. Voucher: *R. Escobar 5020* (MO). Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 257. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 52: 85.
- Pleurothallis revoluta** (Ruiz & Pav.) Garay, Caldasia 8: 520. 1962. Basionym: *Humboldtia revoluta* Ruiz & Pav. Synonym(s): *Pleurothallis diffusa* Poepp. & Endl., *Pleurothallis semipellucida* Rchb.f., *Humboldtia diffusa* (Poepp. & Endl.) Kuntze, *Humboldtia semipellucida* (Rchb.f.) Kuntze, *Pleurothallis complicata* Rolfe ex Rusby. Department(s): Cundinamarca. Elevation: 1450 m. Type: *Ruiz & Pavón* (MA); Perú. Voucher: *M. Schneider 580* (S). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 76: 68.
- Pleurothallis raphidopus** Schltr., Repert. Spec. Nov. Regni Veg. Beih. 27: 54. 1924. Department(s): Putumayo. Elevation: 530 m. Type: *W. Hopp 83* (Without data); Colombia.
- Pleurothallis (Crocodelanthe) rhodantha** Rchb.f., Linnaea 22: 825. 1849. Synonym(s): *Humboldtia rhodantha* (Rchb.f.) Kuntze, *Pleurothallis potamophila* Schltr., *Pleurothallis procera* Luer & Vasquez. Department(s): Santander. Elevation: 2740 m. Type: *L. Schlim 1442* (W); Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 257. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 65: 75.
- Pleurothallis (Crocodelanthe) rictoria** Rchb.f., Linnaea 61: 14. 1877. Department(s): Antioquia. Elevation: Without data. Type: *J. R. von R. Warszewicz s.n.* (W); Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 257. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 65: 75.
- Pleurothallis (Acianthera) rodrigoii** Luer, Revista Soc. Boliv. Bot. 4: 19. 2003. Department(s): Antioquia. Elevation: 2500 m. Type: *R. Escobar 5170* (MO); Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 254. Notes: Ibid. p. 20.
- Pleurothallis rowleei** Ames, Sched. Orch. 1: 11. 1922. Synonym(s): *Pleurothallis cucullata* Ames, *Pleurothallis rhodocardia* Garay. Department(s): Chocó. Elevation: 250 m. Type: *W. W. & H. E. Rowlee 236* (AMES); Costa Rica. Voucher: *R. Escobar 5229* (MO). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 72: 51.
- Pleurothallis (Rubellia) rubella** Luer, Selbyana 3: 378. 1977. Synonym(s): *Platystele aurea* Garay. Department(s): Quindío. Elevation: Without data. Type: *R. L. Dressler s.n.* (SEL); Panama. Voucher: *R. Escobar 886* (AMES; Holotype *Platystele aurea*). Source: Monogr. Syst. Bot. Missouri Bot. Gard. 20: 73. Ibid. p. 74.
- Pleurothallis (Specklinia) rubens** Lindl., Bot. Reg. 21: sub.t. 1797. 1836. Synonym(s): *Humboldtia rubens* (Lindl.) Kuntze, *Pleurothallis rubens* var. *latifolia* Cogn., *Pleurothallis rubens* var. *longifolia* Cogn., *Pleurothallis amblyopetala* Schltr., *Pleurothallis montserratii* Porsch, *Pleurothallis excisa* C. Schweinf. Department(s): Cundinamarca. Elevation: 1300 m. Type: *Martius s.n.* (M); Brazil. Voucher: *L. Uribe U. 4856* (AMES, COL). Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 263. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 76: 131.
- Pleurothallis (Acronia) ruberrima** Lindl., Orch. Linden. 1. 1846. Synonym(s): *Acronia ruberrima* (Lindl.) Luer, *Pleurothallis yungasensis* Rolfe, *Pleurothallis opeatorhyncha* Schltr. Department(s): Cundinamarca. Elevation: 1700 m. Type: *J. Linden 670*

- (K): Venezuela. Voucher: *M. Schneider 404* (S). Notes: Orq. Nat. Col. 6 fig. 1231.
- Pleurothallis (Acronia) rugosa** Luer & Escobar, Orquideologia 15: 147. 1982. Department(s): Cauca. Elevation: 3070 m. Type: *C. Luer et al. 3053* (SEL): Colombia. Notes: Ibid. p. 148.
- Pleurothallis (Colombiana) ruscaria** Luer, Phytologia 47: 79. 1980. Department(s): Nariño. Elevation: 1600 m. Type: *C. Luer et al. 4611* (SEL): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 256. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 31: 63.
- Pleurothallis ruscifolia** (Jacq.) R. Br., Hort. Kew. ed. 2, 5:211.1813. Basionym: *Epidendrum ruscifolium* Jacq. Synonym(s): *Dendrobium ruscifolium* (Jacq.) Sw., *Pleurothallis succosa* Lindl., *Pleurothallis multicaulis* Poepp. & Endl., *Humboldtia ruscifolia* (Jacq.) Kuntze, *Humboldtia succosa* (Lindl.) Kuntze, *Pleurothallis glomerata* Ames, *Pleurothallis ruscifolia* var. *caquetana* Schltr. Department(s): Antioquia. Elevation: 2350 m. Type: *Plumier s.n.* (Holotype *Epidendrum ruscifolium*: Plumier's drawing; Without data): Martinique. Voucher: *C. Luer et al. 11379* (MO). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 76: 62.
- Pleurothallis sagittilabia** Luer, Orquideologia 21: 130. 1999. Department(s): Valle del Cauca. Elevation: 900 m. Type: *J. Giraldo et al. 557* (TULV): Colombia. Notes: Ibid. p. 131.
- Pleurothallis (Talpinaria) sandemanii** Luer, Orquideologia 20: 222. 1996. Department(s): Meta. Elevation: 1600 m. Type: *C. Sandeman 5872* (K): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 265. Notes: Ibid. 223.
- Pleurothallis sanluisii** Foldats, Acta Bot. Venez. 3: 390. 1068. Synonym(s): *Pleurothallis stalkyi* Luer. Department(s): Without data. Elevation: Without data. Type: *J. A. Steyermaek 98995* (VEN): Venezuela. Voucher: *C. Luer 18560A* (MO). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 72: 51.
- Pleurothallis (Acronia) sannio** Luer & R. Escobar, Orquideología 21:106.1998. Department(s): Chocó. Elevation: 2700 m. Type: *C. Luer 17624* (MO): Colombia. Notes: Ibid. p. 107.
- Pleurothallis (Acronia) scabrilinguis** Lindl., Comp. Bot. Mag. 2: 354. 1836. Synonym(s): *Zosterophyllanthos scabrilinguis* (Lindl.) Slazch. & Marg. Department(s): Risaralda. Elevation: 2300 m. Type: *Matthews 1904* (K): Perú. Voucher: *A. de Wilde 4317* (MO). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 103: 259
- Pleurothallis (Crocodelanthé) scansor** Luer, Phytologia 49: 216. 1981. Department(s): Cauca. Elevation: 3050 m. Type: *C. Luer et al. 6259* (SEL): Ecuador. Voucher: *J. Cuatrecasas 19264* (AMES). Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 257. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 65: 76.
- Pleurothallis (Specklinia) sclerophylla** Lindl., Bot. Reg. 21: sub t. 1797. 1835. Synonym(s): *Pleurothallis stenopetala* Lodd. ex Lindl., *Pleurothallis listrostachys* Rchb.f., *Anathallis secunda* Barb. Rodr., *Humboldtia sclerophylla* (Lindl.) Kuntze, *Humboldtia stenopetala* (Lodd. ex Lindl.) Kuntze, *Pleurothallis urosepala* F. Lehm. & Kraenzl., *Pleurothallis triura* Schltr., *Pleurothallis ottonis* Schltr. Department(s): Quindío. Elevation: 2000 m. Type: *Martius s.n. obs. 1232* (M): Brasil. Voucher: *P. Viveros 362* (HUQ). Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 263. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 76: 132.
- Pleurothallis scolopax** Luer & Escobar, Orquideologia 14: 172. 1981. Department(s): Chocó. Elevation: 300 m. Type: *R. Escobar 1518* (JAUM): Colombia. Notes: Ibid. p. 173.
- Pleurothallis (Acronia) sergioi** Luer & Escobar, Orquideologia 22: 272. 2003. Department(s): Without data. Elevation: Without data. Type: *C. Luer 2958* (SEL): Colombia. Notes: Ibid. p. 274; Monogr. Syst. Bot. Missouri Bot. Gard. 103: 260.
- Pleurothallis serpens** Luer & Escobar, Orquideologia 16: 31. 1983. Department(s): Santander. Elevation: 2600 m. Type: *C. Luer et al. 7625* (SEL): Colombia. Notes: Ibid. p. 33.
- Pleurothallis (Acronia) serricardia** Schltr., Rept. Spec. Nov. Regni Veg. Beih. 27: 55. 1924. Department(s): Nariño. Elevation: 2900 m. Type: *W. Hopp 172* (Holotype destroyed at B): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 103: 260.
- Pleurothallis (Specklinia) sibatensis** F. Lehm. & Kraenzl., Bot. Jahrb. Syst. 26: 445. 1899. Department(s): Cundinamarca. Elevation: Without data. Type: *Lehm. & Kraenzl. 2553?* (Without data): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 263.
- Pleurothallis sicaria** Lindl., Bot. Reg. 27: Misc. 91. 1841. Synonym(s): *Pleurothallis tripteris* Rchb.f., *Pleurothallis trigonopoda* Klotzsch, *Humboldtia sicaria* (Lindl.) Kuntze, *Pleurothallis alpina* Ames, *Acianthera alpina*

- (Ames) Pridgeon & M.W.Chase, *Acianthera sicaria* (Lindl.) Pridgeon & M.W.Chase. Department(s): Antioquia. Elevation: 1850 m. Type: *Loddiges s.n.* (K): Trinidad. Voucher: *C. Luer et al. 14166* (MO). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 104.
- Pleurothallis silverstonei** Luer, Monogr. Syst. Bot. Missouri Bot. Gard. 44: 122. 1992. Department(s): Valle del Cauca. Elevation: 2400 m. Type: *P. A. Silverstone-Sopkin 2667* (CUVC): Colombia. Notes: Ibid. p. 123.
- Pleurothallis (Acronia) siphoglossa** Luer & Escobar, Orquideologia 20: 82. 1996. Department(s): Santander. Elevation: 2400 m. Type: *C. Luer et al. 10104* (MO): Colombia. Notes: Ibid. p. 83; Monogr. Syst. Bot. Missouri Bot. Gard. 103: 260.
- Pleurothallis (Lindleyalis) sirene** Rchb.f., Bonplandia (Hanover) 3: 71. 1855. Synonym(s): *Humboldtia sirene* Kuntze, *Pleurothallis scapha* Rchb.f. Department(s): Norte de Santander. Elevation: 2130 m. Type: *H. Wagener 558* (W): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 258. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 79: 114.
- Pleurothallis somnolenta** Luer, Orquideologia 20: 225. 1996. Department(s): Chocó. Elevation: 2200 m. Type: *P. Silverstone-Sopkin et al. (4334)*: Colombia. Notes: Ibid. p. 226.
- Pleurothallis (Specklinia) spathilabia** Schltr., Repert. Spec. Nov. Regni Veg. Beih. 27: 56. 1924. Department(s): Nariño. Elevation: 2300 m. Type: *W. Hopp 117* (B Destroyed): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 263. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 76: 132.
- Pleurothallis (Crocodelanthe) spathosa** Luer & Escobar, Orquideologia 20: 86. 1996. Department(s): Santander. Elevation: 3300 m. Type: *C. Luer et al. 10175* (MO): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 257. Notes: Ibid. p. 85.
- Pleurothallis (Ancipitia) spathulipetala** Luer, Orquideologia 20: 227. 1996. Department(s): Cundinamarca. Elevation: Without data. Type: *F.C. Lehmann s.n.* (K): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 255. Notes: Ibid. p. 228.
- Pleurothallis spiculifera** Lindl., Fol. Orch. Pleuroth. 43. 1859. Synonym(s): *Specklinia spiculifera* (Lindl.) Pridgeon & M.W.Chase, *Humboldtia spiculifera* (Lindl.) Kuntze, *Pleurothallis acutissima* Lindl., *Pleurothallis sertularioides* var. *trinitensis* Griseb., *Humboldtia acutissima* (Lindl.) Kuntze, *Pleurothallis trinitensis* (Griseb.) Carnevali & G.A.Romero. Department(s): Amazonas. Elevation: Without data. Type: *Spruce 3154* (Without data): Brasil. Voucher: *Schulte et al. 14559* (MO). Source: Protologue, Tropicos database, Govaerts et al. 1 May 2006. Notes: Orchids Venezuela, ed. 2: 850; synonyms from Kew Monocots List, not reconfirmed.
- Pleurothallis (Specklinia) stenophylla** F. Lehm. & Kraenzl., Bot. Jahrb. Syst. 26: 442. Synonym(s): *Pleurothallis melanopus* F. Lehm. & Kraenzl. Department(s): Cauca. Elevation: 1650 m. Type: *F. C. Lehmann 4515* (K): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 264. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 76: 133.
- Pleurothallis stenosepala** Rolfe, Kew Bull. 208. 1892. Department(s): Antioquia. Elevation: 2500 m. Type: Without data: Described from cultivated material. Voucher: *W. Rodriguez et al. 828*. Source: Protologue, Ic.Pl. 27:160; Tropicos database. Notes: this species is considered a synonym of *Acronia microcardia* (Rchb.f.) Luer, subsp. *microcardia* in Monogr. Syst. Bot. Missouri Bot. Gard. 103: 160.
- Pleurothallis stricta** Luer, Selbyana 5: 181. 1979. Department(s): Cundinamarca. Elevation: 2250 m. Type: *C. Luer 4113* (SEL): Ecuador. Voucher: *C. Luer 2937* (SEL). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 72: 51.
- Pleurothallis strobilifera** F. Lehm. & Kraenzl., Engl. Bot. Jahrb. Syst. 26: 440. 1899. Department(s): Quindío. Elevation: 1840 m. Type: *F. C. Lehmann 8199* (Lectotype K; Holotype destroyed at B): Colombia. Voucher: *P. Viveros 792* (HUQ). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 76: 82; Lectotype from Antioquia.
- Pleurothallis sugdenii** Luer, Orquideologia 20: 229. 1996. Department(s): Guajira. Elevation: 650 m. Type: *A. Sugden 34* (K): Colombia. Notes: Ibid. p. 230.
- Pleurothallis supervacanea** Rchb.f., Hamb. Gartenz. 16: 180. 1860. Synonym(s): *Pleurothallis apoxys* Luer & Escobar. Department(s): Antioquia. Elevation: Without data. Type: *Patín s.n.* (W): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 72: 52.
- Pleurothallis talpinaria** Rchb.f., Flora 69: 554. 1886. Synonym(s): *Talpinaria bivalvis* Karst., *Pleurothallis trimeroglossa* Schltr. Department(s): Quindío. Elevation: 2000 m. Type: *H. Karsten 6* (W, Holotype of *Talpinaria bivalvis*): Colombia. Voucher: *G. Arbelaez 2628* (HUQ). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 65: 100; Orq. Nat. Col. 6 fig. 1222.

