

# New combinations in Neotropical Thelypteridaceae

Alexandre Salino<sup>1</sup>, Thaís E. Almeida<sup>2</sup>, Alan R. Smith<sup>3</sup>

**1** Departamento de Botânica, Universidade Federal de Minas Gerais, Av. Antônio Carlos, 6627 – Belo Horizonte, Minas Gerais, Brazil. Caixa Postal 486, CEP 30123-970 **2** Programa de Ciências Naturais, Instituto de Ciências da Educação – Universidade Federal do Oeste do Pará, Avenida Marechal Rondon, s/n, Campus Rondon – Santarém, Pará, Brazil 68040-070 **3** University Herbarium, University of California, 1001 Valley Life Sciences Bldg. # 2465, Berkeley, CA 94720-2465, USA

Corresponding author: *Alexandre Salino* (salinobh@gmail.com)

---

Academic editor: *Pavel Stoev* | Received 10 July 2015 | Accepted 2 October 2015 | Published 2 December 2015

---

**Citation:** Salino A, Almeida TE, Smith AR (2015) New combinations in Neotropical Thelypteridaceae. *PhytoKeys* 57: 11–50. doi: 10.3897/phytokeys.57.5641

---

## Abstract

288 new combinations of Neotropical Thelypteridaceae taxa are proposed in order to recognize monophyletic genera, based on the results of the most recent molecular phylogeny of the family, as well as the morphological uniformity of characters for each genus. The new nomenclatural combinations correspond to 186 *Amauropelta* taxa, 77 species of *Goniopteris*, and 25 *Steiropteris* taxa. A key to all native Neotropical genera of the family is also presented.

## Keywords

*Amauropelta*, ferns, *Goniopteris*, *Steiropteris*, *Thelypteris*

## Introduction

The Thelypteridaceae, comprising approximately 1,000 species, is one of the largest families of ferns (Smith et al. 2006). It has a cosmopolitan distribution, with most species occurring in tropical and subtropical regions (Smith 1992, Smith et al. 2006, 2008). The family is monophyletic as usually construed (Smith and Cranfill 2002, Schuettpelz and Pryer 2007, He and Zhang 2013, and Almeida et al. 2015). However, the classification within the family is controversial, with authors recognizing different numbers of genera: 32 (Pichi Sermolli 1977), 25 (Holttum 1971, 1982, Old World only), 20 (Ching 1978), 5 (Smith 1990a, Smith et al. 2006, 2008), or only one (Morton 1969, Tryon and Tryon 1982).

Recent molecular phylogenetic studies have recovered two main groups in the family: the phegopteroid and the thelypteroid lineages (Smith and Cranfill 2002, He and Zhang 2012, and Almeida et al. 2015). The phegopteroid lineage includes two paleotropical genera, *Macrothelypteris* (H.Itô) Ching (ca. 10 spp.), *Pseudophegopteris* Ching (ca. 20 spp.), and one north-temperate genus, *Phegopteris* Fée (4 spp.). In the thelypteroid lineage, *Thelypteris* s.s. (*Thelypteris palustris* Schott, *T. confluens* (Thunb.) C.V.Morton) is the basal group and sister to a clade that includes all other non-phegopteroid Thelypteridaceae. This confirms the status of *Thelypteris* s.s. as a small, isolated segregate genus of two species. The sister group to *Thelypteris* s.s. comprises two well supported, much larger clades: the amauropeltoid clade, comprising the genera *Amauropelta* Kunze, *Parathelypteris* (H. Itô) Ching, *Coryphopteris* Holttum, and *Metathelypteris* (H.Itô) Ching, and the cyclosoroid clade, comprising several genera from the Old World and the New World (He and Zhang 2012, and Almeida et al. 2015). Inside the cyclosoroid clade, several groups in the Paleotropics are still ill-defined and probably not monophyletic (He and Zhang 2012, Almeida et al. 2015). Thus, the current infrafamilial classification for Thelypteridaceae is not in accordance with growing phylogenetic evidence and principles of monophyly.

The following native Neotropical genera of Thelypteridaceae are recognized: *Amauropelta*, *Christella* Lév. (a more precise circumscription still pending), *Cyclosorus* Link, *Goniopteris* (C.Presl) Duek., *Meniscium* Schreber, *Stegnogramma* Blume, *Steiropteris* C.Chr., and *Thelypteris* Schmidel, based on the recent molecular phylogenetic data for this family (Almeida et al. 2015) and the morphological uniformity recognized in previously proposed classifications (Holttum 1971, Pichi Sermolli 1977, Smith 1980, 1990a). With the exception of *Amauropelta* and *Thelypteris*, the other six genera belong to the cyclosoroid clade. In the most recent published floras for Neotropical areas, these monophyletic groups of Thelypteridaceae were treated as subgenera of *Thelypteris*. In the most recent fern classifications (Smith 1990a; Smith et al. 2006, 2008; Christenhusz et al. 2011), *Amauropelta* was treated within the genus *Thelypteris*, and *Christella*, *Cyclosorus*, *Goniopteris*, *Meniscium*, and *Steiropteris* within the genus *Cyclosorus*.

Utilizing our most recent results on molecular phylogeny of the family (Almeida et al. 2015), the monophyletic genera accepted here have strong support. They are also easily defined morphologically by characters in the key below.

*Amauropelta*, predominantly Neotropical, is most closely related to several Old World genera: *Coryphopteris*, *Metathelypteris*, and *Parathelypteris*. *Amauropelta* is recognized mainly by the laminar base usually gradually or abruptly reduced with one to many pairs of auriculiform or glanduliform pinnae, and by the veins from adjacent segments usually meeting the blade margins above the sinuses on pinnatifid pinnae.

Our results (Almeida et al. 2015) confirm that *Steiropteris* is monophyletic and sister to all remaining cyclosoroid genera except *Stegnogramma*. These results include an interesting novelty: *Thelypteris polypodioides* (Raddi) C.F.Reed and *T. villosa* (Link) C.F.Reed, from southern Brazil (previously *incertae sedis*), nest in *Steiropteris* with strong support. These two species were treated by Christensen (1913) as belonging to *Dryopteris* subg. *Leptogramma* (J.Sm.) C.Chr. (= *Stegnogramma*).

*Goniopteris* has long been recognized as a natural group (Christensen 1913, Tryon and Tryon 1982, Smith 1990a). It is also monophyletic (Smith and Cranfill 2002, Schuettpelz and Pryer 2007) and has been accorded generic status, e.g., by Copeland (1947), Brade (1972) and Pichi Sermolli (1977). The presence of furcate or stellate hairs on the blades and/or rhizome apex scales is a useful diagnostic character for *Goniopteris* (Salino 2002), but this character has apparently been secondarily lost in a few species: *G. mollis* Fée (Mexico and Central America; Mickel and Smith 2004; Smith 1995a), *G. macrotis* (Hook.) Pic.Serm., *G. semihastata* (Kunze) Salino & T.E.Almeida (both endemic to Peru; Smith 1992), *G. holodictya* (K.U.Kramer) Salino & T.E.Almeida (French Guiana; Smith 1993), and *G. clypeata* (Maxon & C.V.Morton) Salino & T.E.Almeida (Panama, Peru; Smith 1995a, and Colombia).

The narrow circumscription of *Cyclosorus* used here has already been adopted by some authors (e.g., Pichi Sermolli 1977, Holttum 1971, 1982). This clade (pantropical, with two species, only one of which, *C. interruptus* (Willd.) H.Itô, occurs in the Neotropics) is supported as monophyletic in the results of our molecular phylogeny (Almeida et al. 2015). Most native species previously considered in *Thelypteris* subg. *Cyclosorus* (Link) C.V.Morton in some floras (Mickel and Beitel 1988, Mickel and Smith 2004, Proctor 1977, 1985, 1989, Salino and Semir 2002, Smith 1981a,b, 1983, 1988, 1992, 1995a,b) are now treated in the genus *Christella*, as done by Pichi Sermolli (1977) and Holttum (1974, 1982). However, it appears likely that *Christella* sensu Holttum is not monophyletic (see Smith and Cranfill 2002; Schuettpelz and Pryer 2007; He and Zhang 2012).

Following Smith (1990a) and Smith et al. (2006, 2008), Mazumdar and Mukhopadhyay (2013) proposed new combinations in *Cyclosorus* for many species nested in the cyclosoroid clade. However, if this clade is to be considered as a single genus, the oldest generic name is *Meniscium* (Schreber 1791). In order to retain all the names recombined by Mazumdar and Mukhopadhyay (2013), Mazumdar (2015) subsequently proposed conservation of *Cyclosorus* against *Meniscium*. However, we believe conservation is unnecessary, because the cyclosoroid clade, considered by Mazumdar (2015) as a genus, corresponds to at least 10 genera according to recent molecular phylogenetic results (Almeida et al. 2015). We think it preferable that *Cyclosorus sensu stricto* be construed as comprising only two species (see above). At the same time, we interpret phylogenetic evidence to best support *Meniscium* as a genus comprising 26 species (Fernandes et al. 2014).

*Meniscium*, wholly Neotropical, appears to be monophyletic and more closely related to *Cyclosorus s.s.* (*Cyclosorus interruptus*), *Mesophlebium* Holttum, and *Ampelopteris* Kunze (Almeida et al. 2015). *Meniscium* is morphologically uniform and characterized by short-creeping rhizomes, pinnate leaves each with a conform apical pinna, and by regularly anastomosing veins resulting in parallel rows of areoles that include either a single free vein or a bisecting vein. Fernandes et al. (2014) made five new combinations for *Meniscium* species; combinations are already available for other recognized menisciums. Similarly, combinations are available for 38 species of *Amauropelta*, for nearly 40 species of *Goniopteris*, as well as for nine species of *Steiropteris*. New combinations in *Amauropelta*, *Goniopteris*, and *Steiropteris* are established for most

remaining Neotropical species, those that appear commonly recognized in existing floras and monographs. We refrain from addressing further *Christella* sensu Holttum in the Neotropics, because (as mentioned above) existing evidence suggests that it is not monophyletic – most of the neotropical species (sect. *Pelazoneuron* Holttum) appear to comprise a clade separate from the paleotropical species (sect. *Christella*). However, sampling of *Christella* in both the Old World and New World, as well as affiliated cyclosoroid genera circumscribed by Holttum (1982) in the Paleotropics, is still far too meager to construct a viable taxonomy.

### Key to the native Neotropical Thelypteridaceae genera

- 1 Forked or stellate hairs present at least on the rachises and costae, and/or on the scales at apices of rhizomes, and may be present in other parts of the frond ..... ***Goniopteris***
- All hairs unbranched (hairs fasciculate, i.e., basally clustered, in some species of *Amauropelta*)
- 2 Laminae 1-pinnate, rarely simple; pinnae entire or with an serrate or undulate margin, rarely shallowly lobed; veins regularly anastomosing, areoles 3–25-seriate between costae and pinna margins ..... **3**
- Laminae 1-pinnate-pinnatifid, rarely 2-pinnate; pinnae incised 1/3 their width or more; veins meeting the margins above sinuses, or connivent at sinuses, or with 1 or 2 pairs of anastomosing below sinuses..... **4**
- 3 Sori usually in a single row between adjacent costules (except *Meniscium andreanum*, which often has a double row of sori between main lateral veins), oblong or linear, rarely round; sori exindusiate ..... ***Meniscium***
- Sori usually in a double row between adjacent costules, usually round (except *G. holodictya*, which sometimes has only one row of somewhat elongate sori between costules); sori indusiate (indusial may be small, or hidden in mature sori!) or exindusiate..... ***Goniopteris***
- 4 Sporangia setose; sori elongate, exindusiate..... **5**
- Sporangia not setose, or if setose (in eight species of *Amauropelta*) then sori round; sori round, oblong, or rarely elongate; sori indusiate or exindusiate... **6**
- 5 Pinnae broadly adnate and decurrent onto rachises in the distal half of laminae; proximal pinnae not cuneate at bases..... ***Stegnogramma* (*S. pilosa*, *S. burksiorum*)**
- Pinnae neither adnate nor decurrent onto rachises, sometimes one distal pair adnate to rachises; proximal pinnae short- to long-cuneate at bases..... ***Steiropteris* (*S. polypodioides*, *S. villosa*)**
- 6 Laminae with all veins usually meeting margins above the sinuses ..... **7**
- Laminae with at least some of the proximal veins running to the sinuses or forming an excurrent vein to the sinuses ..... **9**

