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**RICHNESS AND DISTRIBUTION OF *SALVIA* SUBGENUS *CALOSPHERE*
(LAMIACEAE)**

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Premise of the research. *Salvia* is one of the most species-rich genera in the world. Its outstanding diversity and sub-cosmopolitan distribution have prevented the preparation of a modern comprehensive monograph and reevaluation of its classification. As phylogenetic efforts advance to untangle the evolutionary relationships of *Salvia*, the need for a solid taxonomic footing is increasingly imperative. Accordingly, we present an updated checklist of the species richness and distribution of *Salvia* subg. *Calosphere*, which constitutes more than half the diversity of the genus.

Methodology. A preliminary checklist of the species of *Salvia* subg. *Calosphere* was compiled through the examination of literature and online databases; this was revised and discussed by the authors in order to retrieve a consensus list. The distribution of each species by country or territory, as well as biome, was also recorded from the sources consulted; affinities in composition were visualized with UPGMA based on a dissimilarity matrix (Sørensen index).

Pivotal results. *Salvia* subg. *Calosphere* comprises 580 species, of which 30 were qualified as unresolved and require further analysis. The countries with highest species richness are

Mexico (295 spp.), Peru (77 spp.), Colombia (60 spp.), Brazil (58 spp.), Guatemala (49 spp.) and Ecuador (41 spp.). The affinity in species composition between countries and between biomes is explained mainly by geographical proximity.

Conclusions. The updated list of the species of *Salvia* subg. *Calosphace* will help to guide the sampling for phylogenetic analyses enabling the achievement of a more stable and solid phylogenetic hypothesis. At the same time, it is a potentially important tool to underpin discussions towards a new sectional classification of the lineage.

Keywords: American *Salvia*, big plant genera, pollination syndromes, *Salvia* richness.

Introduction

Big plant genera (those composed of more than 500 species) have been resistant to the efforts of systematists in establishing robust classifications and phylogenetic frameworks that allow further research on broad patterns in life sciences (Frodin 2004; Scotland and Wood 2012; Muñoz-Rodríguez et al. 2019). The large number of species in a genus is a major obstacle due to the large amount of time and resources that their study requires, especially if the taxon is amply distributed. The absence of modern updated checklists and monographs for most of these genera (Mabberly 2008) reflects these difficulties, so making accurate calculations of species numbers is difficult. However, as stated by Knapp et al. (2005), biodiversity lists are a synthesis of the products of scientific research, playing a role as the dynamic starting point for the efforts of the taxonomic community and are necessary for the generation of baseline data needed to achieve globally agreed targets, such as international strategies for biological conservation. At the same time, checklists are essential as tools for data cleansing when conducting biogeographical, ecological and evolutionary studies; they also constitute a preliminary baseline guide that a monographer should consider.

The genus *Salvia* L. is one of such big genera with about 1000 species (Li and Hedge 1994; Harley et al. 2004; Catalogue of Life 2019; Govaerts et al. 2019) and a subcosmopolitan distribution (Hedge 1992). It suffers from the aforementioned problems, in such a way that it lacks both an updated checklist and a modern comprehensive monograph. Bentham (1832–1836, 1848) published the last worldwide treatments of *Salvia* more than 150 years ago. Since Bentham’s contributions, the number of recognized *Salvia* species has increased about sixfold, limiting the value of his publications today. Faced with the difficulty of dealing with such a big genus, subsequent taxonomists have concentrated their efforts on working with fragments of *Salvia* diversity geographically or taxonomically demarcated. *A revision of Salvia subgenus Calosphace* (Epling 1939) has been the most significant taxonomic publication, which treats nearly half the species in the genus, all from America. In a geographical context, the revisions of African (Hedge 1974), Argentine (O’Leary and Moroni 2016), Bolivian (Wood 2007), Chinese (Li and Hedge 1994), Colombian (Wood and Harley 1989; Fernández-Alonso and Rivera-Díaz 2006), European (Hedge 1972), Iranian (Hedge 1982a), Mesoamerican (Klitgaard 2012), Peruvian (MacBride 1960), South American (Epling 1935–1937), and Turkish (Hedge 1982b) *Salvia* species stand out. There are also a multitude of less extensive publications, revisions and synopses of sections, as well as other studies that are more geographically restricted (e.g., Espejo-Serna and Ramamoorthy 1993; dos Santos 1996; Torke 2000; Ramamoorthy 2005; Turner 2009), and papers with descriptions of new species and taxonomic clarifications. A consequence of this specialized literature is that information provided is very dispersed, partial in its coverage and without uniform taxonomic criteria. Additionally, most were published by only one or few researchers, inevitably resulting in biased taxonomic

circumscriptions. Alziar (1988–1993) has already highlighted the wide dispersal and heterogeneity of the papers and systematic treatments on *Salvia*.

With regard to the checklists, the one compiled, updated and maintained by the Royal Botanic Gardens, Kew (Govaerts et al. 2019) is the most accurate reference available. Nonetheless, this is not thoroughly revised; it is still classified as “not yet reviewed” and only a few taxonomists have been involved. It is worth noting that new names are automatically retrieved from the International Plant Name Index (IPNI 2019). Alziar’s (1988–1993) list of *Salvia* synonyms is also a very useful tool, although it is currently outdated given the many new *Salvia* revisions and species that have been published subsequently.

The lack of a recent checklist and monograph for the genus has not prevented the development of different areas of research interest. Substantial advances have been made especially in terms of the phylogenetic position of *Salvia* and its internal relationships. After the traditional *Salvia* circumscription was revealed as paraphyletic (Walker et al. 2004; Walker and Sytsma 2007), expanded phylogenies and new molecular markers have helped to rearrange the genus into a monophyletic group with the inclusion of the genera *Dorystaechas* Boiss. & Hedlr., *Meriandra* Benth., *Perovskia* Kar., *Rosmarinus* L. and *Zhumeria* Rech.f. & Wendelbo (Drew et al. 2017). Even with limited sampling, it has been also possible to infer the evolution of some characters and their geographical distribution on phylogenetic trees (Fragoso-Martínez et al. 2018; Kriebel et al. 2019). A broad analysis of pollination syndromes inside the genus (Wester and Claßen-Bockhoff 2011) has also been conducted. Nonetheless, as more phylogenetic information becomes available, and more clarity regarding the evolutionary relationships between species is achieved, it is increasingly urgent to have a list of accepted taxa and their distribution that would serve as

a starting point when developing a phylogenetic scheme to replace the current *Salvia* classification.

As working with the whole diversity of *Salvia* is still a very cumbersome task, the most efficient approach might be to break the genus up into smaller and more manageable clades or species groups. Hence, we here present a thoroughly revised and updated checklist of *Salvia* L. subgenus *Calosphace* (Benth.) Epling, hereinafter referred to as *Calosphace*. The subgenus is traditionally recognized by having tridentate or entire upper calyx lips, internally exannulate corolla tubes, sub-straight upper corolla lip, patent or sub-deflexed lower corolla lip, and posterior connective branches connate and very rarely producing a sterile theca (Bentham 1832–1836, Bentham and Hooker 1876, Epling 1939). Nonetheless, these characters are not restricted to the subgenus; for example, fusion of the posterior connective is present in other subgenera, although, in *Calosphace* it appears to be caused by the fusion of epidermal hairs in the inner faces of the posterior connective branches, instead of a postgenital fusion of epidermal papillae in the posterior thecae as in other subgenera (Classen-Bockhoff et al. 2004). *Calosphace* embraces about half the species contained in the genus, and almost 95% of all native American *Salvia* species; in fact, all species of *Calosphace* are restricted to the Americas apart from a few that have been introduced to the Old World (Epling 1939; Ramamoorthy and Elliott 1993; Harley et al. 2004; Froissart 2008; Walker et al. 2015). Moreover, the species included in this group exhibit a wide array of habits, leaf morphology and inflorescence structure; flower morphology and coloration are particularly varied (fig. 1).

As already stated, there exists a revision of this subgenus with a series of subsequent supplementary notes, in which a classification of 102 sections was proposed (Epling 1939, 1940, 1941, 1944, 1947, 1951, 1960; Epling and Játiva 1963, 1966, 1968; Epling and

Mathias 1957); most of Epling's sections have been revealed to be non-monophyletic groups (Jenks et al. 2013; Fragoso-Martínez et al. 2018) and more than 100 species have been described after these former publications; hence, the sectional classification is very outdated and it will have to be re-circumscribed. To contribute to and facilitate a rearranged classification of *Salvia*, and to provide a strong taxonomic support for the research on the genus, we (1) present an updated checklist of *Calosphace*, (2) highlight the problematic taxa (those whose taxonomic status is unresolved, and consequently will require specific analyses), and (3) summarize the distribution of the species by country and biome.

Materials and Methods

The process of preparing the final list consisted of three steps: 1) the compilation of a baseline checklist, 2) a first scrutiny to identify non-unanimously accepted species, 3) a second scrutiny focused exclusively on the revision and categorization of those species identified in the previous step. The preliminary checklist of *Calosphace* species was compiled based on a review of the specialized literature (Supplementary Material 1, 2) and online databases (dos Santos 2015; Fernández-Alonso, 2018; GBIF 2018; SEINet 2018; Tropicos 2018; Govaerts et al. 2019). The taxonomic status of each taxon was carefully reviewed before adding it to the list. Epling's (1939) revision was taken as the starting point, so names already in synonymy in that publication (and not subsequently resurrected) were excluded. In contrast, some names accepted by Epling were placed in synonymy because of more recent evidence supporting such decisions. The list included the following columns: species name, author, taxonomic status (accepted taxa marked with '1', rejected taxa marked with '0'), and accepted name (for those names in synonymy). Similarly, the distribution of each species was recorded by American country or territory, and by biome,

based upon the available literature and databases. Accepted biomes follow Olson et al.'s (2001) classification and map.

In the first scrutiny, the preliminary checklist and distribution data were distributed to all the authors for review. The authors were asked to vote in respect to the acceptance or rejection of each species. The votes were compiled in a single worksheet, and where results were not unanimous, the species were set apart for a more thorough examination; they were categorized as controversial species. It should be noted that when authors were not confident in taking a decision about a particular species, abstention was allowed.

During the second scrutiny, authors were asked to give succinct arguments to support their point of view in accepting or rejecting the species classified as controversial. All the observations generated were summarized and distributed to all participants, with a request to consider the different arguments and re-evaluate and decide if each of the controversial species should be accepted, rejected or kept as unresolved. Based on these statements, a final decision was made. The taxa were classified as accepted, rejected or unresolved, if any of these categories received more than 50% of the votes; otherwise, the species were treated as unresolved.

The strategy described above was carried out in order to unite all the experience and knowledge of *Calosphace* accumulated by all the authors during their research careers. Besides, there are no clear or universal criteria for species delimitation (Mayden 1999; Hey 2006; de Queiroz 2005a, 2005b, 2007; Naomi 2011); hence, the criteria applied by different taxonomists might be distinct, sometimes diverging considerably from those of their colleagues. The differences depend on the evidence they have available and on the weight they give to each kind of evidence, so they might favor a biological, ecological, evolutionary, genetic, phenetic, or phylogenetic species definition (de Queiroz 2005a,

2005b; Wheeler 2012). The consensus approach constrains taxonomists to a much more unified and consistent delimitation, so diminishing subjective biases. Nonetheless, a morphological definition has prevailed.

The distribution of the species by each American country or territory (Supplementary Material 3) and biome (Supplementary Material 4) were also summarized. The similarity in *Salvia* composition between the different areas was assessed with UPGMA analysis based on the dissimilarity Sørensen index in R (R Core Team 2019) according to the procedures described in Borcard et al. (2018) and implementing the package *stats 3.6.1* (R Core Team 2019). Multiscale bootstrap resampling with 10 000 repetitions was calculated with the package *pvclust 2.2.0* (Suzuki and Shimodaira 2004, 2006). Only those species shared by at least two areas were considered in order to avoid artifacts promoted by the heterogeneity in species richness between the different countries/territories, and biomes.

Results

The updated checklist of the species of *Calosphace* is presented in Appendix 1, and the infraspecific taxa in Appendix 2. The species and infraspecific taxa are alphabetically arranged.

There are 702 legitimate species names in *Calosphace* that have been accepted at some point since Epling's revision (1939) prior to this paper (Supplementary Material 2). However, only 580 of these are accepted in this current paper, including 30 names that are classified as unresolved (Appendix 1). Hence, *Calosphace* is estimated to be composed of 550–580 species. Meanwhile, the infraspecific taxa consist of 63 taxa, including 47 subspecies and 16 varieties. In total, 613–643 taxa can be recognized within the subgenus.