- Pleurothallis tamboënsis** Luer & Escobar, *Orquideologia* 14: 174. 1981. Department(s): Cauca. Elevation: 2400 m. Type: *R. Escobar 1828* (JAUM): Colombia. Notes: Ibid. p. 175.
- Pleurothallis tanyrhina** Luer & Escobar, *Orquideologia* 14: 176. 1981. Department(s): Antioquia. Elevation: 2650 m. Type: *C. Luer 2082* (SEL): Colombia. Notes: Ibid. p. 177.
- Pleurothallis (Specklinia) tarantula** Luer & Hirtz, *Lindleyana* 11: 186. 1996. Department(s): Antioquia. Elevation: 1900 m. Type: *C. Luer et al. 13553* (MO); Ecuador. Voucher: *C. Luer et al. 14212* (MO). Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 264. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 79: 99.
- Pleurothallis taurus** Luer, *Phytologia* 47: 80. 1980. Department(s): Putumayo. Elevation: 2700 m. Type: *C. Luer et al. 3077* (SEL): Colombia.
- Pleurothallis (Ancipitia) tetragona** Luer & Escobar, *Orquideologia* 14: 178. 1981. Department(s): Without data. Elevation: Without data. Type: *R. Escobar 983* (JAUM): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 255. Notes: Ibid. p. 179.
- Pleurothallis (Colombiana) tetroxys** Luer, Monogr. Syst. Bot. Missouri Bot. Gard. 31: 66. 1989. Department(s): Nariño. Elevation: 1800 m. Type: *C. Luer 12497* (MO): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 256. Notes: Ibid. p. 67.
- Pleurothallis (Acronia) titan** Luer, *Selbyana* 3: 400. 1976. Department(s): Chocó. Elevation: 1000 m. Type: *R. Dressler s.n.* (SEL): Panama. Voucher: *N. Paz et al. 643* (MO, COL). Notes: *Orq. Nat. Col.* 3 fig. 504; Monogr. Syst. Bot. Missouri Bot. Gard. 103: 263.
- Pleurothallis torrana** Luer, *Orquideologia* 20: 231. 1996. Department(s): Chocó. Elevation: 1900 m. Type: *P. Silverstone-Sopkin et al. 4334* (CUVC): Colombia. Notes: Ibid. p. 232.
- Pleurothallis (Specklinia) tortilis** Luer & Escobar, *Orquideologia* 14: 180. 1981. Department(s): Cauca. Elevation: 3070 m. Type: *C. Luer et al. 3021* (SEL): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 264. Notes: Ibid. p. 181.
- Pleurothallis (Acronia) tridentata** Klotzsch, *Allgem. Gartenzeit.* 8: 289. 1840. Synonym(s): *Pleurothallis ionantha* Rchb.f., *Pleurothallis nephrocardia* Schltr., *Zosterophyllanthos ionanthus* (Rchb.f.) Szlach. & Marg., *Zosterophyllanthos nephrocardius* (Lindl.) Szlach. & Marg., *Zosterophyllanthos tridentatus* (Klotzsch) Szlach. & Marg. Department(s): Chocó. Elevation: 680 m. Type: *E. Otto s.n.* (K): Venezuela. Voucher: *E. Forero et al. 6820* (COL, MO). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 103: 265.
- Pleurothallis trimytera** Luer & Escobar, *Orquideologia* 16: 34. 1983. Department(s): Boyacá. Elevation: 2600 m. Type: *C. Luer et al. 8033* (SEL): Colombia. Notes: Ibid. p. 35.
- Pleurothallis (Specklinia) tripterantha** Rchb.f., *Bonplandia* (Hanover) 2: 24. 1854. Synonym(s): *Pleurothallis tripterygia* Rchb.f., *Pleurothallis procumbens* Lindl., *Lepanthes tricarinata* Barb. Rodr., *Humboldtia procumbens* (Lindl.) Kuntze, *Humboldtia tripterantha* (Rchb.f.) Kuntze, *Humboldtia tripterygia* (Rchb.f.) Kuntze, *Pleurothallis tri-alata* Cogn., *Masdevallia tricarinata* F. Lehm. & Kraenzl., *Pleurothallis hamata* Rolfe, *Pleurothallis medellinensis* Schltr., *Masdevallia carpophora* Kraenzl., *Masdevallia aperta* Kraenzl., *Pleurothallis hunteriana* Schltr., *Pleurothallis aperta* (Kraenzl.) Ames, *Scaphosepalum carpophorum* (Kraenzl.) Garay. Department(s): Antioquia. Elevation: 1660 m. Type: *H. Wagener 120* (W): Venezuela. Voucher: *F.C. Lehmann 134* (W). Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 264. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 79: 100.
- Pleurothallis tryssa** Luer, *Selbyana* 1: 303. 1975. Department(s): Nariño. Elevation: 1800 m. Type: *C. Luer et al. 223* (SEL): Ecuador. Voucher: *C. Luer et al. 12500* (SEL). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 72: 52.
- Pleurothallis (Specklinia) tsubotae** Luer & Escobar, *Orquideologia* 20: 88. 1996. Department(s): Risaralda. Elevation: Without data. Type: *C. Luer et al. 16763* (MO): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 264. Notes: Ibid. p. 87.
- Pleurothallis (Crocodeilanthe) tunguraguae** F. Lehm. & Kraenzl., *Bot. Jahrb. Syst.* 26: 439. 1899. Synonym(s): *Pleurothallis tungurahua* var. *minor* Garay. Department(s): Valle del Cauca. Elevation: 1800 m. Type: *F. C. Lehmann 4504* (Holotype, presumably destroyed at B; Lectotype designated by Luer 1998, K): Ecuador. Voucher: *R. Escobar 8299* (MO). Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 257. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 65: 77.
- Pleurothallis tuzae** Luer, *Orquideologia* 21:

- 132.1999. Department(s): Antioquia. Elevation: Without data. Type: *F. C. Lehmann s.n.* (K): Colombia. Notes: Ibid. p. 133.
- Pleurothallis uvifera** Luer & Escobar, Orquideologia 16: 36. 1984. Department(s): Norte de Santander. Elevation: 2600 m. Type: *C. Luer et al. 6634* (SEL): Colombia. Notes: Ibid. p. 37.
- Pleurothallis (Crocodelanthe) velaticaulis** Rchb.f., *Linnaea* 22: 824. 1849. Synonym(s): *Pleurothallis velatipes* Rchb.f., *Pleurothallis crassipes* Lindl., *Pleurothallis trilineata* Lindl., *Pleurothallis pichinchae* Rchb.f., *Humboldtia crassipes* (Lindl.) Kuntze, *Humboldtia trilineata* (Lindl.) Kuntze, *Humboldtia trilineata* (Lindl.) Kuntze, *Humboldtia velaticaulis* (Rchb.f.) Kuntze, *Humboldtia velatipes* (Rchb.f.) Kuntze, *Stelis velaticaulis* (Rchb.f.) Pridgeon & M.W.Chase. Department(s): Antioquia. Elevation: 2500 m. Type: *Otto s.n.* (W): Venezuela. Voucher: *G. Lozano et al. 3495* (NY). Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 257; Tropicos database. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 65: 78.
- Pleurothallis vestigipetala** Luer, Selbyana 3: 404.1977. Department(s): Cundinamarca. Elevation: 2650 m. Type: *C. Luer et al. 1496* (SEL): Ecuador. Voucher: *F. C. Lehmann 7087* (K). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 52: 11:67.
- Pleurothallis vieirae** Luer & Escobar, Orquideologia 14: 182. 1981. Department(s): Chocó. Elevation: 250 m. Type: *C. Luer 2037* (SEL): Colombia. Notes: Ibid. p. 183.
- Pleurothallis (Acronia) vinealis** Luer & Escobar, Orquideologia 16: 30. 1986. Synonym(s): *Zosterophyllum vinealis* (Luer & R. Escobar) Szlach. & Marg. Department(s): Cundinamarca. Elevation: 2700 m. Type: *C. Luer et al. 10364* (MO): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 103: 267. Notes: Ibid. p. 31.
- Pleurothallis wagneriana** Klotzsch, *Allgem Gartenzeit.* 20: 274. 1852. Synonym(s): *Pleurothallis convexifolia* Barb. Rodr., *Pleurothallis xylobiochila* Kraenzl., *Pleurothallis dasychila* Luer, *Acianthera wagneriana* (Klotzsch) Pridgeon & M.W.Chase. Department(s): Without data. Elevation: Without data. Type: *H. Wagener 344* (W): Venezuela. Voucher: *R. Escobar 8345, 8371* (MO). Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 73. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 107.
- Pleurothallis (Unciferia) wagneri** Schltr., *Repert. Spec. Nov. Regni Veg.* 17: 141.1921. Synonym(s): *Pleurothallis falcatiloba* Ames, *Pleurothallis agularii* Ames. Department(s): Without data. Elevation: Without data. Type: *M. Wagner 25* (Holotype, destroyed at B; Lectotype AMES 26762, Illustration of the Type designated by Luer 1998): Panama. Voucher: Photography of plant cultivated at Colomborquideas. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 72: 97. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 72: 100.
- Pleurothallis wyvern** Luer & Escobar, Orquideologia 14: 184. 1981. Department(s): Putumayo. Elevation: 2000 m. Type: *C. Luer et al. 3726* (SEL): Colombia. Notes: Ibid. p. 185.
- Pleurothallis xanthochlora** Rchb.f., *Linnaea* 22: 823. 1849. Synonym(s): *Humboldtia xanthochlora* (Rchb.f.)Kuntze, *Pleurothallis huacoensis* Schltr., *Pleurothallis dolichoaulon* Schltr. Department(s): Cundinamarca. Elevation: 2000 m. Type: *Moritz Wagner 1054* (K): Venezuela. Voucher: *M. Schneider 44* (AMES, S). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 76: 73.
- Pleurothallis (Xenosia) xenion** Luer & Escobar, Orquideologia 16: 38. 1983. Department(s): Boyacá. Elevation: 3100 m. Type: *C. Luer et al. 7981* (SEL): Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 265. Notes: Ibid. p. 39.
- Pleurothallis (Specklinia) zephyrina** (Rchb.f.), *Bonplandia* 3: 71, 1855. Synonym(s): *Specklinia zephyrina* (Rchb.f.) Luer, *Pleurothallis arachnantha* Rchb.f., *Pleurothallis fimbripetala* Schltr., *Pleurothallis setigera* Lindl., *Specklinia setigera* (Lindl.) Pridgeon & M.W.Chase, *Trichosalpinx zephyrina* (Rchb.f.) Luer, *Humboldtia zephyrina* (Rchb.f.) Kuntze. Department(s): Cundinamarca. Elevation: Without data. Type: *Without data* (Without data): Venezuela. Voucher: *M. Schneider 268-2* (COL). Source: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 265; Monogr. Syst. Bot. Missouri Bot. Gard. 64: 16; Tropicos database; Jørgensen, P. M & S. León-Yáñez (eds.) 1999.
- Porroglossum actrix** Luer & Escobar, Monogr. Syst. Bot. Missouri Bot. Gard. 39: 152. 1991. Department(s): Putumayo. Elevation: 2000 m. Type: *R. Escobar 4050* (MO): Colombia. Notes: Ibid. p. 153.
- Porroglossum echidna** (Rchb.f.) Garay, *Svensk Bot. Tidskr.* 47: 201. 1953. Basionym: *Masdevallia echidna* Rchb.f. Synonym(s): *Scaphosepalum echidna* (Rchb.f.) Schltr. Department(s): Norte de Santander. Elevation: Without data. Type: *H. Wagener s.n.* (W): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 24: 47.

- Porroglossum eduardi** (Rchb.f.) Sweet, Amer. Orch. Soc. Bull. 41: 519. 1972. Basionym: *Masdevallia eduardi* Rchb.f. Department(s): Nariño. Elevation: 1900 m. Type: *E. Klabocho s.n.* (W): Colombia. Voucher: *O. Salazar 727* (PSO). Source: Monogr. Syst. Bot. Missouri Bot. Gard. 24: 48. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 24: 48; Orq. Nat. Col. 6 fig. 1267.
- Porroglossum mordax** (Rchb.f.) Sweet, Orquideologia 5: 166. 1970. Basionym: *Masdevallia mordax* Rchb.f. Synonym(s): *Porroglossum colombianum* Schltr., *Scaphosepalum antioquense* Kraenzl., *Lothiana mordax* (Rchb.f.) Kraenzl., *Masdevallia colombiana* (Schltr.) P.H.Allen ex Hodge & Gutier. Department(s): Cauca. Elevation: 2300 m. Type: *F. C. Lehmann 3620* (G): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 24: 59.
- Porroglossum muscosum** (Rchb.f.) Schltr., Repert. Spec. Nov. Regni Veg. Beih. 7: 83. 1920. Basionym: *Masdevallia muscosa* Rchb.f. Synonym(s): *Masdevallia xipheres* Rchb.f., *Scaphosepalum xipheres* (Rchb.f.) Schltr., *Porroglossum xipheres* (Rchb.f.) Garay. Department(s): Antioquia. Elevation: Without data. Type: *Shuttleworth s.n.* (W; K): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 24: 61.
- Porroglossum nutibara** Luer & Escobar, Monogr. Syst. Bot. Missouri Bot. Gard. 24: 66. 1988. Department(s): Antioquia. Elevation: 2050 m. Type: *R. Escobar s.n.* (JAUM): Colombia. Notes: Ibid. p. 67.
- Porroglossum olivaceum** Swet, Orquideologia 5: 167. 1970. Department(s): Nariño. Elevation: 1600 m. Type: *W. B. Drew E-536* (AMES): Ecuador. Voucher: *C. Luer et al. 4616* (SEL). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 24: 69.
- Porroglossum rodrigo** Sweet, Orquideologia 9: 129. 1974. Department(s): Antioquia. Elevation: 1700 m. Type: *R. Escobar 1055* (JAUM): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 24: 79.
- Porroglossum sergii** P. Ortiz, Orquideologia 10: 215. 1976. Department(s): Antioquia. Elevation: Without data. Type: *P. Ortiz 689* (COL): Colombia. Notes: Ibid. p. 217; Monogr. Syst. Bot. Missouri Bot. Gard. 24: 83.
- Restrepia antennifera** H.B.K., Nov. Gen. & Sp. Pl. 1: 367. 1816. Synonym(s): *Restrepia hemsleyana* Schltr., *Pleurothallis ospinae* R.E.Schult., *Restrepia antennifera* subsp. *klabochorum* Mohr, *Restrepia antennifera* subsp. *hemsleyana* Mohr. Department(s): Nariño. Elevation: 2700 m. Type: *A. von Humboldt & A. Bonpland s.n.* (P): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 59: 26; Orq. Nat. Col. 4 fig. 551; original elevation data 1480 hexap.
- Restrepia aristulifera** Garay & Dunsterv., Venez. Orchids Illustr. 5: 258, 1972. Department(s): Norte de Santander. Elevation: 2500 m. Type: *G. C. K. Dunsterville 1090* (AMES): Venezuela. Voucher: *C. Luer et al. 7796* (SEL). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 59: 30.
- Restrepia aspasicensis** Rchb.f., Bonplandia (Hanover) 3: 70. 1855. Synonym(s): *Restrepia dentata* Rolfe. Department(s): Norte de Santander. Elevation: Without data. Type: *H. Wagener s.n.* (Holotype W; Isotype K): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 59: 32; Published as *Restrepia aspasicensium*, see: Missouri Botanical Garden, Tropicos database.
- Restrepia brachypus** Rchb.f., Flora 69: 554, 1886. Synonym(s): *Restrepia striata* Rolfe, *Pleurothallis hawkesii* Flickinger, *Restrepia antennifera* subsp. *striata* (Rolfe) Mohr. Department(s): Valle del Cauca. Elevation: 1500 m. Type: *F. C. Lehmann 3215* (W): Colombia. Voucher: *C. H. Dodson & H. Hills 3231* (SEL). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 59: 35; Orq. Nat. Col. 6 fig. 1275.
- Restrepia chameleon** Luer & Escobar, Orquideologia 20: 120. 1996. Department(s): Norte de Santander. Elevation: 2700 m. Type: *C. Luer 13130* (JAUM): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 59:38; Orq. Nat. Col. 6 fig. 1274.
- Restrepia chocoënsis** Garay, Orquideologia 8: 181. 1973. Department(s): Chocó. Elevation: 1900 m. Type: *G. Escobar 1054* (AMES): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 59: 40; Orq. Nat. Col. 4 fig. 556.
- Restrepia chrysoglossa** Luer & Escobar, Orquideologia 20: 123, 1996. Department(s): Valle del Cauca. Elevation: 2100 m. Type: *C. Luer 17874* (JAUM, Holotype; MO, Isotype): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 59: 42; Orq. Nat. Col. 6 fig. 1283.
- Restrepia citrina** Luer & Escobar, Orquideologia 16: 40, 1983. Department(s): Norte de Santander. Elevation: 2600 m. Type: *C. Luer et al. 6624* (SEL, Holotype; JAUM, Isotype): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 59: 44; Orq. Nat. Col. 4 fig. 554.
- Restrepia contorta** (R. & P.) Luer, Monogr. Syst. Bot. Missouri Bot. Gard. 59: 50. 1996. Basionym: *Humboldtia contorta* Ruiz &