- 7 Laminae narrowed proximally with (1-) 2–20 pairs of greatly reduced pinnae, the proximal pinnae usually auriculiform or glanduliform, rarely proximal pinnae not reduced ..... *Amauropelta*
- Laminae usually not narrowed proximally, or only slightly so, usually lacking greatly reduced pinnae ..... **8**
- 8 Rhizomes long-creeping; laminae 1-pinnate-pinnatifid to 2-pinnate; veins of sterile laminae 1- or 2-forked, sometimes simple in the fertile laminae.... *Thelypteris*
- Stems ascending to erect, rarely short-creeping; laminae 1-pinnate-pinnatifid; veins of sterile and fertile laminae simple .. *Steiropteris* (subg. *Glaphyropteris*)
- 9 Rhizomes long-creeping to 3 m or more, blackish, scaleless or nearly so .....  
..... *Cyclosorus*
- Rhizomes short-creeping to ascending or erect, light brown, with conspicuous scales, at least at apices..... **10**
- 10 Cartilaginous keel (false vein) present below pinna sinuses, keels extending toward costa but not meeting it; aerophores (tuberculate or often threadlike) at pinna bases usually present, absent in a few species; indusia present or absent ..... *Steiropteris* (subg. *Steiropteris*)
- Cartilaginous keel absent below pinna sinuses; aerophores at pinna bases absent; indusia present, persistent..... *Christella*

## New combinations

The names proposed as needing new combinations were obtained from taxonomic and floristic sources such as floras, monographs, or isolated published papers. All names were checked in IPNI.ORG and TROPICOS.ORG. The main floras consulted were ones for Mexico (Smith 1981a, 1988; Mickel and Beitel 1988, Mickel and Smith 2004), Lesser Antilles (Proctor 1977), Jamaica (Proctor 1985), Puerto Rico and the Virgin Islands (Proctor 1989), Cuba (Sánchez et al 2006), Mesoamerica (Smith 1995a), Guatemala (Smith 1981b), Venezuela (Vareschi 1969; Smith 1995b), Guianas (Smith 1993), Ecuador (Smith 1983), Peru (Smith 1992), Argentina (Ponce 1987), and from Brazil (Brade 1971, Sehnem 1979, Salino and Semir 2002, 2003, 2004, Ponce 2007, Salino and Almeida 2010). The monographs of reference were the works of Christensen (1907, 1913, 1920) and Smith (1980). In addition, the following works describing new species were consulted: Smith and Lellinger (1985), Smith (1990b), Salino (2002), Salino and Melo (2000), Smith and Kessler (2008), Matos et al. (2010), and Salino et al. (2011, 2014). The authorship of new combinations was established as follows: species in Venezuela are credited to Alan R. Smith; Alexandre Salino and Thais Elias Almeida are credited with authorship of the remaining species. We choose to cite only the basionym and the name in *Thelypteris* (when available) for all new combinations; this avoids citation of the often extensive synonymy, information that is available in many recent floristic and taxonomic studies.

New combinations in *Amauropelta****Amauropelta achalensis* (Hieron.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151259-1

*Aspidium achalense* Hieron., Bot. Jahrb. Syst. 22: 371. 1896.*Thelypteris achalensis* (Hieron.) Abbiatti, Darwiniana 13: 566. 1964.***Amauropelta aculeata* (A.R.Sm.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77150878-1

*Thelypteris aculeata* A.R.Sm., Fl. Ecuador 18: 15. F. 1A, 1B. 1983.***Amauropelta acunae* (C.Sánchez & Zavaro) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77150879-1

*Thelypteris acunae* C.Sánchez & Zavaro, Fontqueria 31: 223. f.1. 1991.***Amauropelta aliena* (C.Chr.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77150880-1

*Dryopteris aliena* C.Chr., Kongl. Svenska Vetenskapskad. Handl., ser. 3, 16: 23. 1937.***Amauropelta altitudinis* (Ponce) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151260-1

*Thelypteris altitudinis* Ponce, Darwiniana 28 (1-4): 345. 1987.***Amauropelta amambayensis* (Ponce) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151261-1

*Thelypteris amambayensis* Ponce, Candollea 55: 310.***Amauropelta amphioxpteris* (Sodirol) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77150881-1

*Nephrodium amphioxpteris* Sodirol, Recens. Crypt. Vasc. Quit. 51. 1883.*Thelypteris amphioxpteris* (Sodirol) A.R.Sm., Fl. Ecuador 18: 17. 1983.***Amauropelta andicola* (A.R.Sm.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77150882-1

*Thelypteris andicola* A.R.Sm., Fieldiana, Bot., n.s., 29: 16. 1992.***Amauropelta appressa* (A.R.Sm.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77150883-1

*Thelypteris appressa* A.R.Sm., Fl. Ecuador 18: 19. 1983.***Amauropelta araucariensis* (Ponce) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77150884-1

*Thelypteris araucariensis* Ponce, Darwiniana 33: 270. 1995.



***Amauropolta arborea* (Brause) A.R.Sm., comb. nov.**

urn:lsid:ipni.org:names:77151262-1

*Dryopteris arborea* Brause, Repert. Spec. Nov. Regni Veg. 13: 294. 1914.*Thelypteris arborea* (Brause) A.R.Sm., Acta Bot. Venez. 14 (3): 7. 1984.***Amauropolta arenosa* (A.R.Sm.) A.R.Sm., comb. nov.**

urn:lsid:ipni.org:names:77150885-1

*Thelypteris arenosa* A.R.Sm., Fl. Ecuador 18: 21. 1983.***Amauropolta argentina* (Hieron.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151263-1

*Aspidium argentinum* Hieron., Bot. Jahrb. Syst. 22: 367. 1896.*Thelypteris argentina* (Hieron.) Abbiatti, Revista Mus. La Plata, Secc. Bot. 9 (36-37): 19. 1958.***Amauropolta arrecta* (A.R.Sm.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77150886-1

*Thelypteris arrecta* A.R.Sm., Fieldiana, Bot., n.s., 29: 36. 1992.***Amauropolta atrorubens* (Mett. ex Kuhn) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151264-1

*Aspidium atrorubens* Mett. ex Kuhn, Linnaea 36. 112. 1869.*Thelypteris atrorubens* (Mett. ex Kuhn) A.R.Sm., Fieldiana, Bot., n.s. 29: 24. 1992.***Amauropolta atrovirens* (C.Chr.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77150887-1

*Dryopteris atrovirens* C.Chr., Bull. Herb. Boissier, sér. 2, 7 (4): 263. 1907.*Thelypteris atrovirens* (C.Chr.) C.F.Reed, Phytologia 17 (4): 261. 1968.***Amauropolta aymarae* (A.R.Sm. & M.Kessler) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77150888-1

*Thelypteris aymarae* A.R.Sm. & M.Kessler, Brittonia 60 (1): 49. 2008.***Amauropolta balbisii* (Spreng.) A.R.Sm., comb. nov.**

urn:lsid:ipni.org:names:77150889-1

*Polypodium balbisii* Spreng., Nova Acta Phys.-Med. Acad. Caes. Leop.-Carol. Nat. Cur. 10: 228. 1821.*Thelypteris balbisii* (Spreng.) Ching, Bull. Fan Mem. Inst. Biol. 10: 250. 1941.***Amauropolta barvae* (A.R.Sm.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77150890-1

*Thelypteris barvae* A.R.Sm., Ann. Missouri Bot. Gard. 77 (1): 118. f. 2A-C. 1990.

***Amauropelta basisceletica* (C.Sánchez, Caluff & O.Alvarez) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151265-1

*Thelypteris basisceletica* C.Sánchez, Caluff & O.Alvarez, Amer. Fern J. 95 (1): 30. f. 1. 2005.

***Amauropelta binervata* (A.R.Sm.) A.R.Sm., comb. nov.**

urn:lsid:ipni.org:names:77150891-1

*Thelypteris binervata* A.R.Sm., Acta Bot. Venez. 14 (3): 6. 1984.

***Amauropelta bonapartii* (Rosenst.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151266-1

*Dryopteris bonapartii* Rosenst., Repert. Spec. Nov. Regni Veg. 7: 303–304. 1909.

*Thelypteris bonapartii* (Rosenst.) Alston, J. Wash. Acad. Sci. 48: 233. 1958.

***Amauropelta brachypoda* (Baker) A.R.Sm., comb. nov.**

urn:lsid:ipni.org:names:77150892-1

*Nephrodium brachypodum* Baker, Timahri 5: 213. 1886.

*Thelypteris brachypoda* (Baker) C.V.Morton, Fieldiana, Bot. 28: 10. 1951.

***Amauropelta brachypus* (Sodiolo) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77150893-1

*Nephrodium brachypus* Sodiolo, Recens. Crypt. Vasc. Quit. 43. 1883.

*Thelypteris brachypus* (Sodiolo) R.M.Tryon & A.F.Tryon, Rhodora 84: 128. 1982.

***Amauropelta brausei* (Hieron.) A.R.Sm., comb. nov.**

urn:lsid:ipni.org:names:77150894-1

*Dryopteris brausei* Hieron., Hedwigia 46: 337, t. 6, f. 11. 1907.

*Thelypteris brausei* (Hieron.) Alston, J. Wash. Acad. Sci. 48: 233. 1958.

***Amauropelta burkartii* (Abbiatti) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77150895-1

*Thelypteris burkartii* Abbiatti, Darwiniana 13: 550, f. 4, t. 2. 1964.

***Amauropelta campii* (A.R.Sm.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151267-1

*Thelypteris campii* A.R.Sm., Fl. Ecuador 18: 27. 1983.

***Amauropelta canadasii* (Sodiolo) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77150896-1

*Nephrodium canadasii* Sodiolo, Recens. Crypt. Vasc. Quit. 48. 1883.

*Thelypteris canadasii* (Sodiolo) Alston, J. Wash. Acad. Sci. 48: 234. 1958.



***Amauropelta caucaensis* (Hieron.) A.R.Sm., comb. nov.**

urn:lsid:ipni.org:names:77151268-1

*Nephrodium caucaense* Hieron., Bot. Jahrb. Syst. 34: 444. 1904.*Thelypteris caucaensis* (Hieron.) Alston, J. Wash. Acad. Sci 48: 233. 1958.***Amauropelta chaparensis* (A.R.Sm. & M.Kessler) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77150897-1

*Thelypteris chaparensis* A.R.Sm. & M.Kessler, Brittonia 60 (1): 51. 2008.***Amauropelta chiriquiana* (A.R.Sm.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77150898-1

*Thelypteris chiriquiana* A.R.Sm., Ann. Missouri Bot. Gard. 77 (1): 120. f. 3A-C. 1990.***Amauropelta christensenii* (Christ ex C.Chr.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151269-1

*Dryopteris christensenii* Christ ex C.Chr., Bull. Herb. Boissier, sér. 2, 7 (4): 263. 1907.*Thelypteris christensenii* (Christ ex C.Chr.) C.F.Reed, Phytologia 17 (4): 267. 1968.***Amauropelta cinerea* (Sodi) A.R.Sm., comb. nov.**

urn:lsid:ipni.org:names:77150900-1

*Nephrodium cinereum* Sodi, Sert. Fl. Ecuad. II. 26. 1908.*Thelypteris cinerea* (Sodi) A.R.Sm., Phytologia 34: 233. 1976.***Amauropelta cochaensis* (C.Chr.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77150901-1

*Dryopteris cochaensis* C.Chr., Kongel. Danske Vidensk. Selsk. Skr., Naturvidensk. Math. Afd., ser. 7, 10: 152. 1913.***Amauropelta cocos* (A.R.Sm. & Lellinger) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77150904-1

*Thelypteris cocos* A.R.Sm. & Lellinger, Proc. Biol. Soc. Wash. 98 (4): 918. f. 3. 1985.***Amauropelta comptula* (A.R.Sm.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77150906-1

*Thelypteris comptula* A.R.Sm., Fieldiana, Bot., n.s., 29: 23. 1992.***Amauropelta conformis* (Sodi) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77150908-1

*Nephrodium conforme* Sodi, Recens. Crypt. Vasc. Quit. 45. 1883.*Thelypteris conformis* (Sodi) A.R.Sm., Fl. Ecuador 18: 37. 1983.