The advancement in our knowledge of *Calosphace* is characterized by some periods of intense activity (contributions in terms of description of new species) interspersed with others with little or no activity. The periods 1830–1850, 1900–1910, 1930–1940, and 2010–2019 were the most productive in terms of the addition of new species within the subgenus, with more than 40 per decade (fig. 2). The greatest increase of about 25% took place from 1930 to 1940. In total, 116 authors have contributed to the description of species within the subgenus *Calosphace*, but the major contributors to the naming of species were Carl Epling (participating in the description of 150 species that are still accepted), G. Bentham (77 spp.), and M.L. Fernald (50 spp.).

The sections *Angulatae* Epling (52 spp.), *Uliginosae* (Epling) Epling (33 spp.), *Flocculosae* (Epling) Epling (25 spp.), *Scorodonia* (Epling) Epling (22 spp.) and *Farinaceae* (Epling) Epling (20 spp.) are the sections with the largest numbers of species, but altogether they constitute only about 26% of *Calosphace*. In contrast, 36 sections are monotypic, and 67 possess fewer than five species. However, the diversity of the different lineages comprising *Calosphace* cannot be truly evaluated until the phylogeny is resolved, since most currently accepted sections are not monophyletic.

There are native species of *Calosphace* in 42 of the 55 American countries or territories. Mexico is outstanding with 295 native species, followed by Peru (77 spp.), Colombia (60 spp.), Brazil (58 spp.), Guatemala (49 spp.), and Ecuador (41 spp.) (figs. 3, 4). Among islands, Hispaniola (Haití + Dominican Republic) with 36 species is home to the highest number of *Salvia* species, 31 of the 36 being endemic to the island, Haiti having 29 species, and the Dominican Republic 22. The country endemism exhibited by the group is of 77.72% (450 species are restricted to one country). Mexico (243), Peru (49), Brazil (42), and Colombia (37) are the countries with the greatest number of endemic species

(Supplementary Material 5). *Salvia misella* Kunth, *S. occidentalis* Sw. and *S. serotina* L. are the most widely distributed species, being found in 28–30 countries (Supplementary Materials 3, 6). *Salvia coccinea* Buc'hoz ex Etl. is also recorded from 30 countries; however, it is considered as a native species only in Mexico and the Mesoamerican region (see Klitgaard 2012 and references therein).

Three major geographical regions sharing a large amount of species that are not shared with the other regions, were identified according to the results of the UPGMA analysis: A) eastern and southern South America, B) North America, Central America and northern South America, C) Caribbean Islands together with Belize (fig. 5). The three supported by bootstrap values higher than 80. Species similarity is highest between contiguous countries as long as they share habitats favoring *Salvia* colonization.

Of the 14 different biomes present in America, four do not host native species of *Calosphace* (Supplementary Material 4): 1) Boreal Forest/Taiga, 2) Mediterranean Forests, Woodlands and Scrubs, 3) Tundra, and 4) Mangrove. In contrast, there are 241 species in the Tropical and Subtropical Coniferous Forests, 170 in the Tropical and Subtropical Moist Broadleaf Forests, 93 in the Tropical and Subtropical Dry Broadleaf Forests, and 81 in the Montane Grasslands and Shrublands (Supplementary Material 4). About 74% of the species are restricted to a single biome, all the biomes present at least one species. Tropical and Subtropical Coniferous Forests and Tropical and Subtropical Moist Broadleaf Forests are those with the highest number of restricted species, 191 and 123, respectively.

In the dendrogram produced through the UPGMA analysis, three major groups are recovered, the two first with bootstrap values higher than 80 (fig. 6). The first is made up of the following biomes: tropical and subtropical forests, tropical, subtropical and temperate grasslands, savannas and shrublands, and deserts and xeric shrublands. The second

corresponds to the temperate forests. And the last includes only the Flooded Grasslands and Savannas.

Discussion

How many *Salvia* species are there? It is still a question in need of a precise answer. However, we have obtained a more concise number for *Calosphace*, which accounts for a little more than half the diversity of the genus, and so we are getting closer to answering that question. Walker et al. (2004) estimated an approximate number of 510 species for *Calosphace*, and 900 species for the whole genus. Based on that estimate and the numbers reported here, the global total should be in the range of 940–970 species. Nonetheless, parallel research efforts are needed to be conducted to clarify *Salvia* diversity in the remaining subgenera, especially in Asia. As has happened with American *Salvia*, many new species and taxonomic realignments have been published in the other subgenera during recent decades (Dönmez 2001; Hamzaoglu et al. 2005; İlçim et al. 2009; Celep and Doğan 2010; Kahraman et al. 2011; Zhu et al. 2011; Celep et al. 2015; Akhiani et al. 2016; Drew et al. 2017; Hu et al. 2017), so an update of these geographically circumscribed taxonomic treatments is necessary. It is worth noting that the estimated *Salvia* diversity, either for the subgenus or the entire genus, remains roughly within previously suggested ranges (Standley and Williams 1973; Ramamoorthy and Elliott 1993; Li and Hedge 1994; Frodin 2004; Harley et al. 2004; Walker et al. 2004; Jenks et al. 2013).

With respect to the *World Checklist of Selected Plant Families* of the Royal Botanic Gardens, Kew (Govaerts et al. 2019), our current checklist differs by 14.98 %. There are 63 species recorded in the Kew Checklist that are lacking in ours, and 29 in ours that are missing from the Kew Checklist (Supplementary Material 7). This can be explained by our

treatment of several species as synonyms, and the additions corresponding to recently described species not yet added to Kew's checklist.

American native *Salvia* comprise 577–607 species. Of those, 550–580 belong to *Calosphace*, 19 to subg. *Audibertia* J.B. Walker, B.T. Drew & K.J. Sytsma (Walker et al. 2015), and eight to the informal group “*Heterosphace*” (Walker and Elisens 2001, Kriebel et al. 2019), including three species formerly placed in the genus *Salviastrum* Scheele (Bentham and Hooker 1876, Correl and Johnston 1970). This great diversity in the Americas makes *Salvia* (and even *Calosphace* alone) one of the most species-rich genera in the continent, placing it just below *Epidendrum* L. (1500–2400 spp.; Hágsater et al. 2016) and *Miconia* Ruiz & Pav. (1060 spp.; Almeda 2007), and in a similar position to *Carex* L. (600–700 spp.; Chater 1994; Ball and Reznicek 2002; Wheeler 2002; González-Elizondo et al. 2018), *Pleurothallis* R. Br. (550–600 spp.; Chase et al. 2015), and *Astragalus* L. (ca. 500 spp.; Barneby 1964; Gómez-Sosa 2005).

The 30 species recovered as unresolved reflect the heterogeneity in criteria used by different authors, which in turn is based on the evidence they have at hand, their own background and experience, and gaps of information. Nonetheless, an important explanation lies in the underlying inherent genetic or historical processes in some taxa that render species delimitation really difficult; for example, when there is strong phylogenetic incongruence derived from heterotachy, hidden paralogy, horizontal gene transference, hybridization, incomplete lineage sorting, and lack of variation in conventional markers resulting in unresolved phylogenies at shallow levels (Pamilo and Nei 1988; Templeton 2001; Machado and Hey 2002; Harris 2008; Maureira-Butler et al. 2008; Som 2014; Fragoso-Martínez et al. 2017). Specific studies analyzing these phenomena in *Calosphace* are lacking (Kriebel et al. 2019), and its role in the evolution of the group is only

considered marginally; however, lineage sorting or reticulate evolution have been suggested to explain the heterogeneous distribution of indels in the Uliginosae clade within *Calosphace* (Jenks et al. 2013). Circumscribing species with a broad geographical/ecological distribution combined with a continuous morphological variation is also hard. The above is exemplified by controversial cases of species delimitation such as *Salvia mocinoi* Benth., which has been circumscribed in seven different ways between 1973 to 2014, none of them widely accepted (Standley and Williams 1973; Alziar 1992; Pool 2001; Fragoso-Martínez 2011; Klitgaard 2012; González-Gallegos 2014; Govaerts et al. 2019). *Salvia mocinoi* s.l. is distributed from western Mexico (21°N) to northern Nicaragua (13°N) ranging from 30–2850 m elevation and dwelling in both temperate and tropical forests (González-Gallegos et al. 2014). *Salvia carnea* Kunth, *S. languidula* Epling, *S. lavanduloides* Kunth, *S. longispicata* M. Martens & Galeotti, *S. melissodora* Lag., *S. microphylla* Kunth, *S. prunelloides* Kunth, *S. tiliifolia* Vahl, and its respective allies, present similar issues.

The sections *Angulatae* and *Lavanduloideae* Epling are those with most species classified as unresolved, each one with six. Section *Angulatae* is clearly polyphyletic with its species distributed in at least 8 different clades across core *Calosphace* (Fragoso-Martínez et al. 2018), with only about 31% of the species phylogenetically analyzed. The unresolved species of this section can be accommodated in three groups, (1) those species fitting into a morphological gradient between *Salvia longispicata* and *S. roscida* Fernald (*S. fluviatilis* Fernald and *S. xalapensis* Benth.), (2) species differentiated with difficulty from *S. languidula* (*S. fusca* Epling and *S. prasiifolia* Benth.), and (3) those that are part of a morphological complex around *S. leptostachys* Benth. and *S. tiliifolia* Vahl (*S. rhyachophylla* Epling and *S. psylophylla* Epling). *Salvia* sect. *Angulatae* represents a major

challenge considering it is the most diverse group and one of the most widely distributed, from southern United States to Argentina and including the Caribbean Islands. It is crucial to increase the representation of *Angulatae* species in phylogenetic analyses to clarify unresolved species.

Meanwhile, although the 14 species of sect. *Lavanduloideae* have already been phylogenetically analyzed (Fragoso-Martínez 2014; Fragoso-Martínez et al. 2018), the low support and resolution of several of the internal branches, the lack of variation due to the recent origin of the group, and the ambiguous or labile morphological delimitation of some of the species explain why several species are unresolved (Fragoso-Martínez 2014). It is hypothesized that the species in this section are undergoing an active or incipient diversification process in which several of the taxa could be receiving some level of gene transfer from *S. lavanduloides*, particularly, because up to three species have been reported to coexist and bloom synchronously, and considering they are very similar in floral morphology, gene flow would not be prevented by physical constrictions; however, the putative hybridization needs to be tested (Fragoso-Martínez 2014). Gene exchange might be facilitated because the similar corolla structure in species of the section, all of them conforming to a melittophilous syndrome (Wester and Claßen-Bockhoff 2011). However, it is necessary to explore more informative markers, large-scale sequencing data (Fragoso-Martínez et al. 2017), and multifaceted integrative approaches including morphometrics, niche modelling, phylogeographic analyses and population genetics (Templeton 2001; Sites and Marshall 2003, 2004; Ruiz-Sánchez and Sosa 2010; Sistrof et al. 2013; Medrano et al. 2014; Li et al. 2019), to untangle species delimitation and to either support or refute the hypothesis of incipient diversification.

The other outstanding case of species recognition controversy involves *Salvia carnea* and morphologically similar species. Wood and Harley (1989) treated seven names as synonyms and one as a variety of *S. carnea*. Fernández-Alonso (2003) erected one of the varieties of *S. carnea* to specific level as *Salvia sciaphila* (J.R.I. Wood & Harley) Fern. Alonso. He suggested that this can be distinguished from *S. carnea* by the larger, pendulous corollas, the lower lip scarcely patent, corresponding to an ornithophilous pollination syndrome instead of the melittophilous pattern observed in *S. carnea*. Klitgaard (2012) provisionally resurrected *S. gracilis* Benth. and *S. iodochroa* Briq., and transferred some of the synonyms of *S. carnea* recognized by Wood and Harley (1989) to the synonymy of *S. gracilis*, and synonymized *S. carnea* var. *punicans* (Epling) J.R.I. Wood & R. Harley with *S. carnea*. González-Gallegos and Gama-Villanueva (2013) resurrected *S. punicans* Epling, and synonymized *S. gracilis* and *S. myriantha* Epling with *S. carnea*; *S. punicans* is supported at the specific level by several floral characters that fit an ornithophilous pollination pattern instead of a melittophilous one.