- Pav. Synonym(s): *Stelis contorta* (Ruiz & Pav.) Pers., *Restrepia maculata* Lindl., *Restrepia punctulata* Lindl., *Restrepia pardina* Lem., *Restrepia ecuadorensis* Rolfe, *Restrepia caucana* Schltr., *Pleurothallis fimbriata* C.Schweinf., *Restrepia apiculata* Luer, *Restrepia maculata* subsp. *ecuadorensis* (Schltr.) Mohr. Department(s): Nariño. Elevation: 1900 m. Type: *Ruiz & Pavón s.n.* (MA, Holotype; W, Isotype): Perú. Voucher: *C. Luer et al. 3169* (SEL). Notes: *Ibid.* p. 53; Orq. Nat. Col. 4 fig. 548; 6 fig. 1281.
- Restrepia cuprea** Luer & Escobar, Orquideologia 20: 130, 1996. Department(s): Antioquia. Elevation: 1700 m. Type: *C. Luer 16677* (MO): Colombia. Notes: *Monogr. Syst. Bot. Missouri Bot. Gard.* 59: 58; Orq. Nat. Col. 4 fig. 547.
- Restrepia echinata** Luer & Escobar, Orquideologia 20: 135, 1996. Department(s): Norte de Santander. Elevation: 1730 m. Type: *C. Luer 16660* (MO): Colombia. Notes: *Monogr. Syst. Bot. Missouri Bot. Gard.* 59: 64; *ONC* 4 fig. 557.
- Restrepia echo** Luer & Escobar, Orquideologia 20: 138, 1996. Department(s): Antioquia. Elevation: 1950 m. Type: *C. Luer 16702* (JAUM, Holotype; MO, Isotype): Colombia. Notes: *Monogr. Syst. Bot. Missouri Bot. Gard.* 59: 66; Orq. Nat. Col. 6 fig. 1282.
- Restrepia escobariana** Luer, Orquideologia 20: 144, 1996. Department(s): Risaralda. Elevation: 2000 m. Type: *C. Luer 16656* (JAUM, Holotype; MO, Isotype): Colombia. Notes: *Monogr. Syst. Bot. Missouri Bot. Gard.* 59: 74.
- Restrepia falkenbergii** Rchb.f., *Gard. Chron.* n. s. 13: 232. 1880. Department(s): Antioquia. Elevation: 1070 m. Type: *Falkenberg s.n.* (W, Lectotype): Colombia. Notes: *Monogr. Syst. Bot. Missouri Bot. Gard.* 59: 76; Orq. Nat. Col. 4 fig. 552.
- Restrepia flosculata** Luer, *Selbyana* 7: 127, 1982. Synonym(s): *Restrepia flosculata* var. *pallens* Mohr & Herzum, *Restrepia flosculata* var. *picta* Mohr & Herzum, *Restrepia flosculata* subsp. *picta* (Mohr & Herzum) Mohr. Department(s): Valle del Cauca. Elevation: 1800 m. Type: *C. H. Dodson et al. 1600* (SEL, Holotype): Ecuador. Voucher: *R. Escobar s.n.* (JAUM). Notes: *Monogr. Syst. Bot. Missouri Bot. Gard.* 59: 78.
- Restrepia guttulata** Lindl., *Companion Bot. Mag.* 2: 357, 1836. Synonym(s): *Restrepia robledorum* Braas & Braem, *Restrepia maculata* subsp. *robledorum* (Braas & Braem) Mohr. Department(s): Antioquia. Elevation: 2000 m. Type: *Jameson s.n.* (K, Lectotype): Ecuador. Voucher: *C. Luer et al. 1883* (SEL). Notes: *Monogr. Syst. Bot. Missouri Bot. Gard.* 59: 80; Orq. Nat. Col. 4 fig. 560.
- Restrepia limbata** Luer & Escobar, *Selbyana* 7: 76, 1982. Department(s): Risaralda. Elevation: 2100 m. Type: *R. Escobar 1187* (SEL, Holotype; JAUM, Isotype): Colombia. Notes: *Monogr. Syst. Bot. Missouri Bot. Gard.* 59: 96; Orq. Nat. Col. 4 fig. 559.
- Restrepia metae** Luer, *Orquideologia* 20: 159, 1996. Department(s): Meta. Elevation: 550 m. Type: *J. Renz 3610* (Herb. J. Renz): Colombia. Notes: *Ibid.* p. 161; *Monogr. Syst. Bot. Missouri Bot. Gard.* 59: 100.
- Restrepia muscifera** (Lindl.) Rchb.f. ex Lindl., *Fol. Orch. Restrepia.* 2: 1859. Basionym: *Pleurothallis muscifera* Lindl. Synonym(s): *Restrepia lansbergii* sensu Hook., *Restrepia xanthophthalma* Rchb.f., *Restrepia dayana* Rchb.f., *Restrepia shuttleworthii* Rolfe, *Restrepia powelli* Schltr., *Restrepia tonduzii* Schltr., *Pleurothallis dayana* (Rchb.f.) L.O. Williams, *Pleurothallis xanthophthalma* (Rchb.f.) L.O. Williams, *Restrepia muscifera* subsp. *shuttleworthii* (Rolfe) Mohr. Department(s): Antioquia. Elevation: 2200 m. Type: *G. U. Skinner s.n.* (K): Guatemala. Voucher: *R. Escobar 2593* (SEL). Notes: *Monogr. Syst. Bot. Missouri Bot. Gard.* 59: 104; Orq. Nat. Col. 4 fig. 562.
- Restrepia nittiorhyncha** (Lindl.) Garay, *Bot. Mus. Leaf.* 21: 253, 1967. Basionym: *Pleurothallis nittiorhyncha* Lindl. Synonym(s): *Humboldtia nittiorhyncha* (Lindl.) Kuntze, *Restrepia schlimii* Rchb.f. Department(s): Santander. Elevation: 2750 m. Type: *L. Schlim s.n.* (K): Colombia. Notes: *Monogr. Syst. Bot. Missouri Bot. Gard.* 59: 110; Orq. Nat. Col. 4 fig. 555; original collection data: Old province of Ocaña.
- Restrepia pandurata** Rchb.f., *Gard. Chron.* 1: 244, 1887. Department(s): Without data. Elevation: Without data. Type: *F. Sander s.n.* (W): Colombia. Notes: *Monogr. Syst. Bot. Missouri Bot. Gard.* 59: 112.
- Restrepia pelyx** Luer & Escobar, *Selbyana* 7: 76, 1982. Department(s): Antioquia. Elevation: 2000 m. Type: *R. Escobar 241* (SEL, Holotype; JAUM, Isotype): Colombia. Notes: *Monogr. Syst. Bot. Missouri Bot. Gard.* 59: 114; Orq. Nat. Col. 4 fig. 553.
- Restrepia purpurea** Luer & Escobar, Orquideologia 20: 162, 1996. Department(s): Nariño. Elevation: Without data. Type: *C. Luer 17545* (MO): Colombia. Notes: *Monogr. Syst. Bot. Missouri Bot. Gard.* 59: 116; Orq. Nat. Col. 6 fig. 1276.
- Restrepia sanguinea** Rolfe, *Bull. Misc. Inform.*

- Kew 1896: 44. Synonym(s): *Restrepia antioquiensis* Schltr., *Pleurothallis antioquiensis* (Schltr.) P. Allen. Department(s): Antioquia. Elevation: 2500 m. Type: *Messrs. Charlesworth & Co. s.n.* (K): Colombia. Voucher: *Luer 16664* (MO, Neotype). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 59: 124; Orq. Nat. Col. 4 fig. 558.
- Restrepia seketii** Luer & Escobar, *Orquideologia* 20: 175, 1996. Department(s): Magdalena. Elevation: Without data. Type: *C. Luer 16658A* (JAUM, Holotype; MO, Isotype): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 59: 128; Orq. Nat. Col. 6 fig. 1280.
- Restrepia tabeae** Mohr, *Leaf. Schltr. Instit.* 2: 10, 1996. Department(s): Norte de Santander. Elevation: 2150 m. Type: *Purchased Without data* (Herb. Schltr. Instit., Holotype; W, Isotype): Colombia. Voucher: *C. Luer et al. 7938* (SEL). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 59: 130.
- Restrepia trichoglossa** F. Lehm. ex Sander, *Orchid Guide* 215, 1901. Synonym(s): *Restrepia trichoglottis* hort. ex Gentil, *Restrepia leontoglossa* Schltr., *Restrepia serrilabia* Schltr., *Restrepia angustilabia* Schltr., *Restrepia subserrata* Schltr., *Restrepia filamentosa* Ames & C. Schweinf., *Pleurothallis filamentosa* (Ames & C. Schweinf.) L.O. Williams, *Restrepia subserrata* (Schltr.) L.O. Williams, *Restrepia antennifera* subsp. *leontoglossa* (Rchb.f.) Mohr, *Restrepia brachypus* subsp. *serrilabia* (Schltr.) Mohr, *Restrepia angustilabia* subsp. *subserrata* (Schltr.) Mohr. Department(s): Cauca. Elevation: 1800 m. Type: *F. C. Lehmann 1312* (K, Lectotype; AMES, W, Isolectotypes): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 59: 134; Orq. Nat. Col. 6 fig. 1277.
- Restrepia tsubotae** Luer & Escobar, *Orquideologia* 20: 178, 1996. Department(s): Antioquia. Elevation: 600 m. Type: *C. Luer 17976* (JAUM, Holotype; MO, Isotype): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 59: 140; Orq. Nat. Col. 6 fig. 1278.
- Restrepia clausa** Luer & Escobar, *Selbyana* 2: 202, 1978. Synonym(s): *Restrepiella clausa* (Luer & Escobar) Braas & Mohr, *Pleurothallopsis clausa* (Luer & R. Escobar) Pridgeon & M.W.Chase. Department(s): Antioquia. Elevation: Without data. Type: *C. Luer 2330* (JAUM, Holotype; SEL, Isotype): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 39: 94.
- Restrepia inaequalis** Luer & Escobar, *Monogr. Syst. Bot. Missouri Bot. Gard.* 39: 94, 1991. Synonym(s): *Pleurothallopsis inaequalis* (Luer & R. Escobar) Pridgeon & M.W.Chase. Department(s): Santander. Elevation: 2400 m. Type: *C. Luer 13211* (MO): Ecuador. Voucher: *C. Luer 14266* (MO). Notes: *Ibid.* p. 95.
- Restrepia insons** Luer & Escobar, *Selbyana* 7: 77, 1982. Synonym(s): *Pleurothallopsis insons* (Luer & R. Escobar) Pridgeon & M.W.Chase. Department(s): Norte de Santander. Elevation: 2000 m. Type: *C. Luer 7437* (SEL): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 39: 96.
- Restrepia lehmannii** Luer, *Monogr. Syst. Bot. Missouri Bot. Gard.* 39: 98, 1991. Synonym(s): *Pleurothallopsis lehmannii* (Luer) Pridgeon & M.W.Chase. Department(s): Valle del Cauca. Elevation: Without data. Type: *F. C. Lehmann s.n.* (K): Colombia. Notes: *Ibid.* p. 99.
- Restrepia microptera** (Schltr.) Luer, *Selbyana* 2: 200, 1978. Basionym: *Pleurothallis microptera* Schltr. Synonym(s): *Restrepiella microptera* (Schltr.) Garay & Dunsterv., *Restrepiella grandiflora* Garay, *Restrepiopsis grandiflora* (Garay) Luer, *Pleurothallopsis microptera* (Schltr.) Pridgeon & M.W.Chase. Department(s): Quindío. Elevation: 1930 m. Type: *F. C. Lehmann 6922* (Without data): Colombia. Voucher: *P. Viveros 801* (HUQ). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 39: 100; Orq. Nat. Col. 4 fig. 567.
- Restrepia niesseniae** Luer, *Monogr. Syst. Bot. Missouri Bot. Gard.* 79: 130, 2000. Department(s): Cauca. Elevation: Without data. Type: *A. Niessen & J. C. Uribe 114* (MO): Colombia. Notes: *Ibid.* p. 139.
- Restrepia norae** (Garay & Dunsterv.) Luer, *Selbyana* 2: 200, 1978. Basionym: *Restrepiella norae* Garay & Dunsterv. Synonym(s): *Restrepiopsis bicallosa* Luer & Escobar, *Restrepiella bicallosa* (Luer & Escobar) Braas & Mohr, *Pleurothallopsis norae* (Garay & Dunsterv.) Pridgeon & M.W.Chase, Department(s): Antioquia. Elevation: 1960 m. Type: *G. C. K. Dunsterville 1232* (AMES): Venezuela. Voucher: *C. Luer 13047* (MO). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 39: 106; Orq. Nat. Col. 4 fig. 566.
- Restrepia powersii** Luer, *Selbyana* 2: 204, 1978. Synonym(s): *Restrepiella powersii* (Luer) Braas & Mohr, *Pleurothallopsis powersii* (Luer) Pridgeon & M.W.Chase. Department(s): Antioquia. Elevation: 2050 m. Type: *M. E. Powers s.n.* (SEL): Colombia. Voucher: *C. Luer et al. 11372* (MO).

- Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 39: 110; Orq. Nat. Col. 4 fig. 564.
- Restrepiopsis striata** Luer & Escobar, Orquideologia 16: 43, 1983. Synonym(s): *Pleurothallopsis striata* (Luer & R. Escobar) Pridgeon & M.W.Chase. Department(s): Norte de Santander. Elevation: 2400 m. Type: *C. Luer et al. 7734* (SEL): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 39: 114; Orq. Nat. Col. 4 fig. 563.
- Restrepiopsis tubulosa** (Lindl.) Luer, Selbyana 2: 200, 1978. Basionym: *Pleurothallis tubulosa* Lindley. Synonym(s): *Pleurothallis viridula* Lindley, *Humboldtia tubulosa* (Lindley) Kuntze, *Humboldtia viridula* (Lindley) Kuntze, *Pleurothallis caliensis* Schltr., *Pleurothallis flavescens* Schltr., *Restrepiella tubulosa* (Lindley) Garay & Dunsterv., *Restrepiella viridula* (Lindley) Garay & Dunsterv., *Restrepiopsis viridula* (Lindley) Luer, *Pleurothallopsis tubulosa* (Lind.) Pridgeon & M.W.Chase. Department(s): Tolima. Elevation: 2250 m. Type: *Jameson s.n.* (K): Ecuador. Voucher: *E. P. Killip & T. E. Hanzen 9558* (AMES). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 39: 116; Orq. Nat. Col. 4 fig. 565.
- Scaphosepalum antenniferum** Rolfe, Gard. Chron. 1: 709, 1890. Synonym(s): *Scaphosepalum reversum* Kraenzl. Department(s): Antioquia. Elevation: 2150 m. Type: *Imported 1890 by Messrs. Charlesworth, Shuttleworth & Co. s.n.* (K, Holotype; W, Isotype): Colombia. Voucher: *C. Luer et al. 8861* (SEL). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 26: 36; Orq. Nat. Col. 4 fig. 578; 6 fig. 1292.
- Scaphosepalum bicolor** Luer & Escobar, Orquideologia 14: 186, 1981. Department(s): Chocó. Elevation: Without data. Type: *R. Escobar 1650* (JAUM, Holotype): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 39: 40; Orq. Nat. Col. 6 fig. 1294.
- Scaphosepalum bicristatum** Luer, Monogr. Syst. Bot. Missouri Bot. Gard. 88: 110, 2002. Department(s): Without data. Elevation: Without data. Type: *A. Hirtz 7629* (MO): Colombia. Notes: *Ibid.* p. 120.
- Scaphosepalum breve** (Rchb.f.) Rolfe, J. Bot. 28: 136, 1890. Basionym: *Masdevallia brevis* Rchb.f. Synonym(s): *Scaphosepalum trachypus* Schltr., *Scaphosepalum nutans* Kraenzl., *Scaphosepalum verrucosum* (Rchb.f.) Pfitzer, *Pleurothallis verrucosa* Rchb.f. Department(s): Antioquia. Elevation: Without data. Type: *Imported by Messrs J. Veitch & Sons 444* (K, Holotype; W, Isotype): Guyana. Voucher: G. Wallis 343 (W). Source: Monogr. Syst. Bot. Missouri Bot. Gard. 26: 42. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 26: 43.
- Scaphosepalum decorum** Luer & Escobar, Orquideologia 15: 149, 1982. Department(s): Cauca, Nariño. Elevation: 1800 m. Type: *C. Luer 3459* (SEL, Holotype; JAUM, Isotype): Colombia. Voucher: *C. Luer et al. 8176* (SEL). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 26: 52; Orq. Nat. Col. 4 fig. 582.
- Scaphosepalum gibberosum** (Rchb.f.) Rolfe, J. Bot. 28: 136, 1890. Basionym: *Masdevallia gibberosa* Rchb.f. Department(s): Antioquia. Elevation: 2440 m. Type: *G. Wallis 387* (W, Holotype; K, Isotype): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 26: 59; Orq. Nat. Col. 4 fig. 576.
- Scaphosepalum grande** Kraenzl., Notizbl. Bot. Gart. Berlin 8: 135, 1922. Synonym(s): *Scaphosepalum escobarianum* Garay. Department(s): Antioquia. Elevation: 1450 m. Type: *Kalbreyer 1846* (W, Lectotype designated by Luer 1988; Holotype presumably destroyed at B): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 26: 62; Orq. Nat. Col. 4 fig. 583.
- Scaphosepalum lima** (F. Lehm. & Kraenzl.) Schltr., Repert. Spec. Nov. Regni Veg. Beih. 7: 220, 1920. Basionym: *Masdevallia lima* F. Lehm. & Kraenzl. Department(s): Antioquia. Elevation: 2000 m. Type: *F. C. Lehmann 8238* (K, Holotype; G, Isotype): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 26: 66; Orq. Nat. Col. 4 fig. 577.
- Scaphosepalum macrodactylum** (Rchb.f.) Rolfe, J. Bot. 28: 136, 1890. Basionym: *Masdevallia macrodactyla* Rchb.f. Department(s): Without data. Elevation: Without data. Type: *Imported by Messrs. J. Veitch & Sons 202* (W): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 26: 68; Orq. Nat. Col. 6 fig. 1293; original collection data: New Grenada.
- Scaphosepalum microdactylum** Rolfe, Bull. Misc. Inform. Kew 335, 1893. Synonym(s): *Scaphosepalum pittieri* Schltr., *Scaphosepalum elasmotopus* Schltr., *Scaphosepalum longirepens* Ames, *Scaphosepalum standleyi* Ames. Department(s): Chocó. Elevation: 0 m. Type: Without data (K, cultivated). Voucher: *C. Luer 3461* (SEL). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 26: 70; Orq. Nat. Col. 4 fig. 585.
- Scaphosepalum odontochilum** Kraenzl., Bull. Misc. Inform. Kew 113, 1925. Synonym(s): *Scaphosepalum sneidernii* Garay. Department(s): Cauca. Elevation: 2400 m. Type: *F. C. Lehmann B.T. 172* (K, Holotype);

- AMES, Isotype): Colombia. Voucher: *F. C. Lehmann 3261* (K). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 26: 77; Orq. Nat. Col. 4 fig. 575.
- Scaphosepalum ophidion** Luer, *Phytologia* 49: 222, 1981. Department(s): Nariño. Elevation: 1600 m. Type: *A. Hirtz et al. 4381* (SEL): Ecuador. Voucher: *C. Luer et al. 4607* (SEL). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 26: 80.
- Scaphosepalum panduratum** Luer & Escobar, Monogr. Syst. Bot. Missouri Bot. Gard. 64: 134, 1997. Department(s): Antioquia. Elevation: 1400 m. Type: *R. Escobar 8226* (MO): Colombia. Notes: *Ibid.* p. 135; Orq. Nat. Col. 6 fig. 1289.
- Scaphosepalum pulvinare** (Rchb.f.) Rolfe, *J. Bot.* 28: 137, 1890. Basionym: *Masdevallia pulvinaris* Rchb.f. Synonym(s): *Scaphosepalum rolfeanum* Kraenzl. Department(s): Antioquia. Elevation: Without data. Type: *Joseph Calvert s.n.* (W, from specimen flowered in cultivation): Colombia. Voucher: *C. Luer 5194* (SEL). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 26: 84; Orq. Nat. Col. 4 fig. 579.
- Scaphosepalum swertiifolium** (Rchb.f.) Rolfe, *J. Bot.* 28: 137, 1890, subsp. **swertiifolium**. Basionym: *Masdevallia swertiifolia* Rchb.f. Synonym(s): *Scaphosepalum platypetalum* Schltr. Department(s): Nariño. Elevation: 1200 m. Type: *F.C. Lehmann 544* (W): Colombia. Source: Tropicos database, Monogr. Syst. Bot. Missouri Bot. Gard. 26: 88. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 26: 89; Orq. Nat. Col. 4 fig. 584; 6 Figs. 1290, 1291.
- Scaphosepalum swertiifolium** subsp. **exiguum** Luer & Escobar, Monogr. Syst. Bot. Missouri Bot. Gard. 26: 91, 1988. Department(s): Risaralda. Elevation: 1600 m. Type: *R. Escobar 2453* (SEL): Colombia. Notes: *Ibid.* Figs. 37, 38.
- Scaphosepalum tiaratum** Luer, *Phytologia* 49: 223, 1981. Department(s): Antioquia. Elevation: 1850 m. Type: *C. Luer 5255* (SEL): Colombia. Voucher: *F. C. Lehmann 7454* (K). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 26: 94; Orq. Nat. Col. 4 fig. 581.
- Scaphosepalum verrucosum** (Rchb.f.) Pfitz., *Nat. Pflanzenfam* 2(6): 139, 1888. Basionym: *Masdevallia verrucosa* Rchb.f. Synonym(s): *Pleurothallis verrucosa* (Rchb.f.) Rchb.f., *Masdevallia ochthodes* Rchb.f., *Scaphosepalum ochthodes* (Rchb.f.) Pfitz., *Humboldtia ochthodes* (Rchb.f.) Kuntze, *Humboldtia verrucosa* (Rchb.f.) Kuntze. Department(s): Santander. Elevation: 2500 m. Type: *Schlim 1439* (W, Holotype; G, P, Isotypes): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 26: 100.
- Stelis acuifera** Lindl., *Fol. Orch. Stel.* 12. 1859. Department(s): Without data. Elevation: Without data. Type: *Goudot s.n.* (Without data): Colombia. Notes: Bot. Mus. Leaf. 27:109; original collection data: New Granada.
- Stelis alba** Kunth, *Nov. Gen. et Sp. Pl.* 1: 363. 1816. Synonym(s): *Stelis pentodontata* Rchb.f. Department(s): Cauca. Elevation: 2560 m. Type: Without data: Colombia. Notes: Original elevation 1400 hexap; synonym from Kew Monocots List, not reconfirmed.
- Stelis angustifolia** Kunth, *Nov. Gen. et Sp. Pl.* 1: 362. 1816. Department(s): Cauca. Elevation: 1840 m. Type: Without data: Colombia. Source: Protologue. Notes: Bot. Mus. Leaf. 27: 236; original elevation 1004 hexap.
- Stelis antioquiensis** Schltr., *Feddes Repert. Beih.* 7: 83. 1920. Department(s): Antioquia. Elevation: Without data. Type: *F. C. Lehmann 3175* (Without data): Colombia. Source: Protologue.
- Stelis aprica** Lindl., *Comp. Bot. Mag.* 2: 353, 1836. Synonym(s): *Stelis catharinensis* Lindl., *Stelis crassifolia* Lindl., *Stelis miersii* Lindl., *Stelis microglossa* Rchb.f., *Stelis guttorosa* Rchb.f., *Stelis micrantha* Barb. Rodr., *Stelis rodriguesii* Cogn., *Stelis dominguiensis* Cogn., *Stelis herzogii* Schltr., *Stelis tippenhaueri* Urb., *Stelis desportesii* Urb., *Stelis cubensis* Schltr., *Stelis cuspidilabia* Schltr., *Stelis seleniglossa* Schltr. Department(s): Quindío. Elevation: 1760 m. Type: Without data: Brazil. Voucher: *P. Viveros 773* (HUQ). Source: Venezuelan Orchids 4: 288; Tropicos database, Govaerts et al. 6 April 2006. Notes: Venezuelan Orchids 4: 289; Synonyms from Kew list and revised by L. Endara.
- Stelis arevaloi** Schltr., *Feddes Repert. Beih.* 27: 25. 1924. Department(s): Nariño. Elevation: 2800 m. Type: *W. Hopp 145* (Without data): Colombia. Source: Protologue, Tropicos database, Govaerts et al. 5 April 2006.
- Stelis argentata** Lindl., *Bot. Reg.* 28: Misc. 64. 1842. Synonym(s): *Stelis heyliidiana* H. Focke, *Stelis endresii* Rchb.f., *Stelis littoralis* Barb. Rodr., *Stelis yauaperiensis* Barb. Rodr., *Stelis bernoullii* Schltr., *Stelis parvibracteata* Ames, *Stelis violascens* Schltr., *Stelis praesecta* Schltr., *Stelis glandulosa* Ames, *Stelis huebneri* Schltr., *Stelis pichincha* Dodson & Garay. Department(s): Quindío. Elevation: 1100 m. Type: *Schomburgk 427* (K, Lectotype): Guyana. Vouch-