***Amauropelta consanguinea* (Fée) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77150910-1

*Aspidium consanguineum* Fée, Mém. Foug. 11 (Hist. Foug. Ant.): 76, t. 20, f. 3). 1866.*Thelypteris consanguinea* (Fée) Proctor, Rhodora 61 (732): 306. 1959.***Amauropelta cooleyi* (Proctor) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77150912-1

*Thelypteris cooleyi* Proctor, Rhodora 68: 468. 1966.***Amauropelta corazonensis* (Baker) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151270-1

*Nephrodium corazonense* Baker, J. Bot. 15: 163. 1877, as *carazanensis*".*Thelypteris corazonensis* (Baker) A.R.Sm., Fl. Ecuador 18: 38. 1983.***Amauropelta cornuta* (Maxon) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77150914-1

*Dryopteris cornuta* Maxon, J. Wash. Acad. Sci. 19 (12): 245. f. 1. 1929.*Thelypteris cornuta* (Maxon) Ching, Bull. Fan Mem. Inst. Biol. 10: 251. 1941.***Amauropelta correllii* (A.R.Sm.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77150916-1

*Thelypteris correllii* A.R.Sm., Fl. Ecuador 18: 39. 1983.***Amauropelta crassiuscula* (C.Chr. & Maxon) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77150917-1

*Dryopteris crassiuscula* C.Chr. & Maxon, Amer. Fern J. 23: 75. 1933.*Thelypteris crassiuscula* (C.Chr. & Maxon) Lellinger, Amer. Fern J. 67(2): 60. 1977.***Amauropelta ctenitoides* (A.R.Sm.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77150920-1

*Thelypteris ctenitoides* A.R.Sm., Fieldiana, Bot., n.s., 29: 37. 1992.***Amauropelta decrescens* (Proctor) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151271-1

*Thelypteris decrescens* Proctor, Amer. Fern J. 71(2): 57. 1981.***Amauropelta decurtata* (Link) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151422-1

*Asplenium decurtatum* Link Fil. sp. 94. 1841.***Amauropelta deflectens* (C.Chr.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77150922-1

*Dryopteris deflectens* C.Chr., Kongl. Svenska Vetenskapsakad. Handl., ser. 3, 16(2): 25, t. 3, f. 9-11. 1937.

***Amauropelta delasotae* (A.R.Sm. & Lellinger) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77150924-1

*Thelypteris delasotae* A.R.Sm. & Lellinger, Proc. Biol. Soc. Wash. 98(4): 919. f. 5. 1985.***Amauropelta demissa* (A.R.Sm.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77150926-1

*Thelypteris demissa* A.R.Sm., Fieldiana, Bot., n.s., 29: 21. 1992.***Amauropelta denudata* (C.Sánchez & Caluff) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77150928-1

*Thelypteris denudata* C.Sánchez & Caluff, Willdenowia 35: 159. 2005.***Amauropelta dodsonii* (A.R.Sm.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77150930-1

*Thelypteris dodsonii* A.R.Sm., Fl. Ecuador 18: 41. 1983.***Amauropelta dudleyi* (A.R.Sm.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77150932-1

*Thelypteris dudleyi* A.R.Sm., Fieldiana, Bot., n.s., 29: 33. 1992.***Amauropelta elegantula* (Sodirot) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77150933-1

*Nephrodium elegantulum* Sodirot, Crypt. Vasc. Quit. 243. 1893.*Thelypteris elegantula* (Sodirot) Alston, J. Wash. Acad. Sci. 48: 233. 1958.***Amauropelta enigmatica* (A.R.Sm.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77150936-1

*Thelypteris enigmatica* A.R.Sm., Fieldiana, Bot., n.s., 29: 16. 1992.***Amauropelta eriosorus* (Fée) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151278-1

*Aspidium eriosorus* Fée, Crypt. Vasc. Brésil, 2. 73. T. 101. 1873.*Thelypteris eriosorus* (Fée) Ponce (as *T. eriosora*), Novon 8: 275. 1998.***Amauropelta euchlora* (Sodirot) A.R.Sm., comb. nov.**

urn:lsid:ipni.org:names:77150938-1

*Polypodium euchlorum* Sodirot, Recens. Crypt. Vasc. Quit. 58. 1883.*Thelypteris euchlora* (Sodirot) C.F.Reed, Phytologia 17(4): 275. 1968.***Amauropelta euthytrix* (A.R.Sm.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77150940-1

*Thelypteris euthytrix* A.R.Sm., Fl. Ecuador 18: 44. 1983.

***Amauropelta exuta* (A.R.Sm.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151279-1

*Thelypteris exuta* A.R.Sm., Fl. Ecuador 18: 44. 1983.***Amauropelta fasciola* (A.R.Sm. & M.Kessler) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77150942-1

*Thelypteris fasciola* A.R.Sm. & M.Kessler, Brittonia 60 (1): 51. 2008.***Amauropelta fayorum* (A.R.Sm. & M.Kessler) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77150944-1

*Thelypteris fayorum* A.R.Sm. & M.Kessler, Brittonia 60(1): 53. 2008.***Amauropelta firma* (Baker ex Jenman) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77150946-1

*Nephrodium firmum* Baker ex Jenman., J. Bot. 17: 260. 1879.*Thelypteris firma* (Baker ex Jenman) Proctor, Bull. Inst. Jamaica, Sci. Ser. 5: 60. 1953.***Amauropelta fluminalis* (A.R.Sm.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77150948-1

*Thelypteris fluminalis* A.R.Sm., Fl. Ecuador 18: 46. 1983.***Amauropelta frigida* (Christ) A.R.Sm., comb. nov.**

urn:lsid:ipni.org:names:77150949-1

*Aspidium frigidum* Christ, Bull. Herb. Boissier, sér. 2., 6: 160. 1906.*Thelypteris frigida* (Christ) A.R.Sm. & Lellinger, Amer. Fern J. 75(1): 31. 1985.***Amauropelta funckii* (Mett.) A.R.Sm., comb. nov.**

urn:lsid:ipni.org:names:77150952-1

*Aspidium funckii* Mett., Ann. Sci. Nat., Bot., sér. 5, 2: 246. 1864.*Thelypteris funckii* (Mett.) Alston, J. Wash. Acad. Sci. 48: 233. 1958.***Amauropelta furfuracea* (A.R.Sm.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77150954-1

*Thelypteris furfuracea* A.R.Sm., Fieldiana, Bot., n.s., 29: 34. 1992.***Amauropelta furva* (Maxon) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77150956-1

*Dryopteris furva* Maxon, J. Wash. Acad. Sci. 34: 24. 1944.*Thelypteris furva* (Maxon) R.M.Tryon, Rhodora 69: 6. 1977.***Amauropelta germaniana* (Fée) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77150958-1

*Phegopteris germaniana* Fée, Mém. Foug. 11 (Hist. Foug. Ant.): 55. 1866.*Thelypteris germaniana* (Fée) Proctor, Rhodora 61: 306. 1959.

***Amauropelta glandulosolanosa* (C.Chr.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77150960-1

*Dryopteris glandulosolanosa* C.Chr., Dansk Bot. Ark. 9(3): 61. 1937.*Thelypteris glandulosolanosa* (C.Chr.) R.M.Tryon, Rhodora 69: 6. 1967.***Amauropelta glutinosa* (C.Chr.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77150962-1

*Dryopteris glutinosa* C.Chr., Kongl. Svenska Vetenskapsakad. Handl., ser. 3, 16(2): 18. 1937.*Thelypteris glutinosa* (C.Chr.) C.V.Morton, Amer. Fern J. 53(2): 66. 1963.***Amauropelta gomeziana* (A.R.Sm. & Lellinger) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77150964-1

*Thelypteris gomeziana* A.R.Sm. & Lellinger, Proc. Biol. Soc. Wash. 98(4): 921. f 6. 1985.***Amauropelta gracilentia* (Jenman) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77150965-1

*Polypodium gracilentum* Jenman, Bull. Bot. Dept. Jamaica 4. 129. 1897.*Thelypteris gracilentia* (Jenman) Proctor, Amer. Fern J. 71(2): 60. 1981.***Amauropelta gracilis* (Heward) A.R.Sm., comb. nov.**

urn:lsid:ipni.org:names:77150968-1

*Gymnogramma gracilis* Heward, Mag. Nat. Hist., n.s, 2: 457. 1838.*Thelypteris gracilis* (Heward) Proctor, Bull. Inst. Jamaica, Sci. Ser. 5: 60. 1953.***Amauropelta grayumii* (A.R.Sm.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77150970-1

*Thelypteris grayumii* A.R.Sm., Ann. Missouri Bot. Gard. 77(1): 122. f 2D-E. 1990.***Amauropelta harrisii* (Proctor) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151280-1

*Thelypteris harrisii* Proctor, Amer. Fern J. 71: 59. 1981.***Amauropelta hastiloba* (C.Chr.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77150972-1

*Dryopteris hastiloba* C.Chr., Kongl. Svenska Vetenskapsakad. Handl., ser. 3, 16(2): 20. t 4, f 4-5. 1937.***Amauropelta heineri* (C.Chr.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77150974-1

*Dryopteris heineri* C.Chr., Repert. Spec. Nov. Regni Veg. 6: 380. 1909.*Thelypteris heineri* (C.Chr.) C.F.Reed, Phytologia 17(4): 282. 1968.

***Amauropelta hutchisonii* (A.R.Sm.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77150976-1

*Thelypteris hutchisonii* A.R.Sm., Fieldiana, Bot., n.s., 29: 29. 1992.***Amauropelta hydrophila* (Fée) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77150978-1

*Phegopteris hydrophila* Fée, Mém. Foug. 11 (Hist. Foug. Ant.): 56. pl 13, f 3. 1866.*Thelypteris hydrophila* (Fée) Proctor, Rhodora 61: 306. 1959.***Amauropelta illicita* (Christ) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77150980-1

*Dryopteris illicita* Christ, Bull. Soc. Bot. Genève sér. 2, 1(5): 225. 1909.*Thelypteris illicita* (Christ) C.F.Reed, Phytologia 17(4) : 284. 1968.***Amauropelta inabonensis* (Proctor) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151281-1

*Thelypteris inabonensis* Proctor, Amer. Fern J. 75(2): 61. f 3. 1985.***Amauropelta inaequans* (C.Chr.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77150981-1

*Dryopteris euchlora* (Sodiuro) C.Chr. var. *inaequans* C.Chr., Kongel. Danske Vidensk. Selsk. Skr., Naturvidensk. Math. Afd., ser. 7, 10: 150. 1913.*Thelypteris inaequans* (C.Chr.) Lellinger, Amer. Fern J. 67(2): 60. 1977.***Amauropelta inaequilateralis* (A.R.Sm. & M.Kessler) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77150984-1

*Thelypteris inaequilateralis* A.R.Sm. & M.Kessler, Brittonia 60(1): 53. 2008.***Amauropelta insignis* (Mett.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151282-1

*Aspidium insignis* Mett., Ann. Sci. Nat., Bot., sér. 5, 2: 247. 1864.*Thelypteris insignis* (Mett.) Ching, Bull. Fan Mem. Inst. Biol. 10: 242. 1941.***Amauropelta intromissa* (C.Chr.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77150986-1

*Dryopteris intromissa* C.Chr., Kungl. Svenska Vetenskapsakad. Handl., ser. 3., 16(2): 22. t 4, f 9-10. 1937.***Amauropelta ireneae* (Brade) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77150988-1

*Dryopteris ireneae* Brade, Sellowia 17: 57. f 4. 1965.*Thelypteris ireneae* (Brade) Lellinger, Amer. Fern. J. 74(2): 60. 1984.



***Amauropelta jimenezii* (Maxon & C.Chr.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151283-1

*Dryopteris jimenezii* Maxon & C.Chr., Amer. Fern J. 4: 79. 1914.*Thelypteris jimenezii* (Maxon & C.Chr.) C.F.Reed, Phytologia 17(4): 285. 1968.***Amauropelta juergensii* (Rosenst.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77150990-1

*Nephrodium juergensii* Rosenst., Festschrift Albert von Bamberg 63. 1905.*Thelypteris juergensii* (Rosenst.) C.F.Reed, Phytologia 17(4): 286. 1968.***Amauropelta jujuyensis* (de la Sota) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77150992-1

*Thelypteris jujuyensis* de la Sota, Darwiniana 18: 222. f 3, 8c. 1973.***Amauropelta laevigata* (Mett. ex Kuhn) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77150994-1

*Phegopteris laevigata* Mett. ex Kuhn, Linnaea 36. 112. 1869.*Thelypteris laevigata* (Mett. ex Kuhn) R.M.Tryon, Rhodora 69: 6. 1967.***Amauropelta leoniae* (A.R.Sm.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77150996-1

*Thelypteris leoniae* A.R.Sm., Fieldiana, Bot., n.s., 29: 18. 1992.***Amauropelta lepidula* (Hieron.) A.R.Sm., comb. nov.**

urn:lsid:ipni.org:names:77150997-1

*Dryopteris lepidula* Hieron., Hedwigia 46. 328, t. 4, f. 4. 1907.*Thelypteris lepidula* (Hieron.) Alston, J. Wash. Acad. Sci. 48: 233. 1958.***Amauropelta longicaulis* (Baker) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151000-1

*Nephrodium longicaule* Baker, J. Bot. 19: 204. 1881.*Thelypteris longicaulis* (Baker) C.F.Reed, Phytologia 17(4): 289. 1968.***Amauropelta longipilosa* (Sodirol) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151284-1

*Nephrodium longipilosum* Sodirol, Anales Univ. Central Quito Ecuador 22(160): 103. 1908.*Thelypteris longipilosa* (Sodirol) C.F.Reed, Phytologia 17(4): 290. 1968.***Amauropelta longisora* (A.R.Sm.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151002-1

*Thelypteris longisora* A.R.Sm., Ann. Missouri Bot. Gard. 77(1): 123. f 3D-E. 1990.