The constant changes in taxonomic interpretation in *Salvia carnea* group clearly indicate its great complexity and the difficulty in unambiguous differentiation of the species. Epling (1939) invoked differences mainly in corolla tube length, while vegetative characters in contrast were very conserved between species. However, corolla length is quite variable in most of the taxa involved. Although the species in *Salvia* sect. *Carnea* can be grouped in general into three categories according to corolla size (short, intermediate and long), this probably does not preclude genetic flow between them because the species in each group sometimes present flowers of similar size to the others. Hence, it is possible that because of the occasional overlap in corolla length, there is also an overlap in pollinators, which in turn would maintain a level of gene transfer between the different

taxa, slowing down any incipient process of diversification due to the homogenization effects of genetic flow. In fact, there are no incompatibility mechanisms identified in *Salvia*. However, in some regions, for example the Cordillera Oriental in Colombia, there are sympatric populations of several of the taxa involved in which potential hybridization apparently has not been detected (Fernández-Alonso 2003; Fernández-Alonso, pers. obs.). In addition, the ecological and geographical disjunction between morphologically analogous species, for example *Salvia punicans* (Mexico) and *S. sciaphila* (Colombia), would suggest these arose from different diversification processes. *Salvia* sect. *Carneae* could be an example of a syngameon (the more inclusive system of interbreeding populations in a hybrid swarm; i.e., a group of species or semi-species hybridizing) (Lotsy 1925; Grant 1971), a hypothesis that should be evaluated with genetic analyses, and this ultimately would enable resolution of this group. A detailed study of the pollination and habitats of a wider representation of the populations of this complex over its complete geographical range is needed but this implies a considerable amount of field work.

Other controversial species that might be subject to an incipient speciation process, similar to that hypothesized for *Salvia carnea* and *S. lavanduloides*, are *S. assurgens* Kunth, *S. melissodora*, *S. microphylla*, and *S. prunelloides*. The three last have a wide distribution in Mexico, ranging from the northwest (Chihuahua) and northeast (Tamaulipas) to the south (Chiapas or Oaxaca). *Salvia microphylla* is even present in the southern United States (Martínez-Gordillo et al. 2017), and shows ample morphological variation. *Salvia assurgens* (including *S. prunifolia* Fernald) is known from two regions, southern Sierra Madre Occidental (Durango, Jalisco, Nayarit, Sinaloa, and Zacatecas) and the western Trans-Mexican Volcanic Belt (Estado de México, Guanajuato, and Michoacán) (González-Gallegos et al. 2016; Martínez-Gordillo et al. 2017). Although there is a subtle distinction

in leaf and calyx shape between *S. assurgens* and *S. prunifolia*, the only strong and clear difference between them is the corolla color, white in the first and blue to sky blue with white tube and nectar guides in the second. Additionally, *S. assurgens* belongs to the second geographical area mentioned above, and *S. prunifolia* to the first. Corolla color alone is a very weak character, so it is unclear whether *S. prunifolia* should be treated as a variety of *S. assurgens*. Attempts have been made to distinguish *Salvia ramosa* Brandegee and *S. variana* Epling (even including *S. dugesii*) from *S. melissodora* based on smaller leaves (Epling 1939) and different kinds of hair on the calyx (glandular-capitate and simple hairs in *S. melissodora*, and dendritic [branched] hairs in the others (Olvera-Mendoza et al. 2017); however, such characters are variable in *S. melissodora*, which can present leaves as small as those characterizing the former species, and the indumentum variation in *S. melissodora* also overlaps with that of the other two species (González-Gallegos et al. 2016). *Salvia microphylla* and *Salvia prunelloides* are differentiated from *S. modica* Epling, and *S. glechomifolia* Kunth, respectively, by the leaf shape and indumentum; nevertheless, these characters are not stable, rather seem to vary under the influence of ecological conditions (González-Gallegos et al. 2016; González-Gallegos, pers. obser.). Clarifying the taxonomic situation of the taxa involved here would require detailed studies with a thorough examination of the morphological and genetic variation at population level.

Moreover, it would be possible to clarify the taxonomic status of other species treated as controversial if more specimens were available to better understand their morphological variation and circumscription. This is the case for *S. darcyi* J Compton, *S. erythrostephana* Epling, *S. festiva* Epling, *S. glandulifera* Cav., and *S. inornata* Epling, all of them known only from the type specimens and some few additional collections. Hence,

it is essential to encourage botanical exploration to secure additional herbarium collections of these species.

It is important to emphasize that species are not static entities, but are subject to a multitude of ecological pressures, genetic phenomena and historical processes, which means that not all the *Salvia* treated here are at the same evolutionary stage (Chambers 2012). Therefore, the exercise of identifying the unresolved species helps to make evident such differences and to define research priorities, at the same time contributing to the congruence between the classification of one taxon and its evolutionary history.

The periods with a greatest increase in our knowledge of the diversity of *Calosphace* are explained by the projects active at that time. Thus, 1830–1850 corresponds to the most active and productive period of G. Bentham, through the publication of *Labiatarum genera et species* and his contribution to the Labiatae of De Candolle's Prodrumus (Bentham 1832–1836, 1848). Then, 1900–1910 encompasses the contributions made by M.L. Fernald with *A synopsis of the Mexican and Central American species of Salvia* (Fernald 1900a, 1900b, 1904, 1907, 1910). The greatest increase comes from Epling's revision of *Salvia* subg. *Calosphace* (1939). And finally, the current decade exhibits again a modest increase with the description of more than 40 new species as a result of collaborative efforts by several researchers as well as ongoing local flora projects. As shown in figure 2, the increase in the description of species of the subgenus has not yet stabilized. The rate of addition of new species ranges from 6.6–8% in the last two decades, so it is probable that some new species will be added eventually to the checklist of *Calosphace*.

The relatively high species richness of *Calosphace* in the floras of Brazil, Colombia, Ecuador, Mexico and Peru (figs. 3, 4) is not surprising as they have been consistently

identified among the countries with the highest diversity of seed plants worldwide and with many endemic plants (Groombridge 1992; Brako and Zarucchi 1993; Govaerts 2003; Morawetz and Raeding 2007; Rangel-C. 2015; Villaseñor 2016). Most of the territory of these countries lies within the Neotropics, which is the biogeographical region with more species of seed plants than any other (Gentry 1982; Antonelli and Sanmartín 2011). Several factors have been adduced to explain the greater richness of Neotropics which are closely related to the global latitudinal pattern of species richness; these include a tropical conservatism hypothesis, long continuous time available for diversification, higher productivity, higher spatial heterogeneity, larger area, and less hostile seasonality effects (McArthur 1975; Currie 1991; Currie and Paquin 1987; Gould and Walker 1997; Rosenzweig 2003; Stephens and Wiens 2003; Wiens and Donoghue 2004; Begon et al. 2006; Mittelbach et al. 2007; Antonelli and Sanmartín 2011; Hawkins et al. 2011). However, none of these factors alone can provide a satisfactory and convincing explanation as the unique histories and geographical position of each region, as well as the biological interactions play a major role in the biota assemblages (Latham and Ricklefs 1993; Mittelbach 2007). Interdisciplinary collaboration, improved sampling and dated phylogenies are much needed to propose and corroborate more integrative hypotheses (Antonelli and Sanmartín 2011). In regard to biological interactions, for example, the diversification of *Salvia* in Mexico, and then in Central and South America can also be understood as a history of adaptation to pollinators and new habitats (Kriebel et al. 2019). For South American countries and Mexico, the orogenic history probably has extensively contributed to the diversification of *Salvia*, particularly the formation of the Andean Cordillera and the Mexican mountain ranges (Sierra Madre Occidental, Sierra Madre Oriental, Sierra Madre del Sur, Trans-Mexican Volcanic Belt and the higher lands of

Chiapas), respectively. The uplift of these mountain systems undoubtedly increased spatial heterogeneity, and favored dispersal of some lineages along a North-South corridor, while isolating others, resulting in a series of linked events that led to speciation processes (Hoorn et al. 2010; Antonelli and Sanmartín 2011; Mastretta-Yanes et al. 2015). Particularly, the uplift of the Andean Cordillera has already been hypothesized to explain the diversification of South American representatives of *Calosphace* acting as a species pump and biotic corridor, as well as a territory with increasing habitat heterogeneity (Fragoso-Martínez et al. 2018). The role of spatial heterogeneity in terms of orography and habitats has also been postulated as the potential trigger for an adaptive radiation in the species of the sections *Angulatae*, *Purpurea* (Epling) Epling and *Rubescentes* (Epling) Epling from the Colombian Andes (Fernández-Alonso 2003; Fernández-Alonso and Rivera 2006), combined with hybridization events (Fernández-Alonso 2002, 2008).

The diversity of Mexican *Salvia* far exceeds that of other countries. Thus, it is necessary to understand the peculiarities of Mexican orography that promote such diversity. Perhaps the main factor is that the territory of Mexico comprises several mountain ranges which form the largest part of the area in which the Nearctic and Neotropical biogeographic realms collide, forming a transitional zone in which species of both realms can thrive together (Morrone 2005, 2010, 2014). Considering that Mexican *Salvia* appear to display greater diversity in montane areas (Ramamoorthy and Elliott 1993) and that biotic transitional zones are subject to intense biological interactions (Ruggiero and Ezcurra 2003), this could have accelerated *Salvia* speciation. Another prime event is the Great American Biotic Interchange during which the Mexican flora was enriched with the addition of immigrant plants both from the north (temperate elements) and the south (tropical elements); given that the immigration took place gradually in a gradient towards

the newly colonized areas, Mexico benefited more than other countries being in a geographical intermediate position in respect to the Panama land bridge and by having extensive mountain areas which provided suitable habitats for temperate plants (Gentry 1982, Burnham and Graham 1999, Graham 1999). Additionally, the historical role of Mexico as a refuge for Holarctic Flora during the Pleistocene glaciations (Rzedowski 1965, 1978) could have provided temporal stability for *Salvia* diversification. Hence, an amalgam and interaction of the factors and historical context already mentioned would have made Mexican territory an evolutionary laboratory in which many lineages evolved producing a diverse endemic flora (Rzedowski 1993; Villaseñor 2016), together with a significant portion of Nearctic and Neotropical elements. In fact, Mexico is supported as the center of origin and principal center of diversification of *Calosphaea* (Jenks et al. 2013; Fragoso-Martínez et al. 2018; Kriebel et al. 2019), which would have provided greater opportunities for multiple speciation events than elsewhere in Central and South America.

Among the Caribbean Islands, the Greater Antilles (Cuba, Dominican Republic, Haiti, Jamaica, and Puerto Rico) are those harbouring a higher number of species (figs. 3, 4). Altogether they have 50 species, 41 one of these are endemic to the region (i.e., about 80%). This might be partially explained because these islands are much larger than the other islands, and at the same time, they possess a more heterogeneous topographic relief. Particularly, Hispaniola stands out for its richness and unique *Salvia* composition (36 spp., 86% endemic), this could have been favored by a complex history of more than one introduction with both Mexican and Andean ancestors, as suggested by Zona et al. (2016). Additionally, a biogeographic node has been identified in Hispaniola (Echeverry and Morrone 2013), which can be understood as a complex biotic and tectonic convergence, an evolutionarily very active area (Heads 2004).

The groups of countries recovered by the UPGMA analysis are mostly congruent with geographic distance, so neighbouring countries are similar in the composition of their flora (fig. 5). Only Bolivia and the United States slightly deviate from this general pattern. It might be expected that the United States would be closer to Mexico instead of a group composed of Mesoamerican countries; however, this was not recovered because the United States has a markedly lower *Salvia* diversity than the other countries, hence the number of species that it shares with Mexico is much lower than those that Mexico shares with the other Mesoamerican countries (Supplementary Material 6). A similar situation explains why Bolivia is not similar to Peru as only 11 of its 28 species of *Salvia* are also found in Peru (Supplementary Material 6). Additional to the geographical proximity, the predominance of mountainous terrain and shared continuous patches of habitats or ecoregions also has a major role in the similarity of *Salvia* composition between countries. This helps to explain why Brazil is grouped with Paraguay and Uruguay instead of Colombia or Peru; the country lacks of mountain ranges, it is dominated by lowlands and it mainly shares with Colombia and Peru the tropical rain forests, a habitat in which *Salvia* is poorly represented. Although, biological information about species composition by country is limited, a close correspondence with the bioregionalization of the Neotropical region postulated by Morrone (2014) can be demonstrated: group C (Caribbean Islands and Belize) corresponds to the Antillean subregion; group B (specifically Central America and northern South America) mirrors part of both American transition zones and two domains (Mesoamerican and Pacific) of the Brazilian subregion; group A (eastern and southern South America) corresponds to the Chaco subregion. Hence, the groups retrieved can be useful as a baseline for the organization of species by geographical criteria, for example, when preparing an identification key for the whole subgenus, or in the planning of

conservation strategies. At the same time, it represents a first look into the geographical structure of species in the subgenus, which in turn can be substantially improved with more intensive biogeographical analyses.