- er: *P. Viveros 130* (HUQ). Notes: Venezuelan Orchids 1: 414; Orq. Nat. Col. 4 fig. 643; synonyms from Kew list and revised by L. Endara.
- Stelis asseris** Duque, Orquideologia 20(3): 329. 1997. Department(s): Antioquia. Elevation: 2300 m. Type: *O. Duque 1400* (JAUM): Colombia. Notes: Ibid. p. 344.
- Stelis atra** Lindl., Orch. Linden. 3. 1846. Department(s): Quindío. Elevation: 3400 m. Type: *Linden 687?* (Without data): Venezuela. Voucher: *C. Vélez 1600* (HUQ). Notes: Orchids Venezuela, ed. 2: 1006.
- Stelis atrovioleacea** Rchb.f., Bonplandia (Hanover). 3: 70. 1855. Department(s): Quindío. Elevation: 3550 m. Type: Without data: Colombia. Voucher: *E. Mendez 3041* (HUQ). Notes: Orchids Venezuela, ed. 2: 1007; Type from Norte de Santander (Aspasica), Without data.
- Stelis attenuata** Lindl., Fol. Orch. Stel. 2.n.7. 1859. Synonym(s): *Stelis lindleyana* Cogn. var. *carosior* C. Schweinf. Department(s): Without data. Elevation: Without data. Type: *Without data*: Colombia. Source: Schweinfurth, 1958, Fieldiana, Botany 30: 174; Tropicos database, Govaerts et al. 6 April 2006. Notes: Bot. Mus. Leaf. 27:210; synonym from Fieldiana, Botany 30: 174, not reconfirmed.
- Stelis aviceps** Lindl., Fol. Orch. Stel. 16. 1859. Synonym(s): *Stelis polycarpa* Schltr., *Stelis cryptochila* Garay, *Stelis decipiens* Schltr. Department(s): Quindío. Elevation: 2000 m. Type: *Jameson s.n.* (W?): Ecuador (not Perú). Voucher: *P. Viveros 396* (HUQ). Notes: Bot. Mus. Leaf. 27:247.
- Stelis barbuda** Duque, Orquideologia 20: 330. 1997. Department(s): Antioquia. Elevation: 2300 m. Type: *O. Duque 1896* (JAUM): Colombia. Notes: Ibid. p. 334.
- Stelis bella** Duque, Orquideologia 20: 331. 1997. Department(s): Risaralda. Elevation: 2000 m. Type: *O. Duque 1592* (JAUM): Colombia. Notes: Ibid. p. 334.
- Stelis bigibba** Schltr., Feddes Repert. Beih. 7: 84. 1920. Department(s): Valle del Cauca. Elevation: 1800 m. Type: *F. C. Lehmann 6834* (NY, Isotype): Colombia. Notes: NYBG Virtual Herbarium: <http://207.156.243.8/emuwebnybg/pages/common/imagedisplay.php?irn=17002>
- Stelis bogotensis** Schltr., Feddes Repert. Beih. 27: 152. 1924. Department(s): Cundinamarca. Elevation: 2250 m. Type: *H. Hopf s.n.* (Without data): Colombia.
- Stelis braccata** Rchb.f. & Warsc., Bonplandia (Hanover) 2: 114. 1854. Synonym(s): *Apastostelis braccata* (Rchb.f. & Warsc.) Garay. Department(s): Without data. Elevation: Without data. Type: *Without data*: Colombia. Notes: Bot. Mus. Leaf. 27: 250.
- Stelis bractescens** Garay, Bot. Mus. Leaf. 27: 185. 1979. Basionym: *Stelis bracteata* Schltr. Department(s): Antioquia. Elevation: 1600 m. Type: *W. Hopp 58* (Without data): Colombia. Voucher: *O. Duque 1604* (JAUM, MO).
- Stelis brevilabris** Lindl., Ann. and Mag. Nat. Hist. Ser.1, 5: 107. 1845. Synonym(s): *Stelis serpens* Luer & Hirtz. Department(s): Cauca. Elevation: Without data. Type: *Hartweg s.n.* (K): Colombia. Source: <http://www.ipni.org>; Tropicos database, Govaerts et al. 9 May 2006. Notes: Bot. Mus. Leaf. 27: 240; synonym from Monogr. Syst. Bot. Missouri Bot. Gard. 95: 115.
- Stelis calceolaris** Garay, Bot. Mus. Leaf. 27: 185. 1979. Department(s): Cundinamarca. Elevation: Without data. Type: *Karsten s.n.* (LE): Colombia. Notes: Ibid. p. 234.
- Stelis clipeus** Duque, Orquideologia 20: 333. 1997. Department(s): Valle del Cauca. Elevation: 2000 m. Type: *O. Duque 595* (JAUM): Colombia. Notes: Ibid. p. 344.
- Stelis cochlearis** Garay, Canad. J. Bot. 34: 352. 1956. Department(s): Antioquia. Elevation: 2700 m. Type: *W. Johnson et al. 18C804* (US, Holotype; MEDEL, Isotype): Colombia. Source: Tropicos database. Notes: Ibid. p. 356.
- Stelis colombiana** Ames, Sched. Orch. 1: 4. 1922. Department(s): Cauca. Elevation: 2750 m. Type: *H. Pittier 1093* (AMES): Colombia. Notes: Bot. Mus. Leaf. 27: 231.
- Stelis comica** Duque, Orquideologia 20: 338. 1997. Department(s): Antioquia. Elevation: 2100 m. Type: *O. Duque 1232* (JAUM): Colombia. Notes: Ibid. pp. 335, 345.
- Stelis crassilabia** Schltr., Feddes Repert. Beih. 7: 87. 1920. Synonym(s): *Stelis simula* Schltr. Department(s): Cauca. Elevation: 1800 m. Type: *F. C. Lehmann 2102* (Without data): Colombia. Source: Protologue. Notes: Orchids Venezuela, ed. 2: 1014.
- Stelis cuculligera** Schltr., Feddes Repert. Beih. 27: 27. 1924. Department(s): Nariño. Elevation: 3500 m. Type: *H. Hopp 169* (Without data): Colombia.
- Stelis cundinamarcae** Schltr., Feddes Repert. Beih. 27: 153. 1924. Department(s): Cundinamarca. Elevation: 2250 m. Type: *R. Schnitter s.n.* (Without data): Colombia. Source: Protologue.
- Stelis cycloglossa** Schltr., Feddes Repert. Beih. 27: 154. 1924. Department(s): Cundinamarca. Elevation: 2250 m. Type: *H. Hopf s.n.* (Without data): Colombia.

- Stelis dentata** Duque, Orquideologia 20: 339. 1997. Department(s): Antioquia. Elevation: 1800 m. Type: *O. Duque 1280* (JAUM); Colombia. Notes: Ibid. 335, 345.
- Stelis dialissa** (Lindl.) Rchb.f., Bonplandia (Hanover) 3: 71. 1855. Basionym: *Dialissa pulchella* Lindl. Synonym(s): *Pleurothallis pristis* F. Lehm. & Kraenzl. Department(s): Cauca. Elevation: 3400 m. Type: *Without data*: Colombia. Voucher: *H. G. Barclay 5919* (MO). Source: Tropicos database, Govaerts et al. 11 April 2006. Notes: Bot. Mus. Leaf. 27: 206.
- Stelis dolichopus** Schltr., Orchis 6: 63. 1912. Department(s): Without data. Elevation: Without data. Type: *Without data*: Colombia. Source: Protologue.
- Stelis elongata** Kunth, Nov. Gen. et Sp. Pl. 1: 363. 1815. Synonym(s): *Stelis lobata* Rchb.f., *Stelis melicoides* Schltr. Department(s): Cauca. Elevation: 880 m. Type: *Without data*: Colombia. Notes: Bot. Mus. Leaf. 27: 240; original elevation 480 hexap.; synonyms from Kew Monocots List, not reconfirmed.
- Stelis erecta** Duque, Orquideologia 20: 341. 1997. Department(s): Antioquia. Elevation: 2200 m. Type: *O. Duque 1677* (JAUM); Colombia. Notes: Ibid. pp. 336, 345.
- Stelis eublepharis** Rchb.f., Bonplandia (Hanover) 3: 240. 1855. Synonym(s): *Stelis bruckmuelleri* Rchb.f. Department(s): Antioquia. Elevation: 2100 m. Type: *Jameson s.n.* (Without data): Ecuador. Voucher: *O. Duque 1712* (MO, JAUM). Source: Tropicos database, Govaerts et al. 11 April 2006. Notes: Orchids Venezuela, ed. 2: 1017; Orq. Nat. Col. 4. fig.642.
- Stelis eugenii** Schltr., Feddes Repert. Beih. 7: 87. 1920. Department(s): Cauca. Elevation: 700 m. Type: *E. Langlasse 104* (Holotype destroyed at B; US, Lectotype): Colombia. Source: Christenson *in*: Lindleyana 11: 24. Notes: Bot. Mus. Leaf. 27: 249.
- Stelis fendleri** Lindl., Fol. Orch. Stel. 3: 1859. Department(s): Antioquia. Elevation: 2690 m. Type: *T. Fendler 1470* (MO): Venezuela. Voucher: *O. Duque 1720* (JAUM, MO). Notes: Orchids Venezuela, ed. 2:1018.
- Stelis fissa** Lindl., Fol.Orchida. Stelis 5, no. 28. 1858. Department(s): Quindío. Elevation: 1900 m. Type: *Jameson s.n.* (W?): Ecuador. Voucher: *P. Viveros 778* (HUQ). Source: Tropicos database. Notes: Ecuador not Peru (Quito).
- Stelis flacca** Rchb.f, Bonplandia 3: 240. 1855. Synonym(s): *Stelis alismifolia* Lindl. Department(s): Quindío. Elevation: 2800 m. Type: *Jameson s.n.* (W?): Ecuador. Voucher: *F. Gonzalez 2157* (HUQ). Source: Tropicos database. Notes: synonym from Kew Monocots checklist, not reconfirmed.
- Stelis flexuosa** Lindl., Ann. and Mag. Nat. Hist. 12: 397. 1843. Synonym(s): *Stelis tolimensis* Schltr. Department(s): Antioquia. Elevation: 1800 m. Type: *Mathews 1910* (Without data): Perú. Voucher: *R. Escobar 5145* (MO, JAUM). Source: Protologue, Tropicos database, Govaerts 12 April 2006. Notes: Orchids Venezuela, ed. 2: 1019; synonym from Venezuelan Orchids 4: 300 and Vasquez & Ibsch (2000).
- Stelis foetida** Duque, Orquideologia 20: 342. 1997. Department(s): Antioquia. Elevation: 2300 m. Type: *O. Duque 1760* (JAUM); Colombia. Notes: Ibid. pp. 336, 345.
- Stelis franciscana** Duque, Orquideologia 20: 343. 1997. Department(s): Antioquia. Elevation: 2200 m. Type: *O. Duque 1890* (JAUM); Colombia. Notes: Ibid. pp. 336, 350.
- Stelis frontinensis** Duque, Orquideologia 20 (3): 347. 1997. Department(s): Antioquia. Elevation: 2200 m. Type: *O. Duque 1891* (JAUM); Colombia. Notes: Ibid. pp. 337, 350.
- Stelis furfuracea** F. Lehm. & Kraenzl., Bot. Jahrb. Syst. 26: 447. 1899. Synonym(s): *Stelis pleurothalloides* Ames. Department(s): Cauca. Elevation: 2900 m. Type: *Without data*: Colombia. Notes: Bot. Mus. Leaf. 27:243.
- Stelis gemma** Garay, Orquideologia 4: 77. 1969. Department(s): Antioquia. Elevation: Without data. Type: *G. Escobar 338* (AMES); Colombia. Notes: Ibid. p. 82.
- Stelis genychila** Garay, Canad. J. Bot. 34: 354. 1956. Department(s): Cauca. Elevation: 2300 m. Type: *K. v. Sneidern 1095* (State Mus. of National History Stockholm): Colombia. Notes: Bot. Mus. Leaf. 27:225.
- Stelis gustavi** Duque, Orquideologia 20 (3): 348. 1997. Department(s): Antioquia. Elevation: 2500 m. Type: *O. Duque 1835* (JAUM); Colombia. Notes: Ibid. pp. 337, 350.
- Stelis hennisiana** Schltr., Orchis 6: 64. 1912. Department(s): Without data. Elevation: Without data. Type: *W. Hennis s.n.* (Without data): Colombia. Source: Protologue; Tropicos database, Govaerts et al. 9 May 2006. Notes: Imported and cultivated.
- Stelis hirsuta** (Garay) Garay, Bot. Mus. Leaf. 27: 184. 1979. Basionym: *Stelis jamesonii* var. *parviflora* Garay. Department(s): Cundinamarca. Elevation: 2200 m. Type: *M. L. Grant et al. 9362* (US, Isotype): Colombia. Source: Protologue; Tropicos database.

- Stelis hoppelii** Schltr., Feddes Repert. Beih. 27: 29. 1924. Department(s): Nariño. Elevation: 2800 m. Type: *W. Hopp 123* (Without data): Colombia.
- Stelis hylophila** Rchb.f., Bonplandia (Hanover). 3: 241. 1855. Synonym(s): *Apatostelis hylophila* (Rchb.f.) Garay, *Stelis recurvula* Schltr. Department(s): Antioquia. Elevation: 2300 m. Type: *Jameson 687* (Without data): Perú. Voucher: *O. Duque 1715* (MO, JAUM). Source: Protologue, Tropicos database, Govaerts et al. 12 April 2006. Notes: Orchids Venezuela, ed. 2: 1024; synonyms from Kew Monocots List, not reconfirmed.
- Stelis hymenantha** Schltr., Repertorium Specierum Novarum Regni Vegetabilis 10: 291. 1912. Department(s): Quindío. Elevation: 1930 m. Type: *H. von Türckheim II 1968* (B, destroyed): Guatemala. Voucher: *P. Viveros et al. 805* (HUQ)
- Stelis inclinata** Duque, Orquideologia 20: 349. 1997. Department(s): Antioquia. Elevation: 2000 m. Type: *O. Duque 1914* (JAUM): Colombia. Notes: Ibid. pp. 337, 350.
- Stelis lanceolata** (Ruiz & Pav.) Willd., Sp. Pl. 4: 139. 1806. Basionym: *Humboldtia lanceolata* Ruiz & Pav. Synonym(s): *Pleurothallis lanceolata* (Ruiz & Pav.) Lindl., *Stelis macrocarpa* Kunth, *Rhynchospora pedunculata* Klotzsch, *Stelis sesquipetalis* Lindl., *Pleurothallis pedunculata* (Klotzsch) Rchb.f., *Humboldtia pedunculata* (Klotzsch) Kuntze, *Stelis rhynchantera* F. Lehm. & Kraenzl. Department(s): Cundinamarca. Elevation: 2950 m. Type: *Without data*. Voucher: *M. Hernandez 694* (COL). Notes: Orchids Venezuela, ed. 2: 1026; synonyms from Kew Monocots List, not reconfirmed.
- Stelis langlassei** Schltr., Feddes Repert. Beih. 7: 89. 1920. Department(s): Cauca. Elevation: 1200 m. Type: *E. Langlassei 101* (MO): Colombia. Notes: Orquideologia 9:138.
- Stelis londonnii** Duque, Orquideologia 20(3): 352. 1997. Department(s): Antioquia. Elevation: 1000 m. Type: *O. Duque 1424* (JAUM): Colombia. Notes: Ibid. pp. 355, 363.
- Stelis longipetala** Duque, Orquideologia 20: 353. 1997. Department(s): Antioquia. Elevation: 2500 m. Type: *O. Duque 1903* (JAUM): Colombia. Notes: Ibid. pp. 355, 363.
- Stelis longiracemosa** Schltr., Feddes Repert. Beih. 27: 30. 1924. Department(s): Nariño. Elevation: 2200 m. Type: *W. Hopp 118* (Without data): Colombia. Source: Protologue.
- Stelis lumbricosa** Duque, Orquideologia 20: 354. 1997. Department(s): Santander. Elevation: Without data. Type: *O. Duque 585* (JAUM): Colombia. Notes: Ibid. pp. 355, 363.
- Stelis macropoda** Schltr., Feddes Repert. Beih. 7: 90. 1920. Department(s): Cauca. Elevation: 1700 m. Type: *F. C. Lehmann 4519* (Without data): Colombia.
- Stelis maderoii** Schltr., Feddes Repert. Beih. 7: 90. 1920. Department(s): Cauca. Elevation: Without data. Type: *M. Madero s.n.* (Without data): Colombia. Notes: Orchids Venezuela, ed. 2: 1030.
- Stelis magnipetala** Schltr., Feddes Repert. Beih. 27: 31. 1924. Department(s): Nariño?. Elevation: 3000 m. Type: *W. Hopp 47* (Without data): Colombia. Notes: Type probably Nariño or Putumayo, original collection data: between Pasto and Mocoa.
- Stelis megaloglossa** Luer, Phytologia 49: 231. 1981. Department(s): Nariño. Elevation: 1800 m. Type: *C. Luer et al. 4528* (SEL): Colombia.
- Stelis melanoxantha** Rchb.f., Bonplandia (Hanover) 3: 71. 1855. Synonym(s): *Stelis cauae* Schltr. Department(s): Santander. Elevation: Without data. Type: *Wagner s.n.* (Without data): Colombia. Notes: original collection data: Aspasica; synonym from Luer & Endara (2006, pers. comm.)
- Stelis mesohybos** Schltr., Feddes Repert. Beih. 27: 155. 1924. Department(s): Cundinamarca. Elevation: 2250 m. Type: *H. Hopf s.n.* (Without data): Colombia. Source: Protologue.
- Stelis minimiflora** Schltr., Feddes Repert. Beih. 27: 31. 1924. Synonym(s): *Apatostelis minimiflora* (Schltr.) Garay. Department(s): Nariño. Elevation: 3500 m. Type: *W. Hopp 171* (Without data): Colombia. Notes: Orchids Venezuela, ed. 2: 1033.
- Stelis mocoana** Schltr., Feddes Repert. Beih. 27: 33. 1924. Department(s): Caqueta. Elevation: 650 m. Type: *W. Hopp 159* (Without data): Colombia.
- Stelis mucronipetala** Schltr., Repert. Spec. Nov. Regni Veg. Beih. 27: 34. 1924. Department(s): Nariño. Elevation: 2800 m. Type: *W. Hopp 135* (Without data): Colombia.
- Stelis navicularis** Garay, Can. J. Bot. 34: 353. 1956. Department(s): Caldas. Elevation: 2835 m. Type: *H. St. John 20.875* (H.St. John Herbarium, Holotype; US, Isotype): Colombia. Notes: Ibid. p. 356.
- Stelis nutans** Lindl., Folia Orchid. Stelis 15, no. 109. 1858. Department(s): Quindío. Elevation: 1500 m. Type: *Jameson s.n.* (Without data): Ecuador. Voucher: *L. Rivas et al. 35* (HUQ). Source: Tropicos database.
- Stelis oblonga** (Ruiz & Pav.) Willd., Sp. Pl. 4:

139. 1805. Basionym: *Humboldtia oblonga* Ruiz & Pav. Synonym(s): *Humboldtia oblonga* Ruiz & Pav., *Stelis floribunda* Kunth, *Stelis euspatha* Rchb.f., *Stelis apiculata* Schltr. (nom. illeg.), *Stelis insignis* Ames. Department(s): Antioquia. Elevation: 2000 m. Type: Ruiz & Pavon 4/57 (MA): Peru. Voucher: O. Duque 1728 (JAUM). Source: Protologue, Tropicos database, Govaerts et al. 14 April 2006. Notes: Orchids Venezuela, ed. 2: 1038; synonyms from Kew Monocots List, not reconfirmed.
- Stelis oligoblephara** Schltr., Feddes Repert. Beih. 27: 34. 1924. Department(s): Caqueta. Elevation: 530 m. Type: W. Hopp 133 (Without data): Colombia.
- Stelis oxysepala** Schltr., Feddes Repert. Beih. 27: 156. 1924. Department(s): Cundinamarca. Elevation: 2250 m. Type: R. Schnitter s.n. (Without data): Colombia.
- Stelis pachystachya** Lindl., Fol. Orch. Stel. 13. 1859. Department(s): Santander. Elevation: Without data. Type: Without data: Colombia. Notes: Bot. Mus. Leaflet. 27:231.
- Stelis papilio** Duque, Orquideologia 20(3): 358. 1997. Department(s): Risaralda. Elevation: 2100 m. Type: O. Duque 419 (JAUM): Colombia. Notes: Ibid. pp. 356, 363.
- Stelis papiliopsis** Duque, Orquideologia 20: 361. 1997. Department(s): Antioquia. Elevation: 1800 m. Type: O. Duque 1366 (JAUM): Colombia. Notes: Ibid. pp. 356, 367.
- Stelis parvilabris** Lindl., Ann. and Mag. Nat. Hist. 15: 385. 1845. Department(s): Cauca. Elevation: Without data. Type: Hartweg s.n. (Without data): Colombia. Source: Protologue, Tropicos database. Notes: Orchids Venezuela, ed. 2: 1039.
- Stelis pastoensis** Schltr., Repert. Spec. Nov. Regni Veg. Beih. 27: 35. 1924. Department(s): Nariño. Elevation: 2800 m. Type: W. Hopp 150 (Without data): Colombia. Source: Protologue.
- Stelis petiolaris** Schltr., Feddes Repert. Beih. 27: 36. 1924. Department(s): Nariño. Elevation: 3300 m. Type: W. Hopp 48 (Without data): Colombia. Source: Protologue. Notes: Type probably Nariño or Putumayo, original collection data: between Pasto and Mochoa.
- Stelis platystachya** Garay & Dunsterv., Venez. Orch. III. 6: 424. Department(s): Norte de Santander. Elevation: Without data. Type: M. B. Foster 1774 (AMES, COL): Colombia. Notes: Orchids Venezuela, ed. 2: 1040.
- Stelis pleistantha** Schltr., Feddes Repert. Beih. 27: 36. 1924. Synonym(s): *Apastostelis pleistantha* Schltr. Department(s): Nariño. Elevation: 2800 m. Type: W. Hopp 139 (Without data): Colombia. Source: Protologue, Tropicos database, Govaerts et al. 18 April 2006.
- Stelis popayanensis** F. Lehm. & Kraenzl., Bot. Jahrb. Syst. 26: 448. 1899. Department(s): Cauca. Elevation: 2500 m. Type: Lehmann 6817 (Without data): Colombia. Notes: Bot. Mus. Leaflet. 27:208.
- Stelis purdiei** Lindl., Fol. Orch. Stel. 5: 1859. Department(s): Without data. Elevation: Without data. Type: Purdie s.n. (Without data): Colombia. Notes: Orchids Venezuela, ed. 2: 1042.
- Stelis purpurea** (Ruiz & Pav.) Willd., Sp. Pl. 4: 140. 1805. Basionym: *Humboldtia purpurea* Ruiz & Pav. Synonym(s): *Pleurothallis purpurea* (Ruiz & Pav.) Schltr., *Stelis truncata* Lindl., *Stelis acutissima* Lindl., *Stelis endocharis* Rchb.f., *Stelis pachyphylla* Schltr., *Stelis pachystele* Schltr., *Stelis huancabambae* Kraenzl., *Stelis fruticulus* Schltr., *Stelis cordibractea* Schltr., *Stelis phaeantha* Schltr., *Stelis connata* C.Presl., *Stelis cupuligera* Rchb.f., *Stelis densiflora* Lindl., *Stelis hemicardia* Rchb.f., *Stelis rusbyi* Rolfe. Department(s): Antioquia. Elevation: 2850 m. Type: Without data: Peru. Voucher: F. Giraldo et al. 1719 (HUA, JAUM). Source: Tropicos database. Notes: Icon. Pl. Trop. 4: plate 331.
- Stelis pusilla** Kunth, Nov. Gen. et Sp. Pl. 1: 361. 1816. Synonym(s): *Stelis microphylla* Lindl., *Stelis myriantha* Lindl., *Stelis polyclada* Lindl., *Stelis herbiola* Lindl., *Stelis apiculata* Lindl., *Stelis calotheca* Schltr., *Stelis callicentrum* Schltr., *Stelis graminea* Lindl., *Stelis scandens* Schltr., *Stelis minuta* C.Schweinf., *Stelis tenuis* Schltr., *Stelis citrina* Schltr., *Stelis lloensis* Schltr., *Stelis elegantula* Schltr. Department(s): Quindío. Elevation: 2900 m. Type: Without data: Ecuador. Voucher: J. Lopez 91(HUQ). Source: Protologue, Tropicos database, Govaerts et al. 20 April 2006. Notes: Orchids Venezuela, ed. 2: 1042; synonyms from Kew Monocots list and confirmed by Endara (2006, pers. comm.)
- Stelis pyramidalis** Duque, Orquideologia 20(3): 364. 1997. Department(s): Antioquia. Elevation: 2300 m. Type: O. Duque 666 (JAUM): Colombia. Notes: Ibid. pp. 356, 367.
- Stelis retroversa** Duque, Orquideologia 20(3): 365. 1997. Department(s): Antioquia. Elevation: 2100 m. Type: O. Duque 1308 (JAUM): Colombia. Notes: Ibid. pp. 359, 368.
- Stelis rhomboidea** Garay, Can. J. Bot. 34: 353.

1956. Department(s): Cundinamarca. Elevation: 2840 m. Type: *J. Cuatrecasas 9465* (US); Colombia. Notes: Ibid. p. 356.
- Stelis ringens** Schltr., Feddes Repert. Beih. 27: 37. 1924. Department(s): Nariño. Elevation: 3000 m. Type: *W. Hopp 49* (Without data): Colombia. Notes: Type probably Nariño or Putumayo, original collection data: between Pasto and Mocoa.
- Stelis robustior** Garay, Bot. Mus. Leaf. 27: 185. 1979. Basionym: *Stelis robustia* Schltr. Department(s): Nariño. Elevation: 3300 m. Type: *W. Hopp 56* (Without data): Colombia. Notes: in the protologue the original collection data are: Costa Rica, between Pasto and Mocoa.
- Stelis sanguinea** Garay, Canad. J. Bot. 34: 354. 1956. Department(s): Caldas. Elevation: 3135 m. Type: *H. St. John 20878* (US); Colombia. Notes: Bot. Mus. Leaf. 27: 248.
- Stelis santiagoënsis** Mansf., Notizbl. Bot. Gart. Berlin. Department(s): Antioquia. Elevation: 700 m. Type: *Tessman 4363* (Without data): Perú. Voucher: *O. Duque 1148* (JAUM). Source: Protologue, Tropicos database. Notes: Fl. Venez. 2: 152.
- Stelis scansor** Rchb.f., Bonplandia (Hanover) 3: 241. 1855. Synonym(s): *Stelis trianae* Schltr., *Stelis prorepens* Schltr., *Stelis vagans* Ames, *Stelis scandens* Schltr. Department(s): Nariño. Elevation: Without data. Type: *Jameson 448* (G, BOIS); Colombia. Notes: Feddes Repert. Spec. Nov. Regni Veg. Beih. 57: 32; synonyms from Kew Monocots List, not reconfirmed.
- Stelis scaphoides** Duque, Orquideologia 20: 369. 1997. Department(s): Antioquia. Elevation: 1800 m. Type: *O. Duque 1814* (JAUM); Colombia. Notes: Ibid. pp. 359, 367.
- Stelis schlechterana** Garay, Bot. Mus. Leaf. 27: 184. 1979. Basionym: *Stelis mirabilis* Schltr. Department(s): Nariño. Elevation: 2900 m. Type: *W. Hopp 140* (Without data): Colombia.
- Stelis schmidtchenii** Schltr., Feddes Repert. Beih. 27: 157. 1924. Department(s): Antioquia. Elevation: Without data. Type: *G. Schmidtchen s.n.* (Without data): Colombia. Notes: Orchids Venezuela, ed. 2: 1047.
- Stelis schnitteri** Schltr., Notizbl. Bot. Gart. Berlin 7: 528. 1921. Department(s): Cundinamarca. Elevation: 1550 m. Type: *R. Schnitter s.n.* (Without data): Colombia.
- Stelis schomburgkii** Fawc. & Rendle, Journal of Botany, British and Foreign 48: 108. 1910. Department(s): Quindío. Elevation: 2300 m. Type: *Schomburgk 1025* (Without data): Guyana. Voucher: *P. Viveros et al. 147*(HUQ).
- Stelis scutella** Duque, Orquideologia 20: 370. 1997. Department(s): Without data. Elevation: Without data. Type: *O. Duque 1631* (JAUM); Colombia. Notes: Ibid. pp. 359, 367.
- Stelis silverstonei** Luer, Orquideologia 22: 62. 2002. Department(s): Chocó. Elevation: 1950 m. Type: *P. Silverstone-Sopkin et al. 4147* (CUVC); Colombia. Source: Protologue. Notes: Ibid. p. 63.
- Stelis spathulata** Poepp. & Endl., Nov. Gen. Sp. Pl. 1: 46. 1836. Department(s): Quindío. Elevation: 1720 m. Type: *Poeppig s.n.* (Without data): Without data. Voucher: *P. Viveros 785* (HUQ). Source: Protologue, Tropicos database, Govaerts et al. 21 April 2006. Notes: Orchids Venezuela ed. 2: 1049.
- Stelis stapedia** Duque, Orquideologia 20(3): 372. 1997. Department(s): Antioquia. Elevation: 1800 m. Type: *O. Duque 1376* (JAUM); Colombia. Notes: Ibid. pp. 360, 368.
- Stelis stella** Duque, Orquideologia 20(3): 373. 1997. Department(s): Valle del Cauca. Elevation: Without data. Type: *O. Duque 1143* (JAUM); Colombia. Notes: Ibid. pp. 360, 368.
- Stelis striolata** Lindl., Fol. Orch. Stel. 4: 1858. Synonym(s): *Stelis macropoda* Schltr., *Stelis exilipes* Schltr., *Stelis gracilispica* C.Schweinf. Department(s): Quindío. Elevation: 1499 m. Type: *Jameson s.n.* (K?): Ecuador (not Perú). Voucher: *L. Rivas 26* (HUQ). Notes: Orchids Venezuela, ed. 2: 1051; synonyms from Kew Monocots list, not reconfirmed.
- Stelis taurina** Duque, Orquideologia 20(3): 374. 1997. Department(s): Antioquia. Elevation: 800 m. Type: *O. Duque 161* (JAUM); Colombia. Notes: Ibid. pp. 360, 368.
- Stelis tenuipetala** Garay, Can. J. Bot. 34: 354. 1956. Department(s): Cauca. Elevation: 2700 m. Type: *K. v. Sneidern 1097* (State Museum of Nat. His., Stockholm); Colombia. Notes: Ibid. p. 357.
- Stelis tonsoria** Luer, Phytologia 49: 239. 1981. Department(s): Nariño. Elevation: 1600 m. Type: *C. Luer et al. 4579* (SEL); Colombia.
- Stelis tridentata** Lindl., Fol. Orch. Stel. 6: 1858. Synonym(s): *Stelis leptophylla* Schltr., *Stelis eliliptica* Ames & C.Schweinf. Department(s): Antioquia. Elevation: Without data. Type: *Jameson s.n.* (K?): Perú. Voucher: *O. Duque 1489* (JAUM). Source: Tropicos database, Govaerts et al. 26 April 2006. Notes: Orchids Venezuela, ed. 2:

- 1052; synonyms from Kew Monocots checklist, not reconfirmed.
- Stelis umbelliformis** Hespenheide & Dressler ssp. *brevipedunculata* Carnevali & I. Ramírez, *Novon* 3: 121. 1993. Department(s): Nariño. Elevation: 240 m. Type: *Benavides 4284* (PSO, Holotype; MO, Isotype): Colombia. Notes: *Orq. Nat. Col.* 6 fig. 1379.
- Stelis velutina** Lindl., *Fol. Orch. Stel.* 17. 1858. Synonym(s): *Stelis hians* Schltr. Department(s): Antioquia. Elevation: 2000 m. Type: *Jameson s.n.* (K?) (Ecuador. Voucher: *O. Duque 1277* (JAUM)). Source: Protologue, Tropicos database, Govaerts et al. 26 April 2006. Notes: *Bot. Mus. Leaflet* 27: 206; synonym from Kew Monocots checklist, not reconfirmed.
- Stelis verecunda** Schltr., *Feddes Repert. Beih.* 27: 158. 1924. Department(s): Cundinamarca. Elevation: 2250 m. Type: *R. Schnitter s.n.* (Without data): Colombia.
- Stelis violacea** Garay, *Can. J. Bot.* 34: 355. 1956. Department(s): Cauca. Elevation: 2400 m. Type: *K. v. Sneidern 1096* (State Museum of Nat. His., Stockholm): Colombia. Notes: *Ibid.* p. 357; *Orchids Venezuela*, ed. 2: 1055.
- Stelis virgulata** Schltr., *Feddes Repert. Beih.* 27: 40. 1924. Department(s): Nariño. Elevation: 3000 m. Type: *W. Hopp 44* (Without data): Colombia. Notes: Type probably Nariño or Putumayo, original collection data: between Pasto and Mocoa.
- Stelis vulcani** Rchb.f., *Otia Bot. Hamburg.* 1: 19. 1878. Department(s): Quindío. Elevation: 1840 m. Type: *F.C. Lehmann s.n.* (Without data): Ecuador. Voucher: *P. Viveros 793* (HUQ). Notes: *Orchids Venezuela*, ed. 2: 1056.
- Stelis walteri** Schltr., *Feddes Repert. Beih.* 27: 41. 1924. Department(s): Nariño. Elevation: 2900 m. Type: *W. Hopp 170* (Without data): Colombia. Source: Protologue, Tropicos database, Govaerts et al. 26 April 2006.
- Stelis wernerii** Schltr., *Feddes Repert. Beih.* 27: 42. 1924. Department(s): Caqueta. Elevation: 530 m. Type: *W. Hopp 158* (Without data): Colombia. Source: Protologue, Tropicos database, Govaerts et al. 26 April 2006.
- Teagueia lehmannii** Luer, *Monogr. Syst. Bot. Missouri Bot. Gard.* 39: 142, 1991. Department(s): Cauca. Elevation: Without data. Type: *F. C. Lehmann s.n.* (K, Holotype, H.K. 136): Colombia. Notes: *Ibid.* p. 143.
- Teagueia phasmida** (Luer & Escobar) Luer, *Monogr. Syst. Bot. Missouri Bot. Gard.* 39: 139. 1991. Basionym: *Platystele phasmida* Luer & Escobar. Department(s): Antioquia. Elevation: 2430 m. Type: *R. Escobar et al. 3404* (JAUM, Holotype; MO, Isotype): Colombia. Notes: *Monogr. Syst. Bot. Missouri Bot. Gard.* 38: 92,93; *Orq. Nat. Col.* 3 fig. 484.
- Teagueia rex** (Luer & Escobar) Luer, *Monogr. Syst. Bot. Missouri Bot. Gard.* 39: 139. 1991. Basionym: *Platystele rex* Luer & Escobar. Department(s): Putumayo. Elevation: 2200 m. Type: *C. Luer et al. 3133* (SEL, Holotype; JAUM, Isotype): Colombia. Notes: *Monogr. Syst. Bot. Missouri Bot. Gard.* 38: 108,109; *Orq. Nat. Col.* 4 fig. 481.
- Trichosalpinx aestroychila** Luer, *Monogr. Syst. Bot. Missouri Bot. Gard.* 88: 112, 2002. Department(s): Antioquia. Elevation: Without data. Type: *C. Luer 16908* (MO): Colombia. Notes: *Ibid.* p. 121.
- Trichosalpinx acremona** (Luer) Luer, *Phytologia* 54: 394, 1983. Basionym: *Pleurothallis acremona* Luer. Department(s): Antioquia. Elevation: 1700 m. Type: *C. Luer 596* (SEL): Ecuador. Voucher: *C. Luer 14111* (MO). Notes: *Monogr. Syst. Bot. Missouri Bot. Gard.* 64: 42.
- Trichosalpinx alabastra** (Luer & Escobar) Luer, *Phytologia* 54: 394, 1983. Basionym: *Pleurothallis alabastra* Luer & Escobar. Department(s): Santander. Elevation: 2600 m. Type: *C. Luer et al. 7614* (SEL): Colombia. Notes: *Monogr. Syst. Bot. Missouri Bot. Gard.* 64: 42, 88.
- Trichosalpinx amygdalodora** (Kraenzl.) Luer, *Monogr. Syst. Bot. Missouri Bot. Gard.* 64: 43, 1997. Basionym: *Pleurothallis amygdalodora* Kraenzl. Synonym(s): *Pleurothallis pyxos* Luer & Escobar, *Trichosalpinx pyxos* (Luer & Escobar) Luer. Department(s): Cauca. Elevation: 3070 m. Type: *P.C. Hutchinson et al. 6425* (AMES, Neotype; Holotype: *Weberbauer 1824*, presumably destroyed at B): Perú. Voucher: *C. Luer et al. 3047* (SEL, Holotype of *Trichosalpinx pyxos*). Notes: *Ibid.* p. 88; Iso-neotypes at F, K, M, MICH, MO, NY, P, UC, US.
- Trichosalpinx arbuscula** (Lindl.) Luer, *Phytologia* 54: 394, 1983. Basionym: *Pleurothallis arbuscula* Lindl. Synonym(s): *Pleurothallis dinotherii* Rchb.f. & Warsc., *Pleurothallis diptera* Lindl., *Pleurothallis moschata* Rchb.f., *Humboldtia arbuscula* (Lindl.) Kuntze, *Humboldtia dinotherii* (Rchb.f.) Kuntze, *Humboldtia diptera* (Lindl.) Kuntze, *Pleurothallis lepanthoides* Schltr., *Pleurothallis tricaudata* Schltr., *Trichosalpinx dinotherii* (Rchb.f.) Luer, *Trichosalpinx moschata* (Rchb.f.) Luer, *Tri-*

- chosalpinx arbusculoides* (Hashimoto) Luer. Department(s): Antioquia. Elevation: 2580 m. Type: *T. Hartweg 37* (K, Holotype; AMES, LD, W, Isotypes): Ecuador. Voucher: *C. Luer et al. 14150* (MO). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 64: 44; Orq. Nat. Col. 6 fig. 1394.
- Trichosalpinx ballatrix** Luer & Escobar, Orquideologia 16: 178, 1984. Department(s): Antioquia. Elevation: 2380 m. Type: *C. Luer et al. 8748* (SEL): Colombia. Notes: Ibid. p. 179; Monogr. Syst. Bot. Missouri Bot. Gard. 64: 117.
- Trichosalpinx berlineri** (Luer) Luer, Phytologia 54: 394, 1983. Basionym: *Pleurothallis berlineri* Luer. Department(s): Without data. Elevation: Without data. Type: *B. Berliner s.n.* (SEL, Holotype; MO, Isotype): Ecuador. Voucher: No collections from Colombia. Source: Monogr. Syst. Bot. Missouri Bot. Gard. 64: 17. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 64: 36; Orq. Nat. Col. 4 fig. 683.
- Trichosalpinx bricenoënsis** Luer & Escobar, Monogr. Syst. Bot. Missouri Bot. Gard. 64: 105, 1997. Department(s): Antioquia. Elevation: 1850 m. Type: *C. Luer et al. 14196* (MO, Holotype; JAUM, Isotype): Colombia. Notes: Ibid. p. 111; Orq. Nat. Col. 6 fig. 1396.
- Trichosalpinx calceolaris** Luer & Escobar, Monogr. Syst. Bot. Missouri Bot. Gard. 64: 105, 1997. Department(s): Antioquia. Elevation: 2700 m. Type: *C. Luer 16723* (MO): Colombia. Voucher: *C. Luer et al. 17634* (MO). Notes: Ibid. p. 111; Orq. Nat. Col. 6 fig. 1397.
- Trichosalpinx caudata** Luer & Escobar, Monogr. Syst. Bot. Missouri Bot. Gard. 64: 20, 1997. Department(s): Antioquia. Elevation: Without data. Type: *C. Luer 16907* (MO): Colombia. Notes: Ibid. p. 37; Orq. Nat. Col. 4 fig. 686.
- Trichosalpinx chamaelepanthes** (Rchb.f.) Luer, Phytologia 54: 395, 1983. Basionym: *Pleurothallis chamaelepanthes* Rchb.f. Synonym(s): *Humboldtia chamaelepanthes* (Rchb.f.) Kuntze, *Lepanthes corazonis* Schltr., *Pleurothallis microcharis* Schltr. Department(s): Antioquia. Elevation: 3150 m. Type: *W. Jameson 313* (W, Holotype; BR, G, K, Isotypes): Ecuador. Voucher: *C. Dodson et al. 15295*(MO). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 64: 90; Orq. Nat. Col. 6 fig. 1393.
- Trichosalpinx decorata** Luer & Escobar, Monogr. Syst. Bot. Missouri Bot. Gard. 64: 106, 1997. Department(s): Valle del Cauca. Elevation: 2100 m. Type: *C. Luer 16738* (MO): Colombia. Notes: Ibid. p. 111.
- Trichosalpinx dependens** (Luer) Luer, Phytologia 54: 395, 1983. Basionym: *Pleurothallis dependens* Luer. Synonym(s): *Pleurothallis flexibilis* Luer & Vasquez, *Trichosalpinx flexibilis* (Luer & Vasquez) Luer. Department(s): Antioquia. Elevation: 1800 m. Type: *J. Brenner 22* (SEL): Ecuador. Voucher: *F. C. Lehmann 7055* (AMES, K). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 64: 37.
- Trichosalpinx dura** (Lindl.) Luer, Phytologia 54: 395, 1983. Basionym: *Pleurothallis dura* Lindl. Synonym(s): *Pleurothallis foliata* Griseb., *Humboldtia dura* (Lindl.) Kuntze, *Humboldtia foliata* (Griseb.) Kuntze, *Pleurothallis corazonica* F. Lehm. & Kraenzl., *Pleurothallis broadwayi* Ames, *Pleurothallis guadalupensis* Cogn., *Pleurothallis lepanthopsis* Schltr., *Pleurothallis amygdalina* Rolfe ex. Schltr., *Pleurothallis williamsii* Ames, *Pleurothallis anomala* Hoehne, *Pleurothallis broadwayi* ssp. *anomala* (Hoehne) Garay, *Trichosalpinx foliata* (Griseb.) Luer. Department(s): Antioquia. Elevation: 1280 m. Type: *W. Jameson s.n.* (K, Holotype; AMES, W, Isotypes): Ecuador. Voucher: *C. Luer 13194* (MO). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 64: 92, 93.
- Trichosalpinx ectopa** Luer, Orquideologia 18: 166, 1991. Department(s): Antioquia. Elevation: 1850 m. Type: *C. Luer et al. 14202* (MO): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 64: 111; Orq. Nat. Col. 6 fig. 1395.
- Trichosalpinx escobarii** Luer, Orquideologia 18: 168, 1991. Department(s): Cundinamarca. Elevation: 2880 m. Type: *J. M. Munera et al. 607* (JAUM, Holotype; Isotype, MO): Colombia. Notes: Ibid. p. 169; Orq. Nat. Col. 4 fig. 685; note: erroneously published again in Monogr. Syst. Bot. Missouri Bot. Gard. 64: 114, 1997.
- Trichosalpinx intricata** (Lindl.) Luer, Phytologia 54: 396, 1983. Basionym: *Pleurothallis intricata* Lindl. Synonym(s): *Humboldtia intricata* (Lindl.) Kuntze. Department(s): Chocó. Elevation: 2050 m. Type: *J. Linden 668* (K, Holotype; AMES, BR, G, W, Isotypes): Venezuela. Voucher: *F. Silverstone-Sopkin et al. 1740* (CUVC, MO). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 64: 95; Orchids Venezuela, ed. 2: 1089.
- Trichosalpinx memor** (Rchb.f.) Luer, Phytologia 54: 396, 1983. Basionym: *Pleurothallis memor* Rchb.f. Synonym(s): *Humboldtia memor* (Rchb.f.) Kuntze, *Pleurothallis gno-*