***Amauropelta loreae* (A.R.Sm.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151003-1

*Thelypteris loreae* A.R.Sm., Mem. New York Bot. Gard. 88: 629–630. f 303A-E, 2004.***Amauropelta loretensis* (A.R.Sm.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151006-1

*Thelypteris loretensis* A.R.Sm., Fieldiana, Bot., n.s., 29: 30. 1992.***Amauropelta lumbricoides* (A.R.Sm. & M.Kessler) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151008-1

*Thelypteris lumbricoides* A.R.Sm. & M.Kessler, Brittonia 60(1): 54. 2008.***Amauropelta macra* (A.R.Sm.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151010-1

*Thelypteris macra* A.R.Sm., Fl. Ecuador 18: 54. 1983.***Amauropelta madidiensis* (A.R.Sm. & M.Kessler) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151012-1

*Thelypteris madidiensis* A.R.Sm. & M.Kessler, Brittonia 60(1): 54. 2008.***Amauropelta malangae* (C.Chr.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151014-1

*Dryopteris malangae* C.Chr., Kongl. Svenska Vetenskapsakad. Handl., ser. 3, 16(2): 21. t. 4(6–8). 1937.*Thelypteris malangae* (C.Chr.) C.V.Morton, Amer. Fern J. 53(2): 66. 1963.***Amauropelta melanochlaena* (C.Chr.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151285-1

*Dryopteris melanochlaena* C.Chr., Smithsonian Misc. Collect. 52(3): 384. 1909.*Thelypteris melanochlaena* (C.Chr.) C.F.Reed, Phytologia 17(4): 292. 1968.***Amauropelta mertensioides* (C.Chr.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151016-1

*Dryopteris mertensioides* C.Chr., Kongel. Danske.Vidensk. Selsk. Skr., Naturvidensk. Math. Afd., ser. 7, 4: 328, f. 50. 1907.*Thelypteris mertensioides* (C.Chr.) C.F.Reed, Phytologia 17(4): 292. 1968.***Amauropelta metteniana* (Ching) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151017-1

*Thelypteris metteniana* Ching, Bull. Fan mem. Inst. Biol. 10: 252. 1941.

***Amauropelta micula* (A.R.Sm.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151020-1

*Thelypteris micula* A.R.Sm., Fieldiana, Bot., n.s., 29: 33. 1992.***Amauropelta minima* (A.R.Sm. & M.Kessler) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151022-1

*Thelypteris minima* A.R.Sm. & M.Kessler, Brittonia 60(1): 55. 2008.***Amauropelta minutula* (C.V.Morton) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151024-1

*Thelypteris minutula* C.V.Morton, Amer. Fern J. 43(4): 173. 1953.***Amauropelta mombachensis* (L.D.Gómez) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151286-1

*Thelypteris mombachensis* L.D.Gómez, Phytologia 52(3): 155–156. 1982.***Amauropelta mortonii* (A.R.Sm.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151026-1

*Thelypteris mortonii* A.R.Sm., Amer. Fern J. 63(3): 125. f 11. 1973.***Amauropelta mosenii* (C.Chr.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151287-1

*Dryopteris mosenii* C.Chr., Kongel. Danske Vidensk. Selsk. Skr., Naturvidensk. Math. Afd., ser. 7, 4: 300. f 27. 1907.*Thelypteris mosenii* (C.Chr.) C.F.Reed, Phytologia 17(4): 294. 1968.***Amauropelta muscicola* (Proctor) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151028-1

*Thelypteris muscicola* Proctor, Rhodora 63: 33. 1961.***Amauropelta namaphila* (Proctor) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151030-1

*Thelypteris namaphila* Proctor, Amer. Fern J. 75(2): 56. f 1. 1985.***Amauropelta neglecta* (Brade & Rosenst.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151032-1

*Dryopteris neglecta* Brade & Rosenst., Bol. Mus. Nac. Rio de Janeiro 7(3): 142, t.1, f 3, t. 7. 1931.*Thelypteris neglecta* (Brade & Rosenst.) Ching, Bull. Fan Mem. Inst. Biol. Bot. 10: 253. 1941.

***Amauropelta negligens* (Jenman) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151033-1

*Nephrodium negligens* Jenman, Bull. Bot. Dept. 3: 21. 1896.*Thelypteris negligens* (Jenman) Proctor, Amer. Fern J. 71(2): 58. 1981.***Amauropelta nephelium* (A.R.Sm. & M.Kessler) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151036-1

*Thelypteris nephelium* A.R.Sm. & M.Kessler, Brittonia 60(1): 57. 2008.***Amauropelta nitens* (Desv.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151038-1

*Polypodium nitens* Desv., Mém. Soc. Linn. Paris 6: 240. 1827.*Thelypteris nitens* (Desv.) R.M.Tryon, Rhodora 69(777): 7. 1967.***Amauropelta novaeana* (Brade) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151288-1

*Dryopteris novaeana* Brade, Arq. Inst. Biol. Veg. 3: 2, t. 2, 4(4-6), 6(4-5). 1936.*Thelypteris novaena* (Brade) Ponce, Novon 8(3): 275. 1998.***Amauropelta nubicola* (de la Sota) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151040-1

*Thelypteris nubicola* de la Sota, Darwiniana 18: 225. pl 4, 8b. 1973.***Amauropelta nubigena* (A.R.Sm.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151042-1

*Thelypteris nubigena* A.R.Sm., Proc. Calif. Acad. Sci., ser. 4, 40(8): 229. f 7C. 1975.***Amauropelta oaxacana* (A.R.Sm.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151044-1

*Thelypteris oaxacana* A.R.Sm., Amer. Fern J. 63(3): 125. f 7-8. 1973.***Amauropelta ophiorhizoma* (A.R.Sm. & Lellinger) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151046-1

*Thelypteris ophiorhizoma* A.R.Sm. & Lellinger, Proc. Biol. Soc. Wash. 98(4): 925. f8. 1985.***Amauropelta oviedoae* (C.Sánchez & Zavaro) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151048-1

*Thelypteris oviedoae* C.Sánchez & Zavaro, Fontqueria 31: 225. f 2. 1991.***Amauropelta pachyrhachis* (Kunze ex Mett.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151289-1

*Aspidium pachyrhachis* Kunze ex Mett., Abh. Senckenberg. Naturf. Ges. 2: 367. 1858.*Thelypteris pachyrhachis* (Kunze ex Mett.) Ching, Bull. Fan Mem. Inst. Biol. 10: 253. 1941.

***Amauropelta paleacea* (A.R.Sm.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151049-1

*Thelypteris paleacea* A.R.Sm., Fl. Ecuador 18: 62. 1983.***Amauropelta patula* (Fée) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151052-1

*Gymnogramma patula* Fée, Crypt. vasc. Brésil 1: 59, t. 14, f. 3. 1869.***Amauropelta pavoniana* (Klotzsch) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151054-1

*Polypodium pavonianum* Klotzsch, Linnaea 20. 386. 1847.*Thelypteris pavoniana* (Klotzsch) R.M.Tryon, Rhodora 69(777): 7. 1967.***Amauropelta pelludia* (A.R.Sm. & M.Kessler) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151056-1

*Thelypteris pelludia* A.R.Sm. & M.Kessler, Brittonia 60(1): 58. 2008.***Amauropelta peradenia* (A.R.Sm.) A.R.Sm., comb. nov.**

urn:lsid:ipni.org:names:77151058-1

*Thelypteris peradenia* A.R.Sm., Ann. Missouri Bot. Gard. 77(2): 272, f. 11. 1990.***Amauropelta peruviana* (Rosenst.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151292-1

*Dryopteris peruviana* Rosenst., Repert. Spec. Nov. Regni Veg. 7: 298-299. 1909.*Thelypteris peruviana* (Rosenst.) R.M.Tryon, Rhodora 69(777): 7. 1967.***Amauropelta phacelothrix* (Rosenst.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151293-1

*Dryopteris phacelothrix* Rosenst., Repert. Spec. Nov. Regni Veg. 11: 56. 1912.*Thelypteris phacelothrix* (Rosenst.) R.M.Tryon, Rhodora 69(777): 7. 1967.***Amauropelta physematioides* (Kuhn & Christ ex Krug) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151060-1

*Aspidium physematioides* Kuhn & Christ ex Krug, Bot. Jahrb. Syst. 24: 115. 1897.*Thelypteris physematioides* (Kuhn & Christ ex Krug) C.V.Morton, Amer. Fern J. 43(4): 174. 1953.***Amauropelta piedrensis* (C.Chr.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151294-1

*Dryopteris piedrensis* C.Chr., Smithsonian Misc. Collect. 52: 372. 1909.*Thelypteris piedrensis* (C.Chr.) C.V.Morton, Amer. Fern J. 53(2): 69. 1963.

***Amauropelta pilosissima* (C.V.Morton) A.R.Sm., comb. nov.**

urn:lsid:ipni.org:names:77151062-1

*Thelypteris pilosissima* C.V.Morton, *Fieldiana, Botany* 28: 11. 1951.***Amauropelta pilosohispida* (Hook.) A.R.Sm., comb. nov.**

urn:lsid:ipni.org:names:77151421-1

*Nephrodium pilosohispidum* Hook., *Spec. Fil.* 4: 105. 1862.*Thelypteris pilosohispida* (Hook.) Alston, *J. Wash. Acad. Sci.* 48(7): 233. 1958.***Amauropelta pleiophylla* (Sehnem) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151295-1

*Dryopteris pleiophylla* Sehnem, *Fl. Illustr. Catarin.* 1(Aspid.): 245. f 61. 1979.*Thelypteris pleiophylla* (Sehnem) Ponce, *Darwiniana* 33(1-4): 270. 1995.***Amauropelta podotricha* (Sehnem) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151296-1

*Dryopteris podotricha* Sehnem, *Fl. Illustr. Catarin.* 1(Aspid.): 232. f 57. 1979.*Thelypteris podotricha* (Sehnem) Ponce, *Darwiniana* 33(1-4): 270. 1995.***Amauropelta proboscidea* (A.R.Sm.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151064-1

*Thelypteris proboscidea* A.R.Sm., *Fieldiana, Bot.*, n.s., 29: 36. 1992.***Amauropelta proctorii* (A.R.Sm. & Lellinger) A.R.Sm., comb. nov.**

urn:lsid:ipni.org:names:77151297-1

*Thelypteris proctorii* A.R.Sm. & Lellinger, *Proc. Biol. Soc. Wash.* 98(4): 925. f 9. 1985.***Amauropelta prolatipedis* (Lellinger) A.R.Sm., comb. nov.**

urn:lsid:ipni.org:names:77151298-1

*Thelypteris prolatipedis* Lellinger, *Amer. Fern J.* 67(2): 60, 1977.*Dryopteris coarctata* var. *longipes* C.Chr., *Kongel. Danske Vidensk. Selsk. Skr., Naturvidensk. Math. Afd.*, ser. 7, 4: 292. 1907.***Amauropelta ptarmiciformis* (C.Chr. & Rosenst. ex Rosenst.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151065-1

*Dryopteris ptarmiciformis* C.Chr. & Rosenst. ex Rosenst., *Repert. Spec. Nov. Regni Veg.* 12: 472. 1913.*Thelypteris ptarmiciformis* (C.Chr. & Rosenst. ex Rosenst.) C.F.Reed, *Phytologia* 17(4): 307. 1968.