The three biomes with the highest number of *Salvia* species geographically coincide with the countries encompassing the highest richness. The Tropical and Subtropical Coniferous Forest biome is the one with most species, more than half the biome is found in Mexico with the rest in the north of Central America. The Tropical and Subtropical Moist Broadleaf Forest biome also includes part of Mexico and Central America, but primarily northern South America, including large portions of the species rich countries, Colombia, Ecuador, and Peru. Finally, the Montane Grassland and Shrubland biome corresponds to the higher land in the Andes Cordillera, where a large proportion of the endemic *Salvia* species from Bolivia, Ecuador and Peru are concentrated. Moreover, similarly to the patterns exhibited by the countries, the biomes are more similar in the composition of *Salvia* species to those geographically closer (fig. 6).

The present contribution constitutes a valuable tool to improve and guide sampling representation in phylogenetic studies of *Calosphace*, as well as for identifying subgroups whose evolutionary history is crucial in understanding the complete evolution of the subgenus. It is an indispensable nomenclatural tool for use in restructuring the sectional classification of this *Salvia* lineage based on phylogenetic research, and in the context of natural resource management, the checklist is also useful for horticulturalists working on this genus of considerable horticultural importance and also for conservation studies.

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Literature cited

- Akhani H, R Khosharavesh, M Malekmohammadi 2016 Taxonomic novelties from Irano-Turanian region and NE Iran: *Oreosalsola*, a new segregate from *Salsona* s.l., two new species in *Anabasis* and *Salvia*, and two new combinations in *Caroxylon* and *Seseli*. *Phytotaxa* 249:159–180.
- Almeda F 2007 Melastomataceae. Pages 394–574 in BE Hammel, MH Grayum, C Herrera, N Zamora eds. *Manual de plantas de Costa Rica Vol. VI Dicotiledóneas (Haloragaceae-Phytolaccaceae)*. Missouri Botanical Press, St. Louis.
- Alziar G 1988–1993 Catalogue synonymique des *Salvia* L. du monde (Lamiaceae) I–IV. *Biocosme Mesogéen* 5: 87–136; 6: 79–115, 163–204; 7: 59–109; 9: 413–497; 10: 33–117.
- Antonelli A, I Sanmartín 2011 Why are there so many plant species in the Neotropics? *Taxon* 60:403–414.
- Ball PW, AA Reznicek 2002 *Carex* Linnaeus. Pages 254–573 in PW Ball, K Gandhi, RW Kiger, D Murray, JL Zarucchi, AA Reznicek, JL Strother eds. *Flora of North America North of Mexico Vol. 23*. Oxford University Press, New York.
- Barneby RC 1964 Atlas of North American *Astragalus*. *Mem New York Bot Gard* 13:1–1188.

- Begon M, CR Townsend, JL Harper 2006 Ecology, from individuals to ecosystems 4th edition. Blackwell Publishing, Oxford.
- Bentham G 1832–1836 Labiatarum genera et species. Ridgeway, London.
- Bentham G 1848 Labiatae. Pages 29–603 in A De Candolle, ed. Prodrromus systematis naturalis regni vegetabilis. Victor Masson, Paris.
- Bentham G, JD Hooker 1876 Genera plantarum 2. Reeve & Co., London.
- Borcard D, F Gillet, P Legendre 2018 Numerical ecology with R. Springer, Cham.
- Brako L, JL Zarucchi 1993 Catalogue of the flowering plants and gymnosperms of Peru. Missouri Botanical Garden, St. Louis.
- Burnham RJ, A Graham 1999 The history of Neotropical vegetation: new developments and status. Ann Missouri Bot Gard 86:546–589.
- Catalogue of Life 2019 Catalogue of Life. Accessed March 6, 2019.
<http://www.catalogueoflife.org/col/browse/tree?60d25775f777cf667046e483e4c0c348>
- Celep F, M Doğan 2010 *Salvia ekimiana* (Lamiaceae), a new species from Turkey. Ann Bot Fenn 47:63–66.
- Celep F, T Dirmenci, Ö Güner 2015 *Salvia hasankeyfense* (Lamiaceae), a new species from Hasankeyf (Batman, South-eastern Turkey). Phytotaxa 227:289–294.
- Chambers G 2012 The species problem: seeking new solutions for philosophers and biologists. Biol Philos 27:755–765.
- Chase MW, K Cameron, J Freudenstein, AM Pridgeon, G Salazar, C van den Berg, A Schuiteman 2015 An updated classification of Orchidaceae. Bot J Linn Soc 177:151–174.

- Chater AO 1994 *Carex* L. Pages 464–473 in G Davidse, M Sousa Sánchez, AO Chater eds. Flora Mesoamericana Vol. 6 Alismataceae a Cyperaceae. Universidad Nacional Autónoma de México, Mexico City.
- Classen-Bockhoff R, M Crone, E Baikova 2004 Stamen development in *Salvia* L.: homology reinvestigated. *Int J Plant Sci* 165:475–498.
- Correll DS, MC Johnston 1970 Manual of the vascular plants of Texas. Texas Research Foundation, Menasha.
- Currie DJ 1991 Energy and large-scale patterns of animal and plant species richness. *Amer Naturalist* 137:27–49.
- Currie DJ, V Paquin 1987 Large-scale biogeographical patterns of species richness in trees. *Nature* 39:326–327.
- de Queiroz K 2005a A unified concept of species and its consequences for the future taxonomy. *Proc Calif Acad Sci* 56:196–215.
- de Queiroz K 2005b Different species problems and their solution. *BioEssays* 27.12:1263–1269.
- de Queiroz K 2007 Species concepts and species delimitation. *Syst Biol* 56:879–886.
- Dönmez AA 2001 A new turkish species of *Salvia* L. (Lamiaceae). *Bot J Linn Soc* 137:413–416.
- dos Santos EP 1996 Révision de la section *Rudes* (Benth.) Epling du genre *Salvia* L., sous-genre *Calosphace* (Benth.) Benth. (Labiatae). *Candollea* 51: 19–57.
- dos Santos EP 2015 *Salvia* in Lista de espécies da flora do Brasil. Jardim Botânico do Rio de Janeiro. Accessed November 1, 2018.
<http://floradobrasil.jbrj.gov.br/jabot/floradobrasil/FB8296>

- Drew BT, JG González-Gallegos, CL Xiang, R Kriebel, CP Drummond, JB Walker, KJ Sytsma 2017 *Salvia* united: The greatest good for the greatest number. *Taxon* 66:133–145.
- Echeverry A, JJ Morrone 2013 Generalized tracks, area cladograms and tectonics in the Caribbean. *J Biogeogr* 40:1619–1637.
- Epling C 1935–1937 Synopsis of the South American Labiatae. *Repert Spec Nov Regni Veg* 85:1–341.
- Epling C 1939 A revision of *Salvia* subgenus *Calosphace*. *Repert Spec Nov Regni Veg* 110:1–383.
- Epling C 1940 Supplementary notes on American Labiatae. *Bull Torrey Bot Club* 67:509–534.
- Epling C 1941 Supplementary notes on American Labiatae II. *Bull Torrey Bot Club* 68:552–568.
- Epling C 1944 Supplementary notes on American Labiatae III. *Bull Torrey Bot Club* 71:484–497.
- Epling C 1947 Supplementary notes on American Labiatae IV. *Bull Torrey Bot Club* 74:512–518.
- Epling C 1951 Supplementary notes on American Labiatae V. *Brittonia* 7:129–142.
- Epling C 1960 Supplementary notes on American Labiatae VII. *Brittonia* 12:140–150.
- Epling C, CD Játiva 1963 Supplementary notes on American Labiatae VIII. *Brittonia* 15:366–376.
- Epling C, CD Játiva 1966 Supplementary notes on American Labiatae IX. *Brittonia* 18:255–265.

Epling C, CD Játiva 1968 Supplementary notes on American Labiatae X. *Brittonia* 20:295–313.

Epling C, ME Mathias 1957 Supplementary notes on American Labiatae VI. *Brittonia* 8:297–313.

Espejo-Serna A, TP Ramamoorthy 1993 Revisión taxonómica de *Salvia* sección *Sigmoideae* (Lamiaceae). *Acta Bot Mex* 23:65–102.

Fernald ML 1900a A synopsis of the Mexican and Central American species of *Salvia*. *Contr Gray Herb* 19:489–556.

Fernald ML 1900b Some undescribed Mexican phanerogams, chiefly Labiatae and Solanaceae. *Proc Amer Acad Arts* 35:562–573.

Fernald ML 1904 Some new species of Mexican and Nicaraguan dicotyledons. *Proc Amer Acad Arts* 40:52–57.

Fernald ML 1907 Diagnoses of new spermatophytes from Mexico. *Proc Amer Acad Arts* 43:61–68.

Fernald ML 1910 New and little known Mexican plants, chiefly Labiatae. *Proc Amer Acad Arts* 45:415–422.

Fernández-Alonso JL 2002 Algunos patrones de distribución y endemismo en plantas vasculares de los páramos de Colombia. Pages 213–240 in CA Jaramillo, C Castaño-Urbe, F Arjona-Hincapié, JV Rodríguez, CL Durán, eds. *Memorias del Congreso Mundial de Páramos, Tomo I*. Ministerio de Medio Ambiente, Bogotá.

Fernández-Alonso JL 2003 Estudios en Labiatae de Colombia IV Novedades en *Salvia* y sinopsis de las secciones *Angulatae* y *Purpureae*. *Caldasia* 25:235–281.

Fernández-Alonso JL 2008 Estudios en Labiatae VII Hibridación en el género *Salvia* en Colombia y su interés horticultural. *Caldasia* 30:21–48.

Fernández-Alonso JL 2018 *Salvia* L. in Bernal R, SR Gradstein, M Celis, eds. Catálogo de las plantas y líquenes de Colombia. Instituto de Ciencias Naturales, Universidad Nacional de Colombia, Bogotá. Accessed November 1, 2018.

<http://catalogoplantasdecolombia.unal.edu.co>

Fernández-Alonso JL, O Rivera-Díaz 2006 Las labiadas (familia Labiatae). Pages 385–582 in G Galeano, García N, ed. Libro Rojo de las plantas de Colombia 3. Instituto Alexander von Humboldt, Instituto de Ciencias de la Universidad Nacional de Colombia, Ministerio de Ambiente, Vivienda y Desarrollo Territorial, Bogotá.

Fragoso-Martínez I 2011 Revisión taxonómica de la sección *Membranaceae* del género *Salvia* en México. Universidad Nacional Autónoma de México, Mexico City.

Fragoso-Martínez I 2014 Análisis filogenético del complejo *Salvia lavanduloides* Kunth (Lamiaceae). Universidad Nacional Autónoma de México, Mexico City.

Fragoso-Martínez I, GA Salazar, M Martínez-Gordillo, S Magallón, L Sánchez-Reyes, EM Lemmon, AR Lemmon, F Sazatornil, C Granados-Mendoza 2017 A pilot study applying the plant Anchored Hybrid Enrichment method to New World sages (*Salvia* subgenus *Calosphace*; Lamiaceae). *Mol Phylongenet Evol* 117:124–134.

Fragoso-Martínez I, M Martínez-Gordillo, GA Salazar, F Sazatornil, AA Jenks, MR García-Peña, G Barrera-Aveleida, S Benitez-Vieyra, S Magallón, G Cornejo-Tenorio, C Granados-Mendoza 2018 Phylogeny of the Neotropical sages (*Salvia* subg. *Calosphace*; Lamiaceae) and insights into pollinator and area shifts. *Plant Syst Evol* 304:43–55.

Frodin DG 2004 History and concepts of big plant genera. *Taxon* 53:753–776.

Froissart C 2008 La connaissance des sauges. Édisud, Aix-en-Provence.