- monifera* Ames, *Pleurothallis brevis* Schltr., *Pleurothallis minutipetala* Ames & C. Schweinf., *Trichosalpinx minutipetala* (Ames & C. Schweinf) Luer, *Trichosalpinx nageliana* Soto Arenas, *Trichosalpinx greenwoodiana* Soto. Department(s): Without data. Elevation: Without data. Type: *Forkel s.n.* (W); Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 64: 38–39; Orchids Venezuela, ed. 2: 1090.
- Trichosalpinx multicuspidata** (Rchb.f.) Luer, *Phytologia* 54: 396, 1983. Basionym: *Pleurothallis multicuspidata* Rchb.f. Department(s): Antioquia, Boyacá. Elevation: 3000 m. Type: *G. Wallis s.n.* (W, Holotype; AMES, Isotypes): Colombia. Voucher: *P. J. Grubb et al. 514, 525* (K, US). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 64: 97; Orchids Venezuela, ed. 2: 1091; Type from Antioquia, without data.
- Trichosalpinx orbicularis** (Lindl.) Luer, *Phytologia* 54: 396, 1983. Basionym: *Specklinia orbicularis* Lindl. Synonym(s): *Pleurothallis orbicularis* (Lindl.) Lindl., *Pleurothallis biflora* H. Focke, *Lepanthes orbiculata* Lindl. ex Rchb.f., *Humboldtia biflora* (H. Focke) Kuntze, *Humboldtia orbicularis* (H. Focke) Kuntze, *Pleurothallis trachytheca* F. Lehm. & Kraenzl., *Pleurothallis lancifera* Schltr., *Trichosalpinx oxychilos* Carnevali & G. A. Romero. Department(s): Chocó. Elevation: 250 m. Type: *Loddiges s.n.* (K); Guyana. Voucher: *E. P. Killip 35269* (AMES). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 64: 29; Orchids Venezuela, ed. 2: 1092.
- Trichosalpinx pergrata** (Ames) Luer, *Phytologia* 54: 396, 1983. Basionym: *Pleurothallis pergrata* Ames. Synonym(s): *Pleurothallis falcipetala* Schltr., *Trichosalpinx falcipetala* (Schltr.) Luer. Department(s): Antioquia. Elevation: 1950 m. Type: *C. H. Lanckenster et al. 436* (AMES); Costa Rica. Voucher: *C. Luer 2951* (SEL). Notes: Selbyana 1:317; Monogr. Syst. Bot. Missouri Bot. Gard. 64: 99.
- Trichosalpinx pseudolepanthes** Luer & Escobar, *Orquideologia* 16: 183, 1984. Department(s): Antioquia. Elevation: 1850 m. Type: *R. Escobar & E. Valencia 2623* (SEL, Holotype; JAUM, Isotype): Colombia. Notes: Ibid. p. 184; Monogr. Syst. Bot. Missouri Bot. Gard. 64: 112.
- Trichosalpinx pusilla** (Kunth) Luer, *Phytologia* 54: 397, 1983. Basionym: *Dendrobium pusillum* Kunth. Synonym(s): *Specklinia pusilla* (Kunth) Lindl., *Pleurothallis pusilla* (Kunth) Lindl., *Humboldtia pusilla* (Kunth) Kuntze, *Pleurothallis roraimensis* Rolfe, *Trichosalpinx roraimensis* (Rolfe) Luer. Department(s): Antioquia. Elevation: 2500 m. Type: *A. Humboldt & A. Bonpland s.n.* (P, Holotype; AMES, W, Isotypes): Ecuador. Voucher: *C. Luer et al. 14347* (MO). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 64: 99.
- Trichosalpinx ramosii** Luer, Monogr. Syst. Bot. Missouri Bot. Gard. 64: 108, 1997. Department(s): Chocó. Elevation: 1900 m. Type: *J. E. Ramos et al. 1306* (CUCV, Holotype; MO, Isotype): Colombia. Notes: Ibid. p. 112.
- Trichosalpinx robledorum** (Luer & Escobar) Luer, *Phytologia* 54: 397, 1983. Basionym: *Pleurothallis robledorum* Luer & Escobar. Department(s): Antioquia. Elevation: 1900 m. Type: *C. Luer 2293* (SEL, Holotype; JAUM, Isotype): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 64: 100; Orq. Nat. Col. 4 fig. 681.
- Trichosalpinx semilunata** (Luer) Luer, *Phytologia* 54: 395, 1983. Basionym: *Pleurothallis semilunata* Luer. Synonym(s): *Trichosalpinx dithele* Luer & Escobar. Department(s): Antioquia. Elevation: 1600 m. Type: *C. Luer et al. 523* (SEL): Ecuador. Voucher: *C. Luer et al. 8792* (SEL). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 64: 101.
- Trichosalpinx silverstonei** Luer, Monogr. Syst. Bot. Missouri Bot. Gard. 64: 108, 1997. Department(s): Chocó. Elevation: 1950 m. Type: *P. Silverstone et al. 4324* (CUCV, Holotype; MO, Isotype): Colombia. Notes: Ibid. p. 112.
- Trichosalpinx spathulata** Luer, Monogr. Syst. Bot. Missouri Bot. Gard. 64: 109, 1997. Department(s): Chocó. Elevation: 1950 m. Type: *P. Silverstone et al. 4323* (CUCV, Holotype; MO, Isotype): Colombia. Notes: Ibid. p. 112.
- Trichosalpinx tenuis** (C. Schweinf.) Luer, *Phytologia* 54: 397, 1983. Basionym: *Pleurothallis tenuis* C. Schweinf. Synonym(s): *Trichosalpinx vertex* Luer & Escobar. Department(s): Tolima. Elevation: 3500 m. Type: *F. L. Herrera 2157* (US); Perú. Voucher: *C. Luer et al. 8488* (SEL, COL, JAUM). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 64: 102.
- Trichosalpinx uvaria** Luer, Monogr. Syst. Bot. Missouri Bot. Gard. 64: 109, 1997. Department(s): Chocó. Elevation: 1950 m. Type: *P. Silverstone-Sopkin et al. 4322* (CUCV, Holotype; MO, Isotype): Colombia. Notes: Ibid. p. 113.
- Trichosalpinx vagans** (Garay & Dunsterv.) Luer, *Phytologia* 54: 398, 1983. Basionym:

- Pleurothallis vagans* Garay & Dunsterville. Department(s): Antioquia. Elevation: 2600 m. Type: *L. A. Garay et al. 1066* (AMES): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 64: 104.
- Trichosalpinx webbiae** Luer & Escobar, Orquideologia 16: 188, 1984. Department(s): Antioquia. Elevation: 2800 m. Type: *C. Luer et al. 8765* (SEL): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 64: 104.
- Trisetella escobarii** Luer, Lindleyana 1: 188, 1986. Department(s): Norte de Santander. Elevation: 2100 m. Type: *C. Luer et al. 10324* (MO): Colombia. Notes: Ibid. p. 189; Monogr. Syst. Bot. Missouri Bot. Gard. 31: 86; Orq. Nat. Col. 4 fig. 690.
- Trisetella gemmata** (Rchb.f.) Luer, Phytologia 47: 57, 1980. Basionym: *Masdevallia gemmata* Rchb.f. Synonym(s): *Triaristella gemmata* (Rchb.f.) Luer, *Triaristellina gemmata* (Rchb.f.) Rauschert. Department(s): Antioquia. Elevation: 1800 m. Type: *J. O'Brien s.n.* (W): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 31: 91; Orq. Nat. Col. 4 fig. 691.
- Trisetella tenuissima** (C. Schweinf.) Luer, Phytologia 47: 58, 1980. Basionym: *Masdevallia tenuissima* C. Schweinf. Synonym(s): *Masdevallia butcheri* Luer, *Triaristella tenuissima* (C. Schweinf.) Luer, *Triaristellina tenuissima* (C. Schweinf.) Rauschert. Department(s): Antioquia. Elevation: 1200 m. Type: *A. A. Hunter et al. 587* (MO): Panama. Voucher: *C. Luer 13087*(MO). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 31: 108; Orq. Nat. Col. 4 fig. 692.
- Trisetella triaristella** (Rchb.f.) Luer, Phytologia 47: 58, 1980. Basionym: *Masdevallia triaristella* Rchb.f. Synonym(s): *Triaristella reichenbachii* Brieg., *Triaristellina triaristella* (Rchb.f.) Rauschert. Department(s): Without data. Elevation: Without data. Type: *M. Endres 566* (W): Costa Rica. Voucher: *C. Luer 2190* (SEL). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 31: 110–112.
- Trisetella triglochis** (Rchb.f.) Luer, Phytologia 47: 58, 1980. Basionym: *Masdevallia triglochis* Rchb.f. Synonym(s): *Masdevallia tripeta* Rchb.f., *Masdevallia tridactylites* Rchb.f., *Masdevallia trichaete* Rchb.f., *Masdevallia triseta* Rchb.f. ex Kraenzl., *Masdevallia huebneri* Schltr., *Masdevallia allenii* L.O.Wms., *Triaristella huebneri* (Schltr.) Luer, *Triaristella trichaete* (Rchb.f.) Luer, *Triaristella tridactylites* (Rchb.f.) Luer, *Triaristella triglochis* (Rchb.f.) Luer, *Trisetella huebneri* (Schltr.) Luer, *Trisetella trichaete* (Rchb.f.) Luer, *Trisetella tridactylites* (Rchb.f.) Luer, *Triaristellina huebneri* (Schltr.) Rauschert, *Triaristellina trichaete* (Rchb.f.) Rauschert, *Triaristellina tridactylites* (Rchb.f.) Rauschert, *Triaristellina triglochis* (Rchb.f.) Rauschert. Department(s): Antioquia. Elevation: 1600 m. Type: *F. C. Lehmann 68* (W): Ecuador. Voucher: *C. Luer et al. 8783* (SEL). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 31: 113–119; Orq. Nat. Col. 4 fig. 693.
- Zootrophion alvaroi** (Garay) Luer, Monogr. Syst. Bot. Missouri Bot. Gard. 95: 215, 2004. Basionym: *Cryptophoranthus alvaroi* Garay. Department(s): Antioquia. Elevation: Without data. Type: *G. Escobar 372* (AMES): Colombia. Notes: Ibid. p. 228.
- Zootrophion argus** (Rchb.f. ex Kraenzl.) Luer, Monogr. Syst. Bot. Missouri Bot. Gard. 31: 15, 2004. Basionym: *Cryptophoranthus argus* Rchb.f. ex Kraenzl. Synonym(s): *Masdevallia argus* Rchb.f. ex Kraenzl. Department(s): Norte de Santander. Elevation: 1650 m. Type: *L. Schlim 762* (K, Lectotype; W, NY, Isolectotypes): Colombia. Notes: Ibid. p. 228.
- Zootrophion dayanum** (Rchb.f.) Luer, Selbyana 7: 82, 1982. Basionym: *Masdevallia dayanana* Rchb.f. Synonym(s): *Cryptophoranthus dayanus* (Rchb.f.) Rolfe, *Cryptophoranthus lehmannii* Rolfe. Department(s): Risaralda. Elevation: 1900 m. Type: *John Day s.n.* (W, Holotype; K, Iso-type): Colombia. Voucher: *C. Luer 4313* (SEL). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 229; Orq. Nat. Col. 4 fig. 703; Type without original collection data.
- Zootrophion dodsonii** (Luer) Luer, Selbyana 7: 82, 1982. Basionym: *Cryptophoranthus dodsonii* Luer. Department(s): Cauca. Elevation: Without data. Type: *C. H. Dodson et al. 9202* (SEL): Ecuador. Voucher: *C. Luer 2965, 3003* (SEL). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 230.
- Zootrophion endresianum** (Kraenzl.) Luer, Selbyana 7: 82, 1982. Basionym: *Cryptophoranthus endresianus* Kraenzl. Department(s): Valle del Cauca. Elevation: 1700 m. Type: *A. Endres s.n.* (K): Costa Rica. Voucher: *C. Luer 2350* (SEL). Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 230.
- Zootrophion hypodiscus** (Rchb.f.) Luer, Selbyana 7: 84, 1982. Basionym: *Masdevallia hypodiscus* Rchb.f. Synonym(s): *Cryptophoranthus hypodiscus* (Rchb.f.) Rolfe, *Cryptophoranthus moorei* Rolfe, *Cryptophoranthus rolfeanus* Kraenzl. Department(s): Valle del Cauca. Elevation: 1200 m. Type: *F. C. Lehmann s.n.* (W): Colombia. Voucher: *C. Luer 14123*(MO). Notes:

- Monogr. Syst. Bot. Missouri Bot. Gard. 95: 231.
- Zootrophion oblongifolium** (Rolfe) Luer, Selbyana 7: 84. 1982. Basionym: *Cryptophoranthus oblongifolius* Rolfe. Department(s): Without data. Elevation: Without data. Type: *J. Charlesworth s.n.* (K, Holotype; BR, Isotype): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 231; Orq. Nat. Col. 6 fig. 1409.
- Zootrophion trivalve** (Luer & Escobar) Luer, Selbyana 7: 84. 1982. Basionym: *Cryptophoranthus trivalvis* Luer & Escobar. Department(s): Without data. Elevation: Without data. Type: *R. Escobar 1658* (JAUM): Colombia. Notes: Monogr. Syst. Bot. Missouri Bot. Gard. 95: 232.
- Species Reported From Colombia Without Vouchers**
- Dryadella gnoma* (Luer) Luer, Selbyana 2 (2–3): 208. 1978
- Dryadella meiracyllium* (Rchb. f.) Luer, Selbyana 2 (2–3): 209. 1978.
- Lepanthes lindleyana* Oerst. ex Rchb. f., Xenia Orchid. 1: 149, t. 50, f. 8–10. 1858.
- Lepanthes pteropogon* Rchb. f., Xenia Orch. 1: 146. 1856.
- Octomeria graminifolia* (L.) R. Br. Ait., Hort. Kew. ed. 2,5: 211. 1813
- Pleurothallis (Acronia) semiscabra* Lindl., Orch. Linden. 2. 1846
- Pleurothallis (Acronia) subtilis* C.Schweinf., Fieldiana 28: 188. 1951
- Pleurothallis (Acronia) undulata* P. & E., Nov. Gen. ac Sp. Pl. 1: 48. 1836
- Pleurothallis aristata* Hook., Ann. and Mag. Nat. Hist. 1: 329. 1839
- Pleurothallis aryter* Luer, Selbyana 3: 54. 1976
- Pleurothallis barbulata* Lindl., Folia Orch. Pleuroth. 40. 1859
- Pleurothallis breviscapa* Schweinf., Bot. Mus. Leaf. 3: 79. 1935.
- Pleurothallis ciliolata* Schltr., Feddes Repert. 23: 36. 1926.
- Pleurothallis deregularis* (Barb. Rodr.) Luer, Selbyana 2: 385. 1978
- Pleurothallis endotrachys* Rchb. f., Linnaea 41: 95. 1876
- Pleurothallis lappiformis* Heller & L. O. Wms., Fieldiana 31: 42. 1964
- Pleurothallis meridana* Rchb. f., Linnaea 22: 826. 1849
- Pleurothallis parvifolia* Lindl., Hook., Comp. Bot. Mag. 2:355. 1837
- Pleurothallis polygonoides* Griseb., Fl. Br. W. Ind. Is. 609. 1864
- Pleurothallis racemiflora* Lindl. ex Lodd., Bot. Cab. 10: t. 949. 1824
- Pleurothallis samacensis* Ames, Sched. Orch. 2: 22. 1923
- Pleurothallis semperflorens* Lindl., Fol. Orch. Pleuroth. 40. 1859
- Pleurothallis testaefolia* (Sw.) Lindl., Ann. and Mag. Nat. Hist.
- Stelis biserrula* Lindl., Fol. Orch. Stel. 16. 1858
- Stelis chamaelepanthes* (Rchb. f.) Garay & Dunst., Bonpl. 3: 225. 1855
- Stelis concinna* Lindl., Hook., J. Bot. 1:11. 1834
- Stelis guianensis* Rolfe, Trans. Linn. Soc. Bot. ser. 2
- Stelis jamesoni* Ldl., Hook., J. Bot. 1: 11. 1834
- Stelis lentiginosa* Lindl., Fol. Orch. Stel. 8: 58. 1858
- Stelis lindenii* Lindl., Orch. Linden. 3. no.17. 1846
- Stelis lutea* Lindl., Fol. Orch. Stel. 7. 1858
- Stelis major* Rchb. f., Bonpl. 2: 23. 1854
- Stelis nitens* Rchb. f., Bonpl. 2: 22. 1854
- Stelis pardipes* Rchb. f., Beitr. Orch. Centr.-Am. 96. 1866.
- Stelis propinqua* Ames, Sched. Orch. 6: 55. 1923
- Stelis stenophylla* Rchb. F. Bonpl. 3: 70. 1855
- Stelis striolata* Lindl., Fol. Orch. Stel. 4: 1858
- Stelis trichorrhachis* Rchb. f., Bonpl. 3: 71. 1855.
- Stelis triseta* Lindl., Fol. Orch. Stel. 17. 1858
- Stelis umbriae* Schltr., Repert. Spec. Nov. Regni Veg. Beih. 27: 40. 1924.
- Stelis venezuelensis* Foldats, Act. Bot. Venez. 3: 421. 1968