***Amauropelta pteroides* (Klotzsch) A.R.Sm., comb. nov.**

urn:lsid:ipni.org:names:77151068-1

*Polypodium pteroides* Klotzsch, *Linnaea* 20: 389. 1847.*Thelypteris pteroides* (Klotzsch) R.M.Tryon, *Rhodora* 69(777): 8. 1967.***Amauropelta pusilla* (Mett.) A.R.Sm., comb. nov.**

urn:lsid:ipni.org:names:77151070-1

*Aspidium pusillum* Mett., *Ann. Sci. Nat., Bot., sér. 5*, 2: 245. 1864.*Thelypteris pusilla* (Mett.) Ching, *Bull. Fan Mem. Inst. Biol.* 10: 254. 1941.***Amauropelta raddii* (Rosenst.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151072-1

*Dryopteris raddii* Rosenst., *Hedwigia* 56: 367. 1915.*Thelypteris raddii* (Rosenst.) Ponce, *Darwiniana* 33(1-4): 266. 1995.***Amauropelta randallii* (Maxon & C.V.Morton ex C.V.Morton) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151074-1

*Thelypteris randallii* Maxon & C.V.Morton ex C.V.Morton, *Amer. Fern J.* 53(2): 69. 1963.***Amauropelta recumbens* (Rosenst.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151299-1

*Dryopteris recumbens* Rosenst., *Hedwigia* 46: 123. 1906.*Thelypteris recumbens* (Rosenst.) C.F.Reed, *Phytologia* 17: 308. 1968.***Amauropelta reducta* (C.Chr.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151076-1

*Dryopteris reducta* C.Chr., *Kongl. Svenska Vetenskapsakad. Handl., ser. 3*, 16(2): 18, t. 2, f. 1-3. 1937.***Amauropelta regnelliana* (C.Chr.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151300-1

*Dryopteris regnelliana* C.Chr., *Kongel. Danske.Vidensk. Selsk. Skr., Naturvidensk. Math. Afd., ser. 7*, 4: 284, f. 12. 1907.*Thelypteris regnelliana* (C.Chr.) Ponce, *Darwiniana* 33(1-4): 264. 1995.***Amauropelta retrorsa* (Sodiuro) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151078-1

*Nephrodium retrorsum* Sodiuro, *Recens. Crypt. Vasc. Quit.* 51. 1883.*Thelypteris retrorsa* (Sodiuro) A.R.Sm., *Fl. Ecuador* 18: 71. 1983.

***Amauropolta rheophyta* (Proctor) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151080-1

*Thelypteris rheophyta* Proctor, Amer. Fern J. 75(2): 58. f 2. 1985.***Amauropolta rigescens* (Sodiolo) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151081-1

*Nephrodium rigescens* Sodiolo, Crypt. Vasc. Quit. 239. 1893.*Thelypteris rigescens* (Sodiolo) A.R.Sm., Fl. Ecuador 18: 72. 1983.***Amauropolta rivularioides* (Fée) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151084-1

*Aspidium rivularioides* Fée, Crypt. Vasc. Brésil 1: 145, t. 50, f. 1. 1869.*Thelypteris rivularioides* (Fée) Abbiatti, Revista Mus. La Plata, Secc. Bot. 9(36-37): 19. 1958.***Amauropolta roraimensis* (Baker) A.R.Sm., comb. nov.**

urn:lsid:ipni.org:names:77151301-1

*Polypodium roraimense* Baker, Timehri 5: 214. 1886.*Thelypteris roraimensis* (Baker) C.F.Reed, Phytologia 17(4): 310. 1968.***Amauropolta rosenstockii* (C.Chr.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151086-1

*Dryopteris rosenstockii* C.Chr., Kongel. Danske.Vidensk. Selsk. Skr., Naturvidensk. Math. Afd., ser. 7, 4: 304, f. 30. 1907.*Thelypteris rosenstockii* (C.Chr.) R.M.Tryon, Rhodora 69(777): 8. 1977.***Amauropolta rosulata* (A.R.Sm. & M.Kessler) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151088-1

*Thelypteris rosulata* A.R.Sm. & M.Kessler, Brittonia 60(1): 60. 2008.***Amauropolta rudiformis* (C.Chr.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151090-1

*Dryopteris rudiformis* C.Chr., Univ. Calif. Publ. Bot. 19(9): 305. 1941.*Thelypteris rudiformis* (C.Chr.) A.R.Sm., Fl. Ecuador 18: 74. 1983.***Amauropolta rufa* (Poir.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151302-1

*Polypodium rufum* Poir., Encycl. 5: 532. 1804.*Thelypteris rufa* (Poir.) A.R.Sm. Fl. Ecuador 18: 77. 1983.***Amauropolta ruiziana* (Klotzsch) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151092-1

*Polypodium ruizianum* Klotzsch, Linnaea 20: 385. 1847.*Thelypteris ruiziana* (Klotzsch) A.R.Sm. Fieldiana, Bot., n.s. 29: 35. 1992.

***Amauropolta rupestris* (Klotzsch) A.R.Sm., comb. nov.**

urn:lsid:ipni.org:names:77151094-1

*Leptogramma rupestris* Klotzsch, Linnaea 20. 415. 1847.*Thelypteris rupestris* (Klotzsch) C.F.Reed, Phytologia 17(4): 310. 1968.***Amauropolta rupicola* (C.Chr.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151303-1

*Dryopteris rupicola* C.Chr., Repert. Spec. Nov. Regni Veg. 15: 24. 1917.*Thelypteris rupicola* (C.Chr.) Ching, Bull. Fan Mem. Inst. Biol. 10: 254. 1941.***Amauropolta rustica* (Fée) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151096-1

*Phegopteris rustica* Fée, Mém. Foug. 11 (Hist. Foug. Ant.): 55, t. 13, f. 1. 1866.*Thelypteris rustica* (Fée) Proctor, Rhodora 61(732): 306. 1959[1960].***Amauropolta sanctae-catharinae* (Rosenst.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151097-1

*Dryopteris sanctae-catharinae* Rosenst., Hedwigia 46: 126. 1906.*Thelypteris sanctae-catharinae* (Rosenst.) Ponce, Darwiniana 33(1-4): 280. 1995.***Amauropolta saxicola* (Sw.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151100-1

*Polypodium saxicola* Sw., Kongl. Vetensk. Acad. Handl. 1817: 59, t. 3, f. 5. 1817.*Thelypteris saxicola* (Sw.) C.F.Reed, Phytologia 17(4): 312. 1968.***Amauropolta scalpturoides* (Fée) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151102-1

*Phegopteris scalpturoides* Fée, Mém. foug. 11 (Hist. foug. Ant.): 51. 1866.*Thelypteris scalpturoides* (Fée) C.F.Reed, Phytologia 17(4): 312. 1968.***Amauropolta sellensis* (C.Chr.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151104-1

*Dryopteris sellensis* C.Chr., Kungl. Svenska Vetenskapsakad. Handl., ser. 3, 16(2): 24. t. 3(7-8). 1937.***Amauropolta semilunata* (Sodirol) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151106-1

*Nephrodium semilunatum* Sodirol, Recens. Crypt. Vasc. Quit. 46. 1883.*Thelypteris semilunata* (Sodirol) A.R.Sm., Fl. Ecuador 18: 79. 1983.***Amauropolta shafteri* (Maxon & C.Chr.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151304-1

*Dryopteris shafteri* Maxon & C.Chr., Amer. Fern J. 4: 77. 1914.*Thelypteris shafteri* (Maxon & C.Chr.) Duek, Adansonia, sér. 2, 11: 719. 1971 [1972].

***Amauropolta soridepressa* (Salino & V.A.O.Dittrich) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151108-1

*Thelypteris soridepressa* Salino & V.A.O.Dittrich, Amer. Fern J. 98(4): 199. f 1. 2009.

***Amauropolta steyermarkii* (A.R.Sm.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151110-1

*Thelypteris steyermarkii* A.R.Sm., Fl. Ecuador 18: 79. 1983.

***Amauropolta stierii* (Rosenst.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151305-1

*Gymnogramma stierii* Rosenst., Festschrift Albert von Bamberg 64. 1905.

*Thelypteris stierii* (Rosenst.) C.F.Reed, Phytologia 17(4): 316. 1968.

***Amauropolta straminea* (Sodirol) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151112-1

*Nephrodium stramineum* Sodirol, Recens. Crypt. Vasc. Quit. 43. 1883.

*Thelypteris chimboracensis* A.R.Sm., Fl. Ecuador 18: 34. 1993.

***Amauropolta strigillosa* (A.R.Sm. & Lellinger) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151113-1

*Thelypteris strigillosa* A.R.Sm. & Lellinger, Proc. Biol. Soc. Wash. 98(4): 927. F 10. 1985.

***Amauropolta struthiopteroides* (C.Chr.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151306-1

*Dryopteris struthiopteroides* C.Chr., Smithsonian Misc. Collect. 52(3): 388. 1909.

*Thelypteris struthiopteroides* (C.Chr.) C.F.Reed, Phytologia 17(4): 316. 1968.

***Amauropolta subscandens* (A.R.Sm.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151116-1

*Thelypteris subscandens* A.R.Sm., Ann. Missouri Bot. Gard. 77(1): 123. f 4. 1990.

***Amauropolta subtilis* (A.R.Sm.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151118-1

*Thelypteris subtilis* A.R.Sm., Fl. Ecuador 18: 80. 1983.

***Amauropolta supina* (Sodirol) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151307-1

*Nephrodium supinum* Sodirol, Crypt. Vasc. Quit. 241. 1893.

*Thelypteris supina* (Sodirol) A.R.Sm., Fl. Ecuador 18: 82. 1983.

***Amauropolta tablana* (Christ) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151120-1

*Aspidium tablanum* Christ, Bull. Herb. Boissier, sér. 2, 5: 727. 1905.*Thelypteris tablana* (Christ) A.R.Sm., Amer. Fern J. 63(3): 127. 1973.***Amauropolta tamandarei* (Rosenst.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151122-1

*Dryopteris tamandarei* Rosenst., Hedwigia 56. 365. 1915.*Thelypteris tamandarei* (Rosenst.) Ponce, Novon 8(3): 277. 1998.***Amauropolta tapantensis* (A.R.Sm. & Lellinger) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151124-1

*Thelypteris tapantensis* A.R.Sm. & Lellinger, Proc. Biol. Soc. Wash. 98(4): f 11. 927. 1985.***Amauropolta tenerrima* (Fée) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151126-1

*Aspidium tenerrimum* Fée, Crypt. Vasc. Brésil 1: 134. t 43, f 1. 1869.*Thelypteris tenerrima* (Fée) C.F.Reed, Phytologia 17(4): 319. 1968.***Amauropolta trelawniensis* (Proctor) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151308-1

*Thelypteris trelawniensis* Proctor, Amer. Fern J. 71(2): 58. 1981.***Amauropolta uncinata* (A.R.Sm.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151128-1

*Thelypteris uncinata* A.R.Sm., Fl. Ecuador 18: 86. 1983.***Amauropolta vattuonei* (Hicken) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151129-1

*Dryopteris vattuonei* Hicken, Darwiniana 1: 100. 1924.*Thelypteris vattuonei* (Hicken) Abbiatti, Darwiniana 13: 566. 1964.***Amauropolta venturae* (A.R.Sm.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151132-1

*Thelypteris venturae* A.R.Sm., Mem. New York Bot. Gard. 88: 638. f 302A-C. 2004.***Amauropolta vernicosa* (A.R.Sm. & Lellinger) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151134-1

*Thelypteris vernicosa* A.R.Sm. & Lellinger, Proc. Biol. Soc. Wash. 98(4): 929. f 12. 1985.***Amauropolta villana* (L.D.Gómez) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151136-1

*Thelypteris villana* L.D.Gómez, Rev. Biol. Trop. 17(1): 106. f 1-4. 1970.

***Amauropelta yungensis* (A.R.Sm. & M.Kessler) Salino & T.E.Almeida, comb. nov.**  
urn:lsid:ipni.org:names:77151138-1

*Thelypteris yungensis* A.R.Sm. & M.Kessler, *Brittonia* 60(1): 61. 2008.

***Amauropelta zurquiana* (A.R.Sm. & Lellinger) Salino & T.E.Almeida, comb. nov.**  
urn:lsid:ipni.org:names:77151140-1

*Thelypteris zurquiana* A.R.Sm. & Lellinger, *Proc. Biol. Soc. Wash.* 98(4): 929. f 13. 1985.

#### New combinations in *Goniopteris*

***Goniopteris abdita* (Proctor) Salino & T.E.Almeida, comb. nov.**  
urn:lsid:ipni.org:names:77151141-1

*Thelypteris abdita* Proctor, *Amer. Fern J.* 75(2): 63. f 4. 1985.

***Goniopteris abrupta* (Desv.) A.R.Sm., comb. nov.**  
urn:lsid:ipni.org:names:77151144-1

*Polypodium abruptum* Desv., *Mém. Soc. Linn. Paris* 6: 239. 1827.

*Thelypteris abrupta* (Desv.) Proctor, *Rhodora* 61: 305. 1960.

***Goniopteris alan-smithiana* (L.D.Gómez) Salino & T.E.Almeida, comb. nov.**  
urn:lsid:ipni.org:names:77151354-1

*Thelypteris alan-smithiana* L.D.Gómez, *Phytologia* 50(7): 458. 1982.

***Goniopteris amazonica* (Salino & R.S.Fernandes) Salino & T.E.Almeida, comb. nov.**  
urn:lsid:ipni.org:names:77151310-1

*Thelypteris amazonica* Salino & R.S.Fernandes, *Nordic J. Bot.* 29(5): 611. f 1-2. 2011.

***Goniopteris ancyriothrix* (Rosenst.) Salino & T.E.Almeida, comb. nov.**  
urn:lsid:ipni.org:names:77151311-1

*Dryopteris ancyriothrix* Rosenst., *Repert. Spec. Nov. Regni Veg.* 7: 305-306. 1909.