- GBIF 2018 Global biodiversity information facility. Accessed November 10, 2018.
<https://www.gbif.org/>.
- Gentry AH 1982 Neotropical floristic diversity: phytogeographical connections between Central and South America, Pleistocene climatic fluctuations, or an accident of the Andean orogeny? *Ann Missouri Bot Gard* 69:557–593.
- Gómez-Sosa E 2005 Taxonomic novelties in *Astragalus* (Leguminosae) for South America. *Novon* 15:542–547.
- González-Elizondo MS, AA Reznicek, JA Tena-Flores 2018 Cyperaceae in Mexico: diversity and distribution. *Bot Sci* 96:305–331.
- González-Gallegos JG, OJ Gama-Villanueva 2013 Resurrection of *Salvia* species (Lamiaceae) recently synonymized in Flora Mesoamericana. *Phytotaxa* 151:1–24.
- González-Gallegos JG 2014 Revision of *Salvia* subg. *Calosphace* sect. *Membranaceae* (Lamiaceae). *Telopea* 16:43–81.
- González-Gallegos JG, A Castro-Castro, V Quintero-Fuentes, ME Mendoza-López, E. De Castro-Arce 2016 Revisión taxonómica de Lamiaceae del occidente de México. *Ibugana* 7:3–545.
- Gould WA, MD Walker 1997 Landscape-scale patterns in plant species richness along and arctic river. *Can J Bot* 75:1748–1765.
- Govaerts R 2003 How many species of seed plants are there? *Taxon* 52:101–104.
- Govaerts R, A Paton, Y Harvey, T Navarro, MR García-Peña 2019 World checklist of selected plant families. Royal Botanic Gardens, Kew. Accessed March 6, 2019.
<https://wscp.science.kew.org/advsearch.do>
- Graham A 1999 The tertiary history of the northern temperate element in the northern Latin American biota. *Am. J. Bot.* 86:32–38.

- Grant V 1971 Plant speciation. Columbia University Press, New York.
- Groombridge B 1992 Global biodiversity, status of the Earth's living resources. World Conservation Monitoring Centre, Chapman and Hall, London.
- Hágsater E, E Santiago-Ayala, L Rodríguez-Martínez 2016 *Epidendrum lasiostachyum* (Orchidaceae): a new Colombian species of the *Epidendrum macrostachyum* group. *Lankesteriana* 16:27–37.
- Hamzaoglu E, A Duran, NM Pinar 2005 *Salvia anatolica* (Lamiaceae), a new species from East Anatolia, Turkey. *Ann Bot Fenn* 42:215–220.
- Harley RM, S Atkins, AL Budantsev, PD Cantino, BK Conn, R Grayer, MM Harley, R de Kok, T Krestovskaya, R Morales, AJ Paton, O Ryding, T Upson 2004 Labiatae. Pages 167–275 in JW Kadereit ed. *The families and genera of vascular plants* 7. Springer, Berlin.
- Harris ES 2008 Paraphyly and multiple causes of phylogenetic incongruence in the moss genus *Plagiomnium* (Mniaceae). *Taxon* 57:417–433.
- Hawkins BA, MÁ Rodríguez, GS Weller 2011 Global angiosperm family richness revisited: linking ecology and evolution to climate. *J Biogeogr* 38:1253–1266.
- Heads M 2004 What is a node? *J Biogeogr* 31:1883–1891.
- Hedge IC 1972 *Salvia* L. Pages 188–192 in TG Tutin, VH Heywood, NA Burges, DM Moore, DH Valentine, SM Walters, DA Webb eds. *Flora europaea* 3 Diapensiaceae to Myoporaceae. Cambridge University Press, Cambridge.
- Hedge IC 1974 A revision of *Salvia* in Africa including Madagascar and the Canary Islands. *Notes Roy Bot Gard Edinburgh* 33:1–121.
- Hedge IC 1982a *Salvia*. Pages 403–476 in KH Rechinger, ed. *Flora Iranica* 150. Akademie Druck- und Verlagsanstalt, Graz.

- Hedge IC 1982b *Salvia*. Pages 400–461 in PH Davis, ed. Flora of Turkey. Edinburgh University Press, Edinburgh.
- Hedge IC 1992 A global survey of the biogeography of the Labiatae. Pages 7–17 in RM Harley, T Reynolds, eds. Advances in Labiatae science. Royal Botanical Gardens, Kew.
- Hey J 2006 On the failure of modern species concepts. Trends Ecol. Evol. 21:447–450.
- Horn C, FP Wesselingh, HT Steege, MA Bermudez, A Mora, J Sevink, I Sanmartín, A Sanchez-Meseguer, CL Anderson, JP Figueiredo, C Jaramillo, D Riff, FR Negri, H Hooghiemstra, J Lundberg, T Stadler, T Särkinen, A Antonelli 2010 Amazonia through time: Andean uplift, climate change, landscape evolution, and biodiversity. Science 330:927–931.
- Hu GX, ED Liu, T Zhang, J Cai, CL Xiang 2017 *Salvia luteistriata* (Lamiaceae), a new species from northeastern Sichuan, China. Phytotaxa 314:123–128.
- İlçim A, F Celep, M Doğan 2009 *Salvia marashica* (Lamiaceae), a new species from Turkey. Ann Bot Fenn 46:75–79.
- IPNI 2019 The international plant name index. The Royal Botanic Gardens, Kew, The Harvard University Herbaria and the Australian National Herbarium. Accessed March 6, 2019. <http://www.ipni.org/index.html>
- Jenks AA, JB Walker, SC Kim 2013 Phylogeny of New World *Salvia* subgenus *Calosphace* (Lamiaceae) based on cpDNA (psbA-trnH) and nrDNA (ITS) sequence data. J Pl Res 126:483–496.
- Kahraman A, M Doğan, F Celep 2011 *Salvia siirtica* sp. nov. (Lamiaceae) from Turkey. Nordic J Bot 29:397–401.

- Klitgaard B 2012 *Salvia* L. Pages 396–424 in G Davidse, M Sousa S, S Knapp, F Chiang, eds. Flora Mesoamericana Vol. 4(2) Rubiaceae a Verbenaceae. Missouri Botanical Garden, St. Louis.
- Knapp S, EN Lughadha, A Paton 2005 Taxonomic inflation, species concepts and global species lists. *Trends Ecol Evol* 20:7–8.
- Kriebel R, BT Drew, CP Drummond, JG González-Gallegos, F Celep, MM Madjoub, JP Rose, CL Xiang, GX Hu, JB Walker, EM Lemmon, AR Lemmon, KJ Sytsma 2019 Tracking the temporal shifts in area, biomes, and pollinators in the radiation of *Salvia* (sages) across continents: leveraging Anchored Hybrid Enrichment and targeted sequence data. *Amer J Bot* 106:573–597.
- Latham RE, RE Ricklefs 1993 Global patterns of tree species richness in moist forests: energy-diversity theory does not account for variation in species richness. *Oikos* 67:325–333.
- Li HW, IC Hedge 1994 Lamiaceae. Pages 50–299 in CY Wu, PH Raven, eds. Flora of China, vol. 17. Science Press, Beijing, and Missouri botanical Garden Press, St. Louis.
- Li YC, J Wen, Y Ren, JQ Zhang 2019 From seven to three: integrative species delimitation supports major reduction in species number in *Rhodiola* section *Trifida* (Crassulaceae) on the Qinghai-Tibetan Plateau. *Taxon* 68:268–279.
- Lotsy JP 1925 Species or linneon. *Genetica* 7:487–506.
- Mabberly DJ 2008 Mabberley's plant-book, a portable dictionary of plants, their classification and uses. Cambridge University Press, Cambridge.
- MacBride JF 1960 Labiatae. Pages 721–829 in JF MacBride, ed. Flora of Peru XIII (part V, number 2). Field Museum of Natural History, Chicago.

- Machado CA, J Hey 2002 The causes of phylogenetic conflict in a classic *Drosophila* species group. *Proc R Soc Lond B* 270:1193–1202.
- Martínez-Gordillo M, B Bedolla-García, G Cornejo-Tenorio, I Fragoso-Martínez, MR García-Peña, JG González-Gallegos, SI Lara-Cabrera, S Zamudio 2017 Lamiaceae de México. *Bot Sci* 95:780–806.
- Mastretta-Yanes A, A Moreno-Letelier, D Piñero, TH Jorgensen, BC Emerson 2015 Biodiversity in the Mexican highlands and the interaction of geology, geography and climate within Trans-Mexican Volcanic Belt. *J Biogeogr* 42:1586–1600.
- Maureira-Butler IJ, BE Pfeil, A Muangprom, TC Osborn, JJ Doyle 2008 The reticulate history of *Medicago* (Fabaceae). *Syst Biol* 57:466–482.
- Mayden RL 1999 Consilience and hierarchy of species concepts: advances toward closure on the species puzzle. *J Nematol* 31:95–116.
- Medrano M, E López-Perea, CM Herrera 2014 Population genetics methods applied to a species delimitation problem: endemic trumpet daffodils (*Narcissus* section *Pseudonarcissi*) from the southern Iberian Peninsula. *Int J Plant Sci* 175:501–517.
- McArthur JW 1975 Environmental fluctuations and species diversity. Pages 74–80 in ML Cody, JM Diamond eds. *Ecology and evolution of communities*. Belknap Press, Cambridge.
- Mittelbach GG, DW Schemske, HV Cornell, AP Allen, JM Brown, MB Bush, SP Harrison, AH Hurlbert, N Knowlton, HA Lessios, CM McCain, AR McCune, LA McDade, MA McPeck, TJ Near, TD Price, RE Ricklefs, K Roy, DF Sax, D Schluter, JM Sobel, M Turelli 2007 Evolution and the latitudinal diversity gradient: speciation, extinction and biogeography. *Ecol Lett* 10:315–331.

- Morawetz W, C Raedig 2007 Angiosperm biodiversity, endemism and conservation in the Neotropics. *Taxon* 56:1245–1254.
- Morrone JJ 2005 Hacia una síntesis biogeográfica de México. *Revista Mex Biodivers* 76:207–252.
- Morrone JJ 2010 Fundamental biogeographic patterns across the Mexican Transition Zone: an evolutionary approach. *Ecography* 33:355–361.
- Morrone JJ 2014 Biogeographical regionalization of the Neotropical region. *Zootaxa* 3782:1–110.
- Muñoz-Rodríguez P, T Carruthers, JRI Wood, BRM Williams, K Weitemier, B Kronmiller, Z Goodwin, A Sumadijaya, NL Anglin, D Filer, D Harris, MD Rausher, S Kelly, A Liston, RW Scotland 2019 A taxonomic monograph of *Ipomoea* integrated across phylogenetic scales. *Nat Plants* 5:1136–1144
- Naomi SI 2011 On the integrated frameworks of species concepts: Mayden’s hierarchy of species concepts and de Queiroz’s unified concept of species. *J Zool Syst Evol Res* 49:177–184.
- O’Leary N, P Moroni 2016 Las especies de *Salvia* (Lamiaceae) para Argentina. *Darwiniana* 4:91–131.
- Olson DM, E Dinerstein, ED Wikramanayake, ND Burgess, GVN Poweell, EC Underwood, JA D’Amico, I Itoua, HE Strand, JC Morrison, CJ Loucks, TF Allnutt, TH Ricketts, Y Kura, JF Lamoreux, WW Wettengel, P Hedao, KR Kassem 2001 Terrestrial ecoregions of the World: a new map of life on Earth. *Bioscience* 51:933–938.

- Olvera-Mendoza EI, BY Bedolla-García, SI Lara-Cabrera 2017 Revisión taxonómica de *Salvia* subg. *Calosphace* sección *Scorodonia* (Lamiaceae), endémica de México. *Acta Bot Mex* 118:7–39.
- Pamilo P, M Nei 1988 Relationships between gene trees and species trees. *Mol Biol Evol* 5:568–583.
- Pool A 2001 Lamiaceae. Pages 1168–1189 in WD Stevens, C Ulloa-Ulloa, A Pool, OM Montiel, eds. *Flora of Nicaragua 2*. Missouri Botanical Garden Press, St. Louis.
- R Core Team 2019 R: a language and environment for statistical computing. R Foundation for Statistical Computing, Vienna. Accessed November 20, 2019. <https://www.R-project.org/>
- Ramamoorthy TP, M Elliott 1993 Mexican Lamiaceae: diversity, distribution, endemism, and evolution. Pages 513–539 in TP Ramamoorthy, R Bye, A Lot, J Fa, eds. *Biological diversity of Mexico, origins and distribution*. Oxford University Press, New York.
- Ramamoorthy TP 2005 *Salvia* L. Pages 632–644 in G Calderón de Rzedowski, J Rzedowski, eds. *Flora fanerogámica del Valle de México*, 2 ed. Instituto de Ecología, A.C. and Comisión Nacional para el Conocimiento y Uso de la Biodiversidad, Pátzcuaro.
- Rangel-C JO 2015 La riqueza de las plantas con flores de Colombia. *Caldasia* 37:279–307.
- Rosenzweig ML 2003 How to reject the area hypothesis of latitudinal gradients. Pages 87–106 in TM Blackburn, KJ Gaston eds. *Macroecology: concepts and consequences*. Blackwell Publishing, Oxford.
- Ruggiero A, E Ezcurra 2003 Regiones y transiciones biogeográficas: complementariedad de los análisis en biogeografía histórica y ecológica. Pages 141–154 in JJ Morrone,

- J Llorente Bousquets, eds. Una perspectiva latinoamericana de la biogeografía. Las Prensas de Ciencias, UNAM, Mexico City.
- Ruiz-Sánchez E, V Sosa 2010 Delimiting species boundaries within the Neotropical bamboo *Otatea* (Poaceae: Bambusoideae) using molecular, morphological and ecological data. *Molec Phylogen Evol* 54:344–356.
- Rzedowski J 1965 Relaciones geográficas y posibles orígenes de la flora de México. *Bol Soc Bot México* 29:121–177.
- Rzedowski J 1978 Vegetación de México. Limusa, México, D.F.
- Rzedowski J 1993 Diversity and origins of the phanerogamic Flora of Mexico. Pages 129–144 in TP Ramamoorthy, R Bye, A Lot, J Fa, eds. Biological diversity of Mexico, origins and distribution. Oxford University Press, New York.
- Scotland RW, JRI Wood 2012 Accelerating the pace of taxonomy. *Trends Ecol Evol* 27:415–416.
- SEINet 2018 American *Salvia*. Accessed November 2, 2018. <http://swbiodiversity.org/seinet/collections/list.php>
- Sistrom M, SC Donnellan, MN Hutchinson 2013 Delimiting species in recent radiations with low levels of morphological divergence: a case study in Australian *Gehyra* geckos. *Mol Phylogen Evol* 68:135–143.
- Sites JW, JC Marshall 2003 Delimiting species: a renaissance issue in systematic biology. *Trends Ecol Evol* 18:462–470.
- Sites JW, JC Marshall 2004 Operational criteria for delimiting species. *Annu Rev Ecol Evol Syst* 35:199–227.
- Som A 2014 Causes, consequences and solutions of phylogenetic incongruence. *Brief Bioinform* 16:536–548.

- Standley P, L Williams 1973 Labiatae. Pages 237–317 in PC Standley, LO Williams, DN Gibson eds. Flora of Guatemala Vol. 24 Part IX Number 3, 4. Fieldiana: Botany, Field Museum of Natural History, Illinois.
- Stephens PR, JJ Wiens 2003 Explaining species richness from continents to communities: the time-for-speciation effect in emydid turtles. *Amer Naturalist* 161:112–128.
- Suzuki R, H Shimodaira 2004 Approximately unbiased tests of regions using multistep-multiscale bootstrap resampling. *Ann Stat* 32:2616–2641.
- Suzuki R, H Shimodaira 2006 Pvclust: an R package for assessing the uncertainty in hierarchical clustering. *Bioinformatics* 22:1540–1542.
- Templeton AR 2001 Using phylogeographic analyses of gene trees to test species status and processes. *Mol Ecol* 10:779–791.
- Torke BM 2000 A revision of *Salvia* sect. *Ekmania* (Lamiaceae). *Brittonia* 52:265–302.
- Tropicos 2018 *Salvia* L. Missouri Botanical Garden. Accessed November 1, 2018. <http://tropicos.org/NameSearch.aspx?name=salvia&commonname>
- Turner BL 2009 Recension of the Mexican species of section *Uliginosae* of *Salvia* (Lamiaceae). *Phytologia* 91:440–466.
- Villaseñor JL 2016 Checklist of the native vascular plants of Mexico. *Revista Mex Biodivers* 87:559–902.
- Walker JB, WJ Elisens 2001 A revision of *Salvia* section *Heterosphace* (Lamiaceae)(in western North America. *Sida* 19:571–589.
- Walker JB, KJ Sytsma 2007 Staminal evolution in the genus *Salvia* (Lamiaceae): Molecular phylogenetic evidence for multiple origins of the stamina lever. *Ann Bot* 100:375–391.

- Walker JB, BT Drew, KJ Systma 2015 Unravelling species relationships and diversification within the iconic California Floristic Province sages (*Salvia* subgenus *Audibertia*, Lamiaceae). *Syst Bot* 40:826–844.
- Walker JB, KJ Sytsma, J Treutlein, M Wink 2004 *Salvia* (Lamiaceae) is not monophyletic: Implications for the systematics, radiation, and ecological specializations of *Salvia* and tribe Mentheae. *Amer J Bot* 91:1115–1125.
- Wester P, R Claßen-Bockhoff 2011 Pollination syndromes of New World *Salvia* species with special reference to bird pollination. *Ann Missouri Bot Gard* 98:101–155.
- Wheeler GA 2002 *Carex* (Cyperaceae) from South America: three new species and some name changes. *Darwiniana* 40:199–208.
- Wheeler WC 2012 Species concepts, definitions, and issues. Pages 53–66 in WC Wheeler, ed. *Systematics: a course of lectures*. Wiley-Blackwell, Chichester.
- Wiens JJ, MJ Donoghue 2004 Historical biogeography, ecology and species richness. *Trends Ecol Evol* 19:639–644.
- Wood JRI 2007 The salvias (Lamiaceae) of Bolivia. *Kew Bull* 62:177–222.
- Wood JRI, RM Harley 1989 The genus *Salvia* (Labiatae) in Colombia. *Kew Bull* 44:211–278.
- Zhu ZY, BQ Min, QL Wang 2011 Taxa nova salviorum labiatarum. *Bull Bot Res, Harbin* 31:1–3.
- Zona S, K Finch, T Clase, B Jestrow 2016 A synopsis of *Salvia* sect. *Gardoquiiflorae* (Lamiaceae), with a note on the origins of Caribbean *Salvia* species. *Phytotaxa* 255:214–226.

Appendix 1. *Salvia* subgenus *Calosphace* (Benth.) Epling checklist. Unresolved species marked with an asterisk at the beginning of the name. Sections mostly according to Epling's (1939) classification are given between parentheses. Distribution of each species by American country or territory can be consulted in Supplementary Material 3.

- 1 *Salvia acerifolia* B.L. Turner, Phytologia 90: 138. 2008. (*Sphacelioides*).
- 2 *Salvia acuminata* Ruiz & Pav., Fl. Peruv. 1: 24. 1798. (*Longiflorae*).
- 3 *Salvia adenophora* Fernald, Proc. Amer. Acad. Arts 35: 538. 1900. (*Holwaya*).
- 4 *Salvia aequidistans* Fernald, Proc. Amer. Acad. Arts 35: 512. 1900. (*Scorodonia*).
- 5 **Salvia agnes* Epling, Repert. Spec. Nov. Regni Veg. Beih. 110: 41. 1938.
(*Lavanduloideae*).
- 6 *Salvia alamosana* Rose, Contr. U.S. Natl. Herb. 1: 110. 1891. (*Sigmoideae*).
- 7 *Salvia alata* Epling, Brittonia 12: 147. 1960. (*Macrostachyae*).
- 8 *Salvia alba* J.R.I. Wood, Kew Bull. 62: 210. 2007. (*Angulatae*).
- 9 *Salvia albicalyx* J.G. González, Phytotaxa 77: 10. 2013. (not assigned).
- 10 *Salvia albiflora* M. Martens & Galeotti, Bull. Acad. Roy. Sci. Bruxelles 11(2): 76. 1844.
(*Angulatae*).
- 11 *Salvia albiterrarum* J.G. González & Art. Castro, Phytotaxa 93: 54. 2013. (*Sigmoideae*).
- 12 *Salvia albocaerulea* Linden, Belgique Hort. 7: 199. 1857. (*Fernaldia*).
- 13 *Salvia alborosea* Epling & Játiva, Brittonia 18: 260. 1966. (*Lopeziana*).
- 14 *Salvia aliciae* E.P. Santos, Bradea 6(30): 259. 1993. (*Rudes*).
- 15 *Salvia altissima* Pohl, Pl. Bras. Icon. Descr. 2: 140. 1833. (*Hoehneana*).
- 16 *Salvia alvajaca* Oerst., Vidensk. Meddel. Naturhist. Foren. Kjøbenhavn 1853: 38. 1854.
(*Angulatae*).

- 17 *Salvia amarissima* Ortega, Nov. Pl. Descr. Dec.: 4. 1797. (*Scorodonia*).
- 18 *Salvia amethystina* Sm., Pl. Icon. Ined. 2: 27. 1790. (*Rubescentes*).
- 19 *Salvia amissa* Epling, Repert. Spec. Nov. Regni Veg. Beih. 110: 187. 1938.
(*Farinaceae*).
- 20 *Salvia ampelophylla* Epling, Repert. Spec. Nov. Regni Veg. Beih. 85: 76. 1935.
(*Rubescentes*).
- 21 *Salvia amplifrons* Briq., Bull. Herb. Boissier 4: 863. 1896. (*Angulatae*).
- 22 *Salvia anastomosans* Ramamoorthy, J. Arnold Arbor. 65: 135. 1984. (*Tomentellae*).
- 23 *Salvia anguicomma* Epling, Bull. Torrey Bot. Club 74: 517. 1947. (*Purpureae*).
- 24 *Salvia angulata* Benth., Labiat. Gen. Spec.: 721. 1835. (*Angulatae*).
- 25 *Salvia angustiarum* Epling, Repert. Spec. Nov. Regni Veg. Beih. 110: 315. 1939.
(*Brandegeia*).
- 26 *Salvia aratocensis* (J.R.I. Wood & Harley) Fern. Alonso, Caldasia 25: 240. 2005.
(*Angulatae*).
- 27 *Salvia arborescens* Urb. & Ekman, Ark. Bot. 20A(15): 91. 1926. (*Wrightiana*).
- 28 *Salvia arduinervis* Urb. & Ekman, Ark. Bot. 20A(15): 89. 1926. (*Ekmania*).
- 29 *Salvia arenaria* A. St.-Hil. ex Benth., Labiat. Gen. Spec.: 257. 1833. (*Angulatae*).
- 30 *Salvia areolata* Epling, Bull. Torrey Bot. Club 71: 493. 1944. (*Purpureae*).
- 31 *Salvia arizonica* A. Gray, Syn. Fl. N. Amer. 2(1): 370. 1878. (*Uliginosae*).
- 32 *Salvia arthrocoma* Fernald, Proc. Amer. Acad. Arts 43: 63. 1907. (*Angulatae*).
- 33 *Salvia articulata* Epling, Repert. Spec. Nov. Regni Veg. Beih. 85: 49. 1935. (*Nobiles*).
- 34 *Salvia aspera* M. Martens & Galeotti, Bull. Acad. Roy. Sci. Bruxelles 11(2): 71. 1844.
(*Conzattiana*).
- 35 *Salvia assurgens* Kunth, Nov. Gen. Sp. 2: 293. 1818. (*Uliginosae*).