*Thelypteris ancyriothrix* (Rosenst.) A.R.Sm., *Fl. Ecuador* 18: 140. 1983.

***Goniopteris anoptera* (Kunze ex Kuhn) Salino & T.E.Almeida, comb. nov.**  
urn:lsid:ipni.org:names:77151312-1

*Aspidium anopteron* Kunze ex Kuhn, *Linnaea* 36. 113. 1869.

*Thelypteris anoptera* (Kunze ex Kuhn) C.F.Reed, *Phytologia* 17(4): 260. 1968.

***Goniopteris aureola* (A.R.Sm.) Salino & T.E.Almeida, comb. nov.**  
urn:lsid:ipni.org:names:77151148-1

*Thelypteris aureola* A.R.Sm., *Ann. Missouri Bot. Gard.* 77(1): 118. f 1D-E. 1990.



***Goniopteris beckeriana* (F.B.Matos, A.R.Sm. & Labiak) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151150-1

*Thelypteris beckeriana* F.B.Matos, A.R.Sm. & Labiak, Brittonia 62(2): 149. f 1. 2010.

***Goniopteris berlinii* (A.R.Sm.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151152-1

*Thelypteris berlinii* A.R.Sm., Novon 16: 431. 2006.

***Goniopteris bibrachiata* (Jenman) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151154-1

*Nephrodium bibrachiatum* Jenman, Gard. Chron., ser. 3, 15: 230. 1894.

*Thelypteris bibrachiata* (Jenman) Proctor, Ferns Jamaica 337. 1985.

***Goniopteris biformata* (Rosenst.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151355-1

*Dryopteris biformata* Rosenst., Repert. Spec. Nov. Regni Veg. 7: 300-301. 1909.

*Thelypteris biformata* (Rosenst.) R.M.Tryon, Rhodora 69(777): 5. 1967.

***Goniopteris blanda* (Fée) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151156-1

*Phegopteris blanda* Fée, Mém. Foug. 8: 91. 1857.

*Thelypteris blanda* (Fée) C.F.Reed, Phytologia 17(4): 264. 1968.

***Goniopteris calypso* (L.D.Gómez) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151157-1

*Thelypteris calypso* L.D.Gómez, Brenesia 8: 98. 1976.

***Goniopteris chocoensis* (A.R.Sm. & Lellinger) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151160-1

*Thelypteris chocoensis* A.R.Sm. & Lellinger, Proc. Biol. Soc. Wash. 98(4): 916. f 1. 1985.

***Goniopteris clypeata* (Maxon & C.V.Morton) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151162-1

*Dryopteris clypeata* Maxon & C.V.Morton, Bull. Torrey Bot. Club 66: 52. 1939.

*Thelypteris clypeata* (Maxon & C.V.Morton) K.U.Kramer, Acta Bot. Neerl. 18: 141. 1969.

***Goniopteris cordata* (Fée) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151164-1

*Phegopteris cordata* Fée, Mém. Foug. 5 (Gen. filic.): 244. 1852.

*Thelypteris cordata* (Fée) Proctor, Bull. Inst. Jamaica, Sci. Ser. 5: 59. 1953.

***Goniopteris costaricensis* Salino & T.E.Almeida, nom. nov.**

urn:lsid:ipni.org:names:77151356-1

*Thelypteris crenata* A.R.Sm. & Lellinger, Proc. Biol. Soc. Wash. 98(4): 919. f 4. 1985.This needs a new name in *Goniopteris* because of the prior *Goniopteris crenata* C. Presl, 1836.***Goniopteris crassipila* (Caluff & C.Sánchez) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151314-1

*Thelypteris crassipila* Caluff & C.Sánchez, Willdenowia 34: 513. 2004.***Goniopteris croatii* (A.R.Sm.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151168-1

*Thelypteris croatii* A.R.Sm., Ann. Missouri Bot. Gard. 77(1): 122. f 1A-C. 1990.***Goniopteris curta* (Christ) A.R.Sm., comb. nov.**

urn:lsid:ipni.org:names:77151170-1

*Dryopteris curta* Christ, Bull. Herb. Boissier, sér. 2, 7(4): 263. 1907.*Thelypteris curta* (Christ) C.F.Reed, Phytologia 17(4): 270. 1968.***Goniopteris dissimulans* (Maxon & C.Chr.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151172-1

*Dryopteris dissimulans* Maxon & C.Chr., Kongel. Danske Vidensk. Selsk. Skr., Naturvidensk. Math. Afd., ser. 7, 10: 215. 1913.*Thelypteris dissimulans* (Maxon & C.Chr.) C.F.Reed, Phytologia 17(4): 273. 1968.***Goniopteris equitans* (Christ) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151173-1

*Nephrodium equitans* Christ, Bull. Herb. Boissier, sér. 2, 6(2): 163. 1906.*Thelypteris equitans* (Christ) C.F.Reed, Phytologia 17(4): 275. 1968.***Goniopteris erythrothrix* (A.R.Sm.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151176-1

*Thelypteris erythrothrix* A.R.Sm., Fieldiana, Bot., n.s., 29: 59. 1992.***Goniopteris gonophora* (Weath.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151357-1

*Dryopteris gonophora* Weath., Lloydia 2: 164. f. 1(1–3). 1939.*Thelypteris gonophora* (Weath.) A.R.Sm., Ann. Missouri Bot. Gard. 77(1): 203. 1990.***Goniopteris hildae* (Proctor) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151315-1

*Thelypteris hildae* Proctor, Amer. Fern J. 75(2): 67. f 6. 1985.

***Goniopteris holodictya* (K.U.Kramer) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151316-1

*Thelypteris holodictya* K.U.Kramer, Acta Bot. Neerl. 18: 140. f. 2. 1969.***Goniopteris hondurensis* (L.D.Gómez) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151358-1

*Thelypteris hondurensis* L.D.Gómez, Phytologia 50(7): 458. 1982.***Goniopteris imitata* (C.Chr.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151317-1

*Dryopteris imitata* C.Chr., Kongl. Svenska Vetenskapsakad. Handl., ser. 3, 16(2): 29, t. 6, f. 1-4. 1937.*Thelypteris imitata* (C.Chr.) Alain, Moscosoa 3: 46. 1978.***Goniopteris indusiata* (Salino) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151182-1

*Thelypteris indusiata* Salino, Phytotaxa 156(5): 280. f 1-3. 2014.***Goniopteris jamesonii* (Hook.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151184-1

*Nephrodium jamesonii* Hook., Sp. fil. 4: 66. 1862.*Thelypteris jamesonii* (Hook.) R.M.Tryon, Rhodora 69(777): 6. 1967.***Goniopteris jarucoensis* (Caluff & C.Sánchez) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151186-1

*Thelypteris jarucoensis* Caluff & C.Sánchez, Willdenowia 34: 515. 2004.***Goniopteris killipii* (A.R.Sm. & Lellinger) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151188-1

*Thelypteris killipii* A.R.Sm. & Lellinger, Proc. Biol. Soc. Wash. 98(4): 923. f 7. 1985.***Goniopteris leonina* (Caluff & C.Sánchez) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151189-1

*Thelypteris leonina* Caluff & C.Sánchez, Willdenowia 34: 517. 2004.***Goniopteris levyi* (E.Fourn.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151359-1

*Aspidium levyi* E.Fourn., Bull. Soc. Bot. France 19: 255. 1872.*Thelypteris levyi* (E.Fourn.) C.V.Morton, Contr. U.S. Natl. Herb. 38: 37. 1967.

***Goniopteris liebmannii* (Maxon & C.V.Morton) Salino & T.E.Almeida, comb. nov.**  
urn:lsid:ipni.org:names:77151192-1

*Polypodium meniscioides* Liebm., Kongel. Danske Vidensk. Selsk. Skr., Naturvidensk. Math. Afd., ser. 5, 1: 211. 1849.

*Dryopteris liebmannii* Maxon & C.V.Morton, Bull. Torrey Bot. Club 65: 348. 1938.

*Thelypteris meniscioides* (Liebm.) C.F.Reed, Phytologia 17: 292. 1968.

The earliest species epithet, *meniscioides*, has been used already in *Goniopteris*—*G. meniscioides* Fée, a synonym of *Ampelopteris prolifera* (Retz.) Copel., a Paleotropical species.

***Goniopteris littoralis* (Salino) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151360-1

*Thelypteris littoralis* Salino, Brittonia 54(4): 332. f 1. 2002.

***Goniopteris lugubrifformis* (Rosenst.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151319-1

*Dryopteris lugubrifformis* Rosenst., Repert. Spec. Nov. Regni Veg. 7: 299. 1909.

*Thelypteris lugubrifformis* (Rosenst.) R.M.Tryon, Rhodora 69(777): 7. 1967.

***Goniopteris martinezii* (A.R.Sm.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151194-1

*Thelypteris martinezii* A.R.Sm., Mem. New York Bot. Gard. 88: 654–655. f 308I. 2004.

***Goniopteris minor* (C.Chr.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151196-1

*Dryopteris nicaraguensis* (E.Fourn.) C.Chr. var. *minor* C.Chr., Kongel. Danske Vidensk. Selsk. Skr., Naturvidensk. Math. Afd., ser. 7, 10: 252. 1913.

*Thelypteris minor* (C.Chr.) A.R.Sm., Phytologia 34(4): 232. 1976.

***Goniopteris minutissima* (Caluff & C.Sánchez) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151198-1

*Thelypteris minutissima* Caluff & C.Sánchez, Willdenowia 34: 511. 2004.

***Goniopteris montana* (Salino) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151361-1

*Thelypteris montana* Salino, Brittonia 54(4): 334. f 2D-F. 2002.

***Goniopteris multigemmifera* (Salino) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151321-1

*Thelypteris multigemmifera* Salino, Brittonia 54(4): 336. f 3. 2002.

***Goniopteris munchii* (A.R.Sm.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151200-1

*Thelypteris munchii* A.R.Sm., Amer. Fern J. 63(3): 120. f 9-10. 1973.

***Goniopteris nicaraguensis* (E.Fourn.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151202-1

*Phegopteris nicaraguensis* E.Fourn., Bull. Soc. Bot. France 19: 252. 1872.*Thelypteris nicaraguensis* (E.Fourn.) C.V.Morton, Contr. U.S. Natl. Herb. 38(2): 55. 1967.***Goniopteris nigricans* (Ekman & C.Chr.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151204-1

*Dryopteris nigricans* Ekman & C.Chr., Kongl. Svenska Vetenskapsakad. Handl., ser. 3, 16(2): 31, t. 7, f. 1-2. 1937.***Goniopteris oroniensis* (L.D.Gómez) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151325-1

*Thelypteris oroniensis* L.D.Gómez, Amer. Fern J. 68(1): 9. f 1. 1978.***Goniopteris paranaensis* (Salino) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151323-1

*Thelypteris paranaensis* Salino, Brittonia 54(4): 337. F 2A-C. 2002.***Goniopteris paucijuga* (Klotzsch) A.R.Sm., comb. nov.**

urn:lsid:ipni.org:names:77151205-1

*Aspidium paucijugum* Klotzsch, Linnaea 20: 368. 1847.*Thelypteris paucijuga* (Klotzsch) A.R.Sm., Univ. Calif. Publ. Bot. 59: 98. 1971***Goniopteris paucipinnata* (Donn.Sm.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151362-1

*Nephrodium fendleri* D.C.Eaton var. *paucipinnatum* Donn.Sm., Bot. Gaz. 12: 134. 1887.*Thelypteris paucipinnata* (Donn.Sm.) C.F.Reed, Phytologia 17(4): 302. 1968.***Goniopteris pellita* (Willd.) A.R.Sm., comb. nov.**

urn:lsid:ipni.org:names:77151324-1

*Aspidium pellitum* Willd., Sp. Pl. ed. 4. 5: 242. 1810.*Thelypteris pellita* (Willd.) Proctor & Lourteig, Bradea 5(40): 384. 1990.***Goniopteris peripae* (Sodirol) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151326-1

*Nephrodium peripae* Sodirol, Recens. Crypt. Vasc. Quit. 52. 1883.*Thelypteris peripae* (Sodirol) C.F.Reed, Phytologia 17(4): 303. 1968.***Goniopteris pilonensis* (A.R.Sm. & M.Kessler) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151210-1

*Thelypteris pilonensis* A.R.Sm. & M.Kessler, Brittonia 60(1): 58. 2008.