- 36 *Salvia atrocalyx* Epling, Repert. Spec. Nov. Regni Veg. Beih. 85: 65. 1935.
(*Macrostachyae*).
- 37 *Salvia atrocyanea* Epling, Repert. Spec. Nov. Regni Veg. Beih. 85: 44. 1935.
(*Coeruleae*).
- 38 *Salvia atropaenulata* Epling, Repert. Spec. Nov. Regni Veg. Beih. 110: 270. 1939.
(*Briquetia*).
- 39 *Salvia austromelissodora* Epling & Játiva, Brittonia 18: 260. 1966. (*Scorodonia*).
- 40 *Salvia axillaris* Moc. & Sessé ex Benth., Labiat. Gen. Spec.: 270. 1833. (*Axillares*).
- 41 *Salvia axilliflora* Epling, Repert. Spec. Nov. Regni Veg. Beih. 85: 33. 1935. (*Fendlera*).
- 42 *Salvia ayavacensis* Kunth, Nov. Gen. Sp. 2: 298. 1818). (*Cylindriflorae*).
- 43 *Salvia azurea* Michx. ex Vahl, Enum. Pl. Obs. 1: 253. 1804. (*Farinaceae*).
- 44 *Salvia bahorucona* Urb. & Ekman, Ark. Bot. 22A(10): 47. 1929. (*Ekmania*).
- 45 *Salvia balaustina* Pohl, Pl. Bras. Icon. Descr. 2: 133. 1833. (*Nobiles*).
- 46 *Salvia ballotiflora* Benth., Labiat. Gen. Spec.: 270. 1833. (*Tomentellae*).
- 47 *Salvia benthamiana* Gardner ex Fielding, Sert. Pl.: t. 19. 1843. (*Nobiles*).
- 48 *Salvia biserrata* M. Martens & Galeotti, Bull. Acad. Roy. Sci. Bruxelles 11(2): 66.
1844. (*Dusenostachys*).
- 49 *Salvia blepharophylla* Brandegees ex Epling, Repert. Spec. Nov. Regni Veg. Beih. 110:
314. 1939. (*Brandegeia*).
- 50 *Salvia boegei* Ramamoorthy, J. Arnold Arbor. 65: 137. 1984. (*Scorodonia*).
- 51 *Salvia bogotensis* Benth., Prodr. 12: 312. 1848. (*Angulatae*).
- 52 *Salvia borjensis* E.P. Santos, Biogeographica 71: 22. 1995. (*Rudes*).
- 53 *Salvia brachyloba* Urb., Symb. Antill. 7: 362. 1912. (*Gardoquiflorae*).
- 54 *Salvia brachyodonta* Briq., Annuaire Conserv. Jard. Bot. Genève 2: 149. 1898.

(*Polystachyae*).

- 55 *Salvia brachyphylla* Urb., Symb. Antill. 3: 368. 1903. (*Urbania*).
- 56 *Salvia breviflora* Moc. & Sessé ex Benth., Labiat. Gen. Spec. 274. 1833. (*Scorodonia*).
- 57 *Salvia brevipes* Benth., Prodr. 12: 321. 1848. (*Rudes*).
- 58 *Salvia buchananii* Hedge, Bot. Mag. 174: t. 430. 1963. (*Brandegeia*).
- 59 *Salvia buchii* Urb., Symb. Antill. 3: 369. 1903. (*Gardoquiflorae*).
- 60 *Salvia bullulata* Benth., Prodr. 12: 327. 1848. (*Corrugatae*).
- 61 *Salvia bupleuroides* C. Presl. ex Benth., Labiat. Gen. Spec. 271. 1833. (*Membranaceae*).
- 62 *Salvia caaguazuensis* Briq., Bull. Herb. Boissier sér. 2 7: 608. 1907. (*Rudes*).
- 63 *Salvia cabonii* Urb., Symb. Antill. 7: 361. 1912. (*Tenuistachya*).
- 64 *Salvia cacaliifolia* Benth., Prodr. 12: 348. 1848. (*Standleyana*).
- 65 *Salvia cacomensis* J.G. González, J.G. Morales & J.L. Rodr., Revista Mex. Biodivers.
83: 342. 2012). (*Tubiflorae*).
- 66 *Salvia caeruleobracteata* Mart. Gord., D. Sandoval & García-Mend., J. Pl. Sci. 5: 146.
2017. (*Scorodonia*).
- 67 *Salvia calaminthifolia* Vahl, Enum. Pl. Obs. 1: 233. 1804. (*Urbania*).
- 68 *Salvia calcicola* Harley, Kew Bull. 29: 138. 1974. (*Malacophyllae*).
- 69 *Salvia calderoniae* Bedolla & Zamudio, Phytotaxa 217: 39. 2015. (*Angulatae*).
- 70 *Salvia calolophos* Epling, Repert. Spec. Nov. Regni Veg. Beih. 85: 57. 1935.
(*Tomentellae*).
- 71 *Salvia camarifolia* Benth., Prodr. 12: 342. 1848. (*Tubiflorae*).
- 72 *Salvia camporum* Epling, Bull. Torrey Bot. Club 61: 489. 1944. (*Macrostachyae*).
- 73 *Salvia candicans* M. Martens & Galeotti, Bull. Acad. Roy. Sci. Bruxelles 11(2): 61.
1844. (*Tomentellae*).

- 74 *Salvia carbonoi* Fern. Alonso, *Caldasia* 25: 245. 2003. (*Angulatae*).
- 75 *Salvia cardenasii* J.R.I. Wood, *Kew Bull.* 62: 206. 2007. (*Malacophyllae*).
- 76 *Salvia cardiophylla* Benth., *Labiata. Gen. Spec.*: 721. 1835. (*Rudes*).
- 77 *Salvia carnea* Kunth, *Nov. Gen. Sp.* 2: 300. 1818). (*Carneae*).
- 78 *Salvia carranzae* Zamudio & Bedolla, *Phytotaxa* 217: 36. 2015. (*Fulgentes*).
- 79 *Salvia carreyesii* J.G. González, *Revista Mex. Biodivers.* 84: 8. 2013. (*Briquetia*).
- 80 *Salvia carrilloi* Véliz & Quedensley, *J. Bot. Res. Inst. Texas* 5: 471. 2011. (*Tubiflorae*).
- 81 *Salvia caudata* Epling, *Repert. Spec. Nov. Regni Veg. Beih.* 110: 243. 1939.
(*Angulatae*).
- 82 *Salvia caymanensis* Millsp. & Uline, *Publ. Field Columb. Mus. Bot. Ser.* 2: 94. 1900).
(*Micranthae*).
- 83 *Salvia cedrosensis* Greene, *Bull. Calif. Acad. Sci.* 1(4): 212. 1885. (*Flocculosae*).
- 84 *Salvia cerradicola* E.P. Santos, *Bradea* 6(30): 261. 1993. (*Rudes*).
- 85 *Salvia chalarothyrsa* Fernald, *Proc. Amer. Acad. Arts* 43: 65. 1907. (*Sigmoideae*).
- 86 *Salvia chamaedryoides* Cav., *Icon.* 2: 77. 1793. (*Flocculosae*).
- 87 *Salvia chapadensis* E.P. Santos & Harley, *Kew Bull.* 59: 105. 2004. (*Nobiles*).
- 88 *Salvia chapalensis* Briq., *Annuaire Conserv. Jard. Bot. Genève* 2: 145. 1898.
(*Sigmoideae*).
- 89 **Salvia chazaroana* B.L. Turner, *Phytologia* 91: 445. 2009. (*Uliginosae*).
- 90 *Salvia chiapensis* Fernald, *Proc. Amer. Acad. Arts* 35: 544. 1900. (*Maxonia*).
- 91 *Salvia chicamochae* J.R.I. Wood & Harley, *Kew Bull.* 44: 253. 1989. (*Angulatae*).
- 92 *Salvia chionophylla* Fernald, *Proc. Amer. Acad. Arts* 43: 64. 1907. (*Flocculosae*).
- 93 *Salvia cinnabarina* M. Martens & Galeotti, *Bull. Acad. Roy. Sci. Bruxelles* 11(2): 63.
1844. (*Incarinatae*).

- 94 *Salvia clarendonensis* Britton, Bull. Torrey Bot. Club 48: 340. 1922. (*Tubiflorae*).
- 95 *Salvia clarkcowanii* B.L. Turner, Phytologia 90: 141. 2008. (*Purpureae*).
- 96 *Salvia clinopodioides* Kunth, Nov. Gen. Sp. 2: 294. 1818). (*Cucullatae*).
- 97 *Salvia coahuilensis* Fernald, Proc. Amer. Acad. Arts 35: 520. 1900. (*Flocculosae*).
- 98 *Salvia coccinea* Buc'hoz ex Etl., Salv.: 23. 1777. (*Subrotundae*).
- 99 *Salvia cocuyana* Fern. Alonso, Revista Acad. Colomb. Ci. Exact. 74: 472. 1995.
(*Rubescentes*).
- 100 *Salvia codazziana* Fern. Alonso, Anales Jard. Bot. Madrid 53: 43. 1995. (*Longipes*).
- 101 *Salvia cognata* Urb. & Ekman, Ark. Bot. 20A(15): 86. 1926. (*Flocculosae*).
- 102 *Salvia collinsii* Donn. Sm., Bot. Gaz. 61: 386. 1916. (*Donnellsmithia*).
- 103 *Salvia colonica* Standl. & Williams ex Klitg., Novon 17: 206. 2007. (*Donnellsmithia*).
- 104 *Salvia comayaguana* Standl., Publ. Field Columb. Mus. Bot. Ser. 8: 40. 1930).
(*Maxonia*).
- 105 *Salvia compacta* Kuntze, Revis. Gen. Pl. 2: 530. 1891. (*Polystachyae*).
- 106 *Salvia compsostachys* Epling, Bull. Torrey Bot. Club 67: 519. 1940. (*Membranaceae*).
- 107 *Salvia concolor* Lamb. ex Benth., Labiat. Gen. Spec.: 297. 1833. (*Dusenostachys*).
- 108 *Salvia confertiflora* Pohl, Pl. Bras. Icon. Descr. 2: 134. 1833. (*Secundae*).
- 109 *Salvia confertispicata* Fragoso & Mart. Gord, Acta Bot. Mex. 103: 2. 2013.
(*Membranaceae*).
- 110 *Salvia congestiflora* Epling, Repert. Spec. Nov. Regni Veg. Beih. 85: 54. 1935.
(*Uliginosae*).
- 111 *Salvia connivens* Epling, Repert. Spec. Nov. Regni Veg. Beih. 110: 216. 1939.
(*Polystachyae*).
- 112 *Salvia consimilis* Epling, Repert. Spec. Nov. Regni Veg. Beih. 85: 75. 1935.

(*Angulatae*).

113 *Salvia consobrina* Epling, Brittonia 12: 149. 1960. (*Leucocephalae*).

114 *Salvia cordata* Benth., Labiat. Gen. Spec.: 268. 1833. (*Rudes*).

115 *Salvia coriana* Quedensley & Véliz, J. Bot. Res. Inst. Texas 4: 27. 2010.

(*Dusenostachys*).

116 *Salvia corrugata* Vahl, Enum. Pl. Obs. 1: 252. 1804. (*Corrugatae*).

117 *Salvia costaricensis* Oerst., Vidensk. Meddel. Naturhist. Foren. Kjøbenhavn 1853: 39.
1854. (*Blakea*).

118 *Salvia costata* Epling, Repert. Spec. Nov. Regni Veg. Beih. 85: 35. 1935. (*Tubiflorae*).

119 *Salvia coulteri* Fernald, Proc. Amer. Acad. Arts 35: 519. 1900. (*Tomentellae*).

120 *Salvia crucis* Epling, Repert. Spec. Nov. Regni Veg. Beih. 110: 44. 1938.

(*Sigmoideae*).

121 *Salvia cruikshanksii* Benth., Labiat. Gen. Spec.: 261. 1833. (*Flocculosae*).

122 *Salvia cryptodonta* Fernald, Proc. Amer. Acad. Arts 35: 507. 1900. (*Lavanduloideae*).

123 *Salvia cualensis* J.G. González, Phytotaxa 74: 50. 2012. (*Farinaceae*).

124 *Salvia cuatrecasana* Epling, Bull. Torrey Bot. Club 71: 494. 1944. (*Purpureae*).

125 *Salvia cubensis* Britton & P. Wilson, Mem. Torrey Bot. Club 16: 99. 1920. (*Brittonia*).

126 *Salvia curta* Epling, Repert. Spec. Nov. Regni Veg. Beih. 85: 53. 1935. (*Uliginosae*).

127 *Salvia curticalyx* Epling, Bull. Torrey Bot. Club 67: 520. 1940. (*Flocculosae*).

128 *Salvia curviflora* Benth., Labiat. Gen. Spec.: 284. 1833. (*Purpureae*).

129 *Salvia cuspidata* Ruiz & Pav., Fl. Peruv. 1: 23. 1798. (*Tomentellae*).

130 *Salvia cyanantha* Epling, Bull. Torrey Bot. Club 67: 526. 1940. (*Angulatae*).

131 *Salvia cyanicalyx* Epling, Bull. Torrey Bot. Club 68: 564. 1941. (*Angulatae*).

132 *Salvia cyanocephala* Epling, Repert. Spec. Nov. Regni Veg. Beih. 85: 34. 1935.

(*Siphonantha*).

133 *Salvia cyanotropha* Epling, Repert. Spec. Nov. Regni Veg. Beih. 85: 78. 1935.

(*Flocculosae*).

134 *Salvia cylindriflora* Epling, Repert. Spec. Nov. Regni Veg. Beih. 85: 41. 1935.