***Goniopteris pinnatifida* (A.R.Sm.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151212-1

*Thelypteris pinnatifida* A.R.Sm., Fl. Ecuador 18: 110. 1983.***Goniopteris praetermissa* (Maxon) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151214-1

*Dryopteris praetermissa* Maxon, Proc. Biol. Soc. Wash. 57: 20. 1944.*Thelypteris praetermissa* (Maxon) A.R.Sm., Phytologia 34(3): 232. 1976.***Goniopteris redunca* (A.R.Sm.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151216-1

*Thelypteris redunca* A.R.Sm., Ann. Missouri Bot. Gard. 77(1): 123. f 1F-H. 1990.***Goniopteris resiliens* (Maxon) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151218-1

*Dryopteris resiliens* Maxon, Field Mus. Publ. Bot. 17: 302. 1938.*Thelypteris resiliens* (Maxon) A.R.Sm., Amer. Fern J. 63(3): 121. 1973.***Goniopteris retroflexa* (L.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151327-1

*Polypodium retroflexum* L., Sp. Pl. 1089. 1753.*Thelypteris retroflexa* (L.) Proctor & Lourteig, Bradea 5(40): 385. 1990.***Goniopteris rhachiflexuosa* (Riba) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151329-1

*Thelypteris rhachiflexuosa* Riba, Amer. Fern J. 79(3): 122. f 1. 1989.***Goniopteris xrolandii* (C.Chr.) A.R.Sm., comb. nov.**

urn:lsid:ipni.org:names:77151328-1

*Dryopteris xrolandii* C.Chr., Kongel. Danske Vidensk. Selsk. Skr., Naturvidensk. Math. Afd., ser. 7, 10: 258. 1913.*Thelypteris xrolandii* (C.Chr.) R.M.Tryon, Rhodora 69: 8. 1967.***Goniopteris sapechoana* (A.R.Sm. & M.Kessler) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151220-1

*Thelypteris sapechoana* A.R.Sm. & M.Kessler, Brittonia 60(1): 60. 2008.***Goniopteris schaffneri* (Fée) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151330-1

*Nephrodium schaffneri* Fée, Mém. Foug. 8: 108. 1857.*Thelypteris schaffneri* (Fée) C.F.Reed, Phytologia 17(4): 312. 1968.

***Goniopteris schippii* (Weath.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151331-1

*Dryopteris schippii* Weath., Amer. Fern J. 25: 52. 1935.*Thelypteris schippii* (Weath.) A.R.Sm., Phytologia 34(3): 233. 1976.***Goniopteris schomburgkii* (A.R.Sm.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151221-1

*Thelypteris schomburgkii* A.R.Sm., Ann. Missouri Bot. Gard. 77(1): 202. f 1. 1990.***Goniopteris schunkei* (A.R.Sm.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151224-1

*Thelypteris schunkei* A.R.Sm., Fieldiana, Bot., n.s., 29: 63. 1992.***Goniopteris semihastata* (Kunze) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151226-1

*Aspidium semihastatum* Kunze, Linnaea 9: 91. 1834.*Thelypteris semihastata* (Kunze) Ching, Bull. Fan Mem. Inst. Biol. 10: 254. 1941.***Goniopteris semirii* (Salino & L.C.N.Melo) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151332-1

*Thelypteris semirii* Salino & L.C.N.Melo, Novon 10(1): 74. f 1A-e. 2000.***Goniopteris septemjuga* (C.Chr.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151228-1

*Dryopteris septemjuga* C.Chr., Kongl. Svenska Vetenskapsakad. Handl., ser. 3, 16(2): 32, t. 7, f. 4-5. 1937.***Goniopteris skinneri* (Hook.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151230-1

*Aspidium skinneri* Hook., Icon. Pl. 10: t. 924. 1854.*Thelypteris skinneri* (Hook.) C.F.Reed, Phytologia 17(4): 314. 1968***Goniopteris stephanii* (A.R.Sm. & M.Kessler) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151232-1

*Thelypteris stephanii* A.R.Sm. & M.Kessler, Brittonia 60(1): 61. 2008.***Goniopteris stolzeana* (A.R.Sm.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151333-1

*Thelypteris stolzeana* A.R.Sm., Phytologia 34(3): 231. 1976.***Goniopteris subsagittata* (Maxon & C.Chr.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151253-1

*Dryopteris subsagittata* Maxon & C.Chr., Kongl. Svenska Vetenskapsakad. Handl., ser. 3, 16(2): 28, t. 6, f. 5-6. 1937.



***Goniopteris tenebrica* (Jenman) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151234-1

*Nephrodium tenebricum* Jenman, J. Bot. 20: 326. 1882.*Thelypteris tenebrica* (Jenman) Proctor, Bull. Inst. Jamaica, Sci. Ser. 5: 65. 1953.***Goniopteris tryoniorum* (A.R.Sm.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151334-1

*Thelypteris tryoniorum* A.R.Sm., Fieldiana, Bot., n.s., 29: 62. 1992.***Goniopteris tuxtensis* (T.Krömer, Acebey & A.R.Sm.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151236-1

*Thelypteris tuxtensis* T.Krömer, Acebey & A.R.Sm., Amer. Fern J. 97(3): 137–139. 2007.***Goniopteris urbani* (Sodirol) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151335-1

*Polypodium urbani* Sodirol, Crypt. Vasc. Quit. 301. 1893.*Thelypteris urbani* (Sodirol) A.R.Sm., Fl. Ecuador 18: 116. 1983***Goniopteris verecunda* (Proctor) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151237-1

*Thelypteris verecunda* Proctor, Amer. Fern J. 75(2): 65. f 5. 1985.***Goniopteris yaucoensis* (Proctor) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151336-1

*Thelypteris yaucoensis* Proctor, Mem. New York Bot. Gard. 53: 208. 1989.New combinations in *Steiropteris****Steiropteris* subg. *Glaphyopteris* (Fée) A.R.Sm., comb. et stat. nov.**

urn:lsid:ipni.org:names:77151337-1

*Glaphyopteris* C.Presl ex Fée, Crypt. Vasc. Brésil, 2. 40. 1873.*Dryopteris* subg. *Glaphyopteris* (C.Presl. ex Fée) C.Chr., Biol. Arb. Til. Eug. Warming 80. 1911.*Thelypteris* subg. *Glaphyopteris* (C.Presl. ex Fée), Alston, J. Wash. Acad. Sci. 48: 234. 1958.***Steiropteris buchtienii* (A.R.Sm.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151338-1

*Thelypteris buchtienii* A.R.Sm., Univ. Calif. Publ. Bot. 76: 10. 1980.

***Steiropteris clypeolutata* (Desv.) Pic.Serm. var. *holmei* (Baker) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151240-1

*Nephrodium holmei* Baker, Ann. Bot. 5: 317. 1891.

*Thelypteris clypeolutata* (Desv.) Proctor var. *holmei* (Baker) A.R.Sm., Univ. Calif. Publ. Bot. 76: 11. 1980.

***Steiropteris comosa* (C.V.Morton) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151242-1

*Dryopteris comosa* C.V.Morton, J. Wash. Acad. Sci. 28: 528. 1938.

*Thelypteris comosa* (C.V.Morton) C.V.Morton, Amer. Fern J. 51(1): 38. 1961.

***Steiropteris decussata* (L.) A.R.Sm., comb. nov.**

urn:lsid:ipni.org:names:77151339-1

*Polypodium decussatum* L., Species Plantarum 2: 1093. 1753.

*Thelypteris decussata* (L.) Proctor, Bull. Inst. Jamaica, Sci. Ser. 5: 59. 1953.

***Steiropteris decussata* (L.) A.R.Sm. var. *brasiliensis* (C.Chr.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151340-1

*Dryopteris decussata* var. *brasiliensis* C.Chr., Kongel. Danske Vidensk. Selsk. Skr., Naturvidensk. Math. Afd., ser. 7, 10: 161. 1913.

*Thelypteris decussata* var. *brasiliensis* (C.Chr.) A.R.Sm., Univ. Calif. Publ. Bot. 76: 15. 1980.

***Steiropteris decussata* var. *costaricensis* (A.R.Sm.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151341-1

*Thelypteris decussata* var. *costaricensis* A.R.Sm., Univ. Calif. Publ. Bot. 76: 16. 1980.

***Steiropteris decussata* var. *mapiriensis* (Rosenst.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151342-1

*Dryopteris mapiriensis* Rosenst., Repert. Spec. Nov. Regni Veg. 6: 313. 1909.

*Thelypteris decussata* var. *mapiriensis* (Rosenst.) A.R.Sm., Univ. Calif. Publ. Bot. 76: 16. 1980.

***Steiropteris decussata* var. *velutina* (Sodirol) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151343-1

*Polypodium velutinum* Sodirol, Recens. Crypt. Vasc. Quit. 59. 1883.

*Thelypteris decussata* var. *velutina* (Sodirol) A.R.Sm., Univ. Calif. Publ. Bot. 76: 17. 1980.

***Steiropteris fraseri* (Mett. ex Kuhn) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151344-1

*Aspidium fraseri* Mett. ex Kuhn, Linnaea 36: 109. 1869.

*Thelypteris fraseri* (Mett. ex Kuhn) A.R.Sm., Univ. Calif. Publ. Bot. 76: 32. 1980.

***Steiropteris glandulosa* (Desv.) Pic.Serm. var. *brachyodus* (Kunze) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151256-1

*Polypodium brachyodus* Kunze, *Linnaea* 9: 48. 1834.

*Thelypteris glandulosa* var. *brachyodus* (Kunze) A.R.Sm., *Phytologia* 34: 233. 1976.

***Steiropteris glandulosa* (Desv.) Pic.Serm. var. *longipilosa* (A.R.Sm.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151345-1

*Thelypteris glandulosa* (Desv.) Proctor var. *longipilosa* A.R.Sm., *Univ. Calif. Publ. Bot.* 76: 22. 1980.

***Steiropteris hatschbachii* (A.R.Sm.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151346-1

*Thelypteris hatschbachii* A.R.Sm., *Univ. Calif. Publ. Bot.* 76: 22. 1980.

***Steiropteris hottensis* (C.Chr.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151244-1

*Dryopteris hottensis* C.Chr., *Kongl. Svenska Vetenskapsacad. Handl., ser. 3*, 16(2): 26. t 2(4-6). 1937.

*Thelypteris hottensis* (C.Chr.) A.R.Sm., *Univ. Calif. Publ. Bot.* 76: 23. 1980.

***Steiropteris leprieurii* (Hook.) Pic.Serm. var. *costalis* (Baker) A.R.Sm., comb. nov.**

urn:lsid:ipni.org:names:77151347-1

*Nephrodium costale* Baker, *Syn Fil.*, 2. 495. 1874.

*Thelypteris leprieurii* (Hook.) R.M.Tryon var. *costalis* (Baker) A.R.Sm., *Univ. Calif. Publ. Bot.* 76: 25. 1980.

***Steiropteris leprieurii* (Hook.) Pic.Serm. var. *glandifera* (A.R.Sm.) A.R.Sm., comb. nov.**

urn:lsid:ipni.org:names:77151348-1

*Thelypteris leprieurii* (Hook.) R.M.Tryon var. *glandifera* A.R.Sm., *Univ. Calif. Publ. Bot.* 76: 25. 1980.

***Steiropteris leprieurii* (Hook.) Pic.Serm. var. *incana* (Christ) A.R.Sm., comb. nov.**

urn:lsid:ipni.org:names:77151258-1

*Aspidium incanum* Christ, *Hedwigia* 44: 367. 1905.

*Thelypteris leprieurii* (Hook.) R.M.Tryon var. *incana* (Christ) A.R.Sm., *Univ. Calif. Publ. Bot.* 76: 26. 1980.

***Steiropteris leprieurii* (Hook.) Pic.Serm. var. *subcostalis* (A.R.Sm.) A.R.Sm., comb. nov.**

urn:lsid:ipni.org:names:77151349-1

*Thelypteris leprieurii* (Hook.) R.M.Tryon var. *subcostalis* A.R.Sm., *Univ. Calif. Publ. Bot.* 76: 26. 1980.

***Steiropteris mexiae* (C.Chr. ex Copel.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151246-1

*Dryopteris mexiae* C.Chr. ex Copel., Univ. Calif. Publ. Bot., 17: 32. 1932.*Thelypteris mexiae* (C.Chr. ex Copel.) Ching, Bull. Fan Mem. Inst. Biol. 10: 252. 1941.***Steiropteris parva* (A.R.Sm. & M.Kessler) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151350-1

*Thelypteris parva* A.R.Sm. & M.Kessler, Brittonia 60(1): 57. 2008.***Steiropteris pennellii* (A.R.Sm.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151351-1

*Thelypteris pennellii* A.R.Sm., Univ. Calif. Publ. Bot. 76: 28. 1980.***Steiropteris polyphlebia* (C.Chr.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151248-1

*Dryopteris polyphlebia* C.Chr., Kongel. Danske Vidensk. Selsk. Skr., Naturvidensk. Math. Afd., ser. 7, 10: 161. 1913.*Thelypteris polyphlebia* (C.Chr.) C.V.Morton, Amer. Fern J. 51(1): 38. 1961.***Steiropteris polypodioides* (Raddi) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151250-1

*Ceterach polypodioides* Raddi, Opusc. Sci. 3: 284. 1819.*Thelypteris polypodioides* (Raddi) C.F.Reed, Phytologia 7: 305. 1968.***Steiropteris seemannii* (J.Sm.) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151353-1

*Phegopteris seemannii* J.Sm., in Seem., Bot. Voy. Herald. 228. 1854.*Thelypteris seemannii* (J.Sm.) A.R.Sm., Univ. Calif. Publ. Bot. 76: 30. 1980.***Steiropteris villosa* (Link) Salino & T.E.Almeida, comb. nov.**

urn:lsid:ipni.org:names:77151252-1

*Gymnogramma villosa* Link, Hort. Berol. 2: 51. 1833.*Thelypteris villosa* (Link) C.F.Reed, Phytologia 7: 323. 1968.**Acknowledgments**

We thank the curators and the staff of the following herbaria: B, BHCB, BM, COL, F, GH, HUA, K, MO, NY, P, PMA, PR, PRC, QCA, QCNE, QPLS, S, UC, and US. Thanks also to CNPq (Conselho Nacional de Desenvolvimento Científico e Tecnológico) for productivity grants and financial support to A. Salino, and to Fapemig (Fundação de Amparo à Pesquisa do Estado de Minas Gerais) for financial support and grants. We thank the two reviewers for helpful comments.

## References

- Almeida TE, Hennequin S, Schneider H, Smith AR, Batista JAN, Ramalho AJ, Proite K, Salino A (2015) Towards a phylogenetic generic classification of Thelypteridaceae: additional sampling suggests alterations of neotropical taxa and further study of paleotropical genera. *Molecular Phylogenetic and Evolution*.
- Brade AC (1972) O gênero *Dryopteris* (Pteridophyta) no Brasil e sua divisão taxonômica. *Bradea* 1: 191–261.
- Christenhusz MJM, Zhang XC, Schneider H (2011) A linear sequence of extant families and genera of lycophytes and ferns. *Phytotaxa* 19: 7–54.
- Ching RC (1978) The Chinese fern families and genera: systematic arrangement and historical origin. *Acta Botanica Sinica* 16(3): 1–37.
- Christensen C (1907) The American species of *Dryopteris* of the group of *Dryopteris opposita*. Det Kongelige Danske Videnskabernes Selskabs Skrifter, Naturvidenskabeliger og Matematisk Afdeling, ser. 7, 4: 248–336.
- Christensen C (1913) A monograph of the genus *Dryopteris*. Part I. The tropical American pinnatifid-bipinnatifid species. Det Kongelige Danske Videnskabernes Selskabs Skrifter, Naturvidenskabelig og Mathematisk Afdeling, ser. 7, 10: 55–282.
- Christensen C (1920) A monograph of the genus *Dryopteris*. Part II. The tropical American bipinnate-decompound species. Det Kongelige Danske Videnskabernes Selskabs Skrifter, Naturvidenskabelig og Matematiske Afdeling, ser. 8, 6: 9–130.
- Copeland EB (1947) Genera Filicum. *Annales Cryptogamici et Phytopathologici* 5: 1–247.
- Fernandes RS, Yesilyurt JC, Salino A (2014) New species and combinations in *Meniscium* (Thelypteridaceae). *Phytotaxa* 184: 01–011. doi: 10.11646/phytotaxa.184.1.1
- He LJ, Zhang XC (2012) Exploring generic delimitations within the fern family Thelypteridaceae. *Molecular Phylogenetics and Evolution* 65: 757–764. doi: 10.1016/j.ympev.2012.07.021
- Holtum RE (1971) Studies in the family Thelypteridaceae III. A new system of genera in the Old World. *Blumea* 19: 2–52.
- Holtum RE (1974) Thelypteridaceae of Africa and adjacent islands. *Journal of South African Botany* 40: 123–168.
- Holtum RE (1982) Thelypteridaceae. In: *Flora Malesiana*, ser. II. Pteridophyta 1(5): 331–560. Martinus Nijhoff, The Hague.
- Matos FB, Smith AR, Labiak PH (2010) A new species of *Thelypteris* (Thelypteridaceae) from southern Bahia, Brazil. *Brittonia* 62: 149–152. doi: 10.1007/s12228-009-9121-9
- Mazumdar J, Mukhopadhyay R (2013) Nomenclatural notes on some members of Thelypteridaceae. II. *Bionature* 33: 13–34.
- Mazumdar J (2015) (2343) Proposal to conserve the name *Cyclosorus* against *Meniscium* (Thelypteridaceae). *Taxon* 64(1): 170–170. doi: 10.12705/641.9
- Mickel JT, Beitel JM (1988) Pteridophyte flora of Oaxaca, Mexico. *Memoirs of the New York Botanical Garden* 46: 1–568.
- Mickel JT, Smith AR (2004) The pteridophytes of Mexico. *Memoirs of the New York Botanical Garden* 88: 1–1054.

- Morton CV (1969) The classification of *Thelypteris*. American Fern Journal 53: 149–154. doi: 10.2307/1546152
- Pichi Sermolli REG (1977) Tentamen pteridophytorum genera in taxonomicum ordinem redigendi. Webbia 31: 315–512. doi: 10.1080/00837792.1977.10670077
- Ponce M (1987) Revisión de las Thelypteridaceae (Pteridophyta) argentinas. Darwiniana 28: 317–390.
- Ponce M (2007) Sinopsis de las Thelypteridaceae de Brasil central y Paraguay. Hoehnea 34: 283–333. doi: 10.1590/s2236-89062007000300003
- Proctor GR (1977) Pteridophyta. In: Howard RA (Ed.) Flora of the Lesser Antilles. Arnold Arboretum, Harvard University.
- Proctor GR (1985) Ferns of Jamaica: a Guide to the Pteridophytes. British Museum (Natural History), London, 631 pp.
- Proctor GR (1989) Ferns of Puerto Rico and the Virgin Islands. Memoirs of the New York Botanical Garden 53: 1–389.
- Salino A (2002) New species and combinations in *Thelypteris* subg. *Goniopteris* (Thelypteridaceae). Brittonia 54: 331–339. doi: 10.1663/0007-196X(2003)54[331:NSACIT]2.0.CO;2
- Salino A, Almeida TE (2010) Thelypteridaceae. In: Forzza RC, Baumgratz JFA, Bicudo CE de M, Canhos D, Carvalho Jr. AA, Costa A, Costa DP, Hopkins M, Leitman PM, Lohmann LG, Lughadha EN, Maia LC, Martinelli G, Menezes M, Morim MP, Nadruz M, Peixoto AL, Pirani JR, Prado J (Org) Catálogo de Plantas e Fungos do Brasil. Jardim Botânico do Rio de Janeiro, Rio de Janeiro, 562–566.
- Salino A, Fernandes RS, Pietrobon MR (2011) *Thelypteris amazonica* sp. nov. (Thelypteridaceae) from Amazonian Brazil. Nordic Journal of Botany 29: 1–4. doi: 10.1111/j.1756-1051.2011.01332.x
- Salino A, Melo LCN (2000) A new species of the fern genus *Thelypteris* (Thelypteridaceae) from Southeastern Brazil. Novon 10: 74–77. doi: 10.2307/3393190
- Salino A, Semir J (2002) Thelypteridaceae (Polypodiophyta) do Estado de São Paulo: *Macrothelypteris* e *Thelypteris* subgêneros *Cyclosorus* e *Steiropteris*. Lundiana 3: 9–27.
- Salino A, Semir J (2003) Notas sobre duas espécies de *Thelypteris* Schmidel (Thelypteridaceae – Pterophyta) do Brasil. Acta Botanica Brasilica 17: 515–521. doi: 10.1590/s0102-33062003000400004
- Salino A, Semir J (2004) *Thelypteris* subg. *Amauropelta* (Kunze) A.R. Sm. (Thelypteridaceae – Pteridophyta) no Estado de São Paulo, Brasil. Lundiana 5: 83–112.
- Salino A, Souza MGM, Arruda AJ (2014) *Thelypteris indusiata* (Thelypteridaceae), a new fern species from Amazonian Brazil. Phytotaxa 156: 279–284. doi: 10.11646/phytotaxa.156.5.3
- Sánchez C, Calluff MG, Regalado L (2006) Flora de la República de Cuba: Thelypteridaceae. Serie A. Plantas Vasculares, Fascículo 11(13): 1–124.
- Schuettpelz E, Pryer KM (2007) Fern phylogeny inferred from 400 leptosporangiate species and three plastid genes. Taxon 56: 1037–1050. doi: 10.2307/25065903
- Sehnem A (1979) Aspidiáceas. In: Reitz R (Ed.) Flora Ilustrada Catarinense. Herbário Barbosa Rodrigues, Itajaí, 1–356.

- Smith AR (1980) Taxonomy of *Thelypteris* subgenus *Steiropteris* including *Glaphyopteris* (Pteridophyta). University of California Publications in Botany 76: 1–39.
- Schreber JCD (1791) *Meniscium*. In: Linnaeus C (Ed.) Genera Plantarum. Vol II. 8 Ed. 757.
- Smith AR (1981a) Flora of Chiapas. Part 2. Pteridophytes. California Academy of Science, San Francisco, 370 pp.
- Smith AR (1981b) The genus *Thelypteris*. In: Stolze RG (Ed.) Fern and fern allies of Guatemala. Part II. Polypodiaceae. Fieldiana, Botany, new series, 6: 473–514.
- Smith AR (1983) Polypodiaceae – Thelypteridoideae. In: Harling G, Sparre B (Eds) Flora of Ecuador. Swedish Research Councils, Stockholm, 18–148.
- Smith AR (1988) *Thelypteris*. In: Mickel JT, Beitel JM (Eds) Pteridophyte flora of Oaxaca, Mexico. Memoirs of the New York Botanical Garden 46: 361–388.
- Smith AR (1990a) Thelypteridaceae. In: Kramer KU, Green PS (Eds) The Families and Genera of Vascular Plants. Springer-Verlag, Berlin, 263–272. doi: 10.1007/978-3-662-02604-5\_45
- Smith AR (1990b) New *Thelypteris* (Thelypteridaceae) from Central America. Annals of the Missouri Botanical Garden 77: 118–124. doi: 10.2307/2399631
- Smith AR (1992) Thelypteridaceae. In: Tryon RM, Stolze RG (Eds) Pteridophyta of Peru. Part III. Fieldiana, Botany, new series, 29: 1–80.
- Smith AR (1993) Thelypteridaceae. In: Görts-Van Rijn ARA (Ed.) Flora of the Guianas. Koeltz Scientific Books, Königstein, 77–126.
- Smith AR (1995a) Thelypteridaceae. In: Davidse G (Ed.) Flora Mesoamericana. Psilotaceae a Salviniaceae. Universidad Nacional Autónoma de México, México, D.F., 164–195.
- Smith AR (1995b) Thelypteridaceae. In: Berry PE, Holst BK, Yatskievych K (Eds) Flora of the Venezuelan Guayana – Pteridophytes and Spermatophytes (Acanthaceae-Araceae). Missouri Botanical Garden & Timber Press, Portland, 325–326.
- Smith AR, Cranfill RB (2002) Intrafamilial relationships of the thelypteroid ferns. American Fern Journal 92: 131–149. doi: 10.1640/0002-8444(2002)092[0131:IROTTF]2.0.CO;2
- Smith AR, Kessler M (2008) Sixteen new species of *Thelypteris* (Thelypteridaceae) from Bolivia. Brittonia 60: 49–62. doi: 10.1007/s12228-008-9003-6
- Smith AR, Lellinger DB (1985) New tropical American species of *Thelypteris* (Pteridophyta). Proceedings of the Biological Society of Washington 98: 916–930.
- Smith AR, Pryer KM, Schuettpelz E, Korall P, Schneider H, Wolf PG (2006) A classification for extant ferns. Taxon 55: 705–731. doi: 10.2307/25065646
- Smith AR, Pryer KM, Schuettpelz E, Korall P, Schneider H, Wolf PG (2008) Fern classification. In: Ranker TA, Haufler CH (Eds) Biology and Evolution of Ferns and Lycophytes. Cambridge University Press, Cambridge, 417–467. doi: 10.1017/cbo9780511541827.017
- Tryon RM, Tryon AF (1982) Fern and Allied Plants, with Special Reference to Tropical America. Springer-Verlag, Berlin, 1–857. doi: 10.1007/978-1-4613-8162-4\_1
- Vareschi V (1969) Helechos. In: Lasser T (Ed.) Flora de Venezuela. Instituto Botánico, Caracas, 473–1033.