(*Cylindriflorae*).

135 **Salvia darcy* J. Compton, Bot. Mag., Kew Mag.) 11: 53. 1994. (*Holwaya*).

136 *Salvia decora* Epling, Repert. Spec. Nov. Regni Veg. Beih. 110: 222. 1939.

(*Polystachyae*).

137 *Salvia decumbens* Alain, Phytologia 25: 273. 1973. (*Flocculosae*).

138 *Salvia decurrens* Epling, Repert. Spec. Nov. Regni Veg. Beih. 85: 96. 1935.

(*Flavidae*).

139 *Salvia densiflora* Benth., Labiat. Gen. Spec.: 721. 1835. (*Wrightiana*).

140 *Salvia diamantina* E.P. Santos & Harley, Kew Bull. 59: 105. 2004. (*Nobiles*).

141 *Salvia dichlamys* Epling, Repert. Spec. Nov. Regni Veg. Beih. 110: 276. 1939.

(*Fulgentes*).

142 *Salvia diegoae* Mart. Gord. & Lozada-Pérez, Brittonia 63: 211. 2011. (*Nivalis*).

143 *Salvia discolor* Kunth, Nov. Gen. Sp. 2: 294. 1818). (*Discolores*).

144 *Salvia disjuncta* Fernald, Proc. Amer. Acad. Arts 35: 533. 1900. (*Holwaya*).

145 *Salvia divinorum* Epling & Játiva, Bot. Mus. Leafl. 20: 75. 1962. (*Dusenostachys*).

146 *Salvia dombeyi* Epling, Revista Sudamer. Bot. 4: 47. 1937. (*Longiflorae*).

147 *Salvia dorisiana* Standl., Ceiba 1: 43. 1950. (*Holwaya*).

148 *Salvia drymocharis* Epling, Repert. Spec. Nov. Regni Veg. Beih. 110: 258. 1939.

(*Angulatae*).

149 *Salvia dryophila* Epling, Repert. Spec. Nov. Regni Veg. Beih. 110: 45. 1938.

(*Sigmoideae*).

150 *Salvia dugesiana* Epling, Repert. Spec. Nov. Regni Veg. Beih. 110: 343. 1939.

(*Holwaya*).

151 *Salvia durangensis* J.G. González, Syst. Bot. 40: 1094. 2015. (not assigned).

152 *Salvia duripes* Epling & Mathias, Brittonia 8: 309. 1957. (*Farinaceae*).

153 *Salvia ecuadorensis* Briq., Annuaire Conserv. Jard. Bot. Genève 2: 162. 1898.

(*Briquetia*).

154 *Salvia eizi-matudae* Ramamoorthy, Taxon 36: 588. 1987. (*Purpureae*).

155 *Salvia elegans* Vahl, Enum. Pl. Obs. 1: 238. 1804. (*Incarnatae*).

156 *Salvia emaciata* Epling, Contr. W. Bot. 18: 52. 1933. (*Glareosae*).

157 *Salvia eriocalyx* Bertero ex Roem. & Schult., Syst. Veg. ed. 15 bis 1(Add. 2): 246.

1817). (*Tubiflorae*).

158 *Salvia ernesti-vargasii* C. Nelson, Ceiba 25: 174. 1984. (*Holwaya*).

159 **Salvia erythrostephana* Epling, Brittonia 7: 136. 1951. (*Tubiflorae*).

160 *Salvia erythrostoma* Epling, Repert. Spec. Nov. Regni Veg. Beih. 85: 35. 1935.

(*Longipes*).

161 *Salvia espirito-santensis* Brade & Barb. Per., Rodriguésia 9(20): 86. 1946. (*Nobiles*).

162 *Salvia evadens* J.G. González & Art. Castro, Nordic J. Bot. 34: 390. 2016.

(*Scorodonia*).

163 **Salvia exilis* Epling, Bull. Torrey Bot. Club 67: 514. 1940. (*Lavanduloideae*).

164 *Salvia expansa* Epling, Brittonia 7: 135. 1951. (*Platycheilos*).

165 *Salvia exserta* Griseb., Abh. Königl. Ges. Wiss. Göttingen 24: 274. 1879. (*Mineatae*).

166 *Salvia falcata* J.R.I. Wood & Harley, Kew Bull. 44: 270. 1989. (*Tubiflorae*).

167 *Salvia farinacea* Benth., Labiat. Gen. Spec.: 274. 1833. (*Farinaceae*).

- 168 **Salvia festiva* Epling, Repert. Spec. Nov. Regni Veg. Beih. 110: 264. 1939.
(*Maxonia*).
- 169 *Salvia filifolia* Ramamoorthy, Anales Inst. Biol. Univ. Nac. Autón. México Bot. 54:
157. 1983 publ. 1987). (*Uliginosae*).
- 170 *Salvia filipes* Benth., Prodr. 12: 309. 1848. (*Polystachyae*).
- 171 *Salvia firma* Fernald, Proc. Amer. Acad. Arts 35: 502. 1900. (*Uliginosae*).
- 172 *Salvia flaccida* Fernald, Proc. Amer. Acad. Arts 35: 509. 1900. (*Angulatae*).
- 173 *Salvia flaccidifolia* Fernald, Proc. Amer. Acad. Arts 43: 66. 1907. (*Dusenostachys*).
- 174 *Salvia flocculosa* Benth., Pl. Hartw.: 244. 1846. (*Flocculosae*).
- 175 *Salvia florida* Benth., Prodr. 12: 338. 1848. (*Floridae*).
- 176 **Salvia fluviatilis* Fernald, Proc. Amer. Acad. Arts 35: 516. 1900. (*Angulatae*).
- 177 *Salvia formosa* L'Hér., Stirp. Nov.: 41. 1786. (*Leounuroideae*).
- 178 *Salvia foveolata* Urb. & Ekman, Ark. Bot. 20A(5): 47. 1926. (*Ekmania*).
- 179 *Salvia fruticetorum* Benth., Labiat. Gen. Spec.: 284. 1833. (*Curtiflorae*).
- 180 *Salvia fruticulosa* Benth., Labiat. Gen. Spec.: 721. 1835. (*Tomentellae*).
- 181 *Salvia fulgens* Cav., Icon. 1: 15. 1791. (*Fulgentes*).
- 182 *Salvia funckii* Briq., Annuaire Conserv. Jard. Bot. Genève 2: 174. 1898. (*Hastatae*).
- 183 **Salvia fusca* Epling, Repert. Spec. Nov. Regni Veg. Beih. 110: 245. 1939.
(*Angulatae*).
- 184 *Salvia fuscomanicata* Fern. Alonso, Caldasia 25: 261. 2003. (*Purpureae*).
- 185 *Salvia gachantivana* Fern. Alonso, Revista Acad. Colomb. Ci. Exact. 74: 472. 1995.
(*Rubescentes*).
- 186 *Salvia galloana* B.L. Turner, Phytologia 91: 448. 2009. (*Uliginosae*).
- 187 *Salvia gavilanensis* Martínez-Ambr., Fragoso & Mart. Gord., Phytotaxa 409: 30. 2019.

(not assigned).

188 *Salvia gesneriiflora* Lindl. & Paxton, Paxton's Fl. Gard. 2: 49. 1851. (*Holwaya*).

189 *Salvia glabra* M. Martens & Galeotti, Bull. Acad. Roy. Sci. Bruxelles 11(2): 68. 1844.

(*Membranaceae*).

190 **Salvia glandulifera* Cav., Anales Hist. Nat. 2: 111. 1800. (*Phoeniceae*).

191 **Salvia glechomifolia* Kunth, Nov. Gen. Sp. 2: 290. 1818). (*Uliginosae*).

192 *Salvia goldmanii* Fernald, Proc. Amer. Acad. Arts 35: 527. 1900. (*Tomentellae*).

193 *Salvia gonzalezii* Fernald, Proc. Amer. Acad. Arts 35: 524. 1900. (*Scorodonia*).

194 *Salvia gracilipes* Epling, Brittonia 7: 132. 1951. (*Longipes*).

195 *Salvia graciliramulosa* Epling & Játiva, Brittonia 18: 262. 1966. (*Exiles*).

196 **Salvia gracilis* Benth., Labiat. Gen. Spec.: 258. 1833. (*Carneae*).

197 *Salvia grandis* Epling, Bull. Torrey Bot. Club 71: 492. 1944. (*Steyermarkia*).

198 *Salvia gravida* Epling, Bull. Torrey Bot. Club 67: 532. 1940. (*Skeptostachys*).

199 *Salvia greggii* A. Gray, Proc. Amer. Acad. Arts 8: 369. 1870. (*Flocculosae*).

200 *Salvia grewiifolia* S. Moore, J. Bot. 1904: 109. 1904. (*Hoehneana*).

201 *Salvia grisea* Epling & Mathias, Brittonia 8: 308. 1957. (*Flocculosae*).

202 *Salvia griseifolia* Epling, Repert. Spec. Nov. Regni Veg. Beih. 85: 78. 1935.

(*Flocculosae*).

203 *Salvia guacana* Fern. Alonso, Revista Acad. Colomb. Ci. Exact. 36: 518. 2012.

(*Tubiflorae*).

204 *Salvia guadalajarensis* Briq., Annuaire Conserv. Jard. Bot. Genève 2: 132. 1898.

(*Lavanduloideae*).

205 *Salvia guaneorum* Fern. Alonso, Phytotaxa 156: 222. 2014. (*Longipes*).

206 *Salvia guaranitica* A. St.-Hil. ex Benth., Labiat. Gen. Spec.: 298. 1833. (*Coeruleae*).

- 207 *Salvia guevarae* Bedolla & Zamudio, *Phytoneuron* 2017(66): 6. 2017. (*Holwaya*).
- 208 *Salvia gypsophila* B.L. Turner, *Phytologia* 90: 166. 2008. (*Farinaceae*).
- 209 *Salvia haenkei* Benth., *Labiata. Gen. Spec.*: 283. 1833. (*Cylindriflorae*).
- 210 *Salvia haitiensis* Urb., *Repert. Spec. Nov. Regni Veg.* 19: 306. 1924. (*Angulatae*).
- 211 *Salvia hamulus* Epling, *Repert. Spec. Nov. Regni Veg. Beih.* 110: 72. 1938.
(*Uliginosae*).
- 212 *Salvia hapalophylla* Epling, *Repert. Spec. Nov. Regni Veg. Beih.* 85: 40. 1935.
(*Cylindriflorae*).
- 213 *Salvia harleyana* E.P. Santos, *Kew Bull.* 59: 286. 2004. (*Secundae*).
- 214 *Salvia hatschbachii* E.P. Santos, *Bull. Mus. Natl. Hist. Nat. B Adansonia* 16: 159.
1994. (*Nobiles*).
- 215 *Salvia heerii* Regel, *Gartenflora* 4: 77. 1855. (*Cylindriflorae*).
- 216 *Salvia helianthemifolia* Benth., *Labiata. Gen. Spec.*: 254. 1833. (*Lavanduloideae*).
- 217 *Salvia herbacea* Benth., *Labiata. Gen. Spec.*: 720. 1835. (*Bracteata*).
- 218 *Salvia hermesiana* Fern. Alonso, *Anales Jard. Bot. Madrid* 59: 345. 2002. (*Angulatae*).
- 219 *Salvia herrerae* Epling, *Repert. Spec. Nov. Regni Veg. Beih.* 85: 93. 1935. (*Secundae*).
- 220 *Salvia heterofolia* Epling & Mathias, *Brittonia* 8: 310. 1957. (*Lavanduloideae*).
- 221 *Salvia heterotricha* Fernald, *Proc. Amer. Acad. Arts* 35: 500. 1900. (*Farinaceae*).
- 222 *Salvia hidalgensis* Miranda, *Anales Inst. Biol. Univ. Nac. México* 21: 312. 1951.
(*Hidalgenses*).
- 223 *Salvia hilarii* Benth., *Labiata. Gen. Spec.*: 282. 1833. (*Nobiles*).
- 224 *Salvia hintonii* Epling, *Repert. Spec. Nov. Regni Veg. Beih.* 110: 73. 1938.
(*Uliginosae*).
- 225 *Salvia hirsuta* Jacq., *Pl. Hort. Schoenbr.* 3: 1. 1798. (*Glareosae*).

- 226 *Salvia hirta* Kunth, Nov. Gen. Sp. 2: 296. 1818). (*Cylindriflorae*).
- 227 *Salvia hirtella* Vahl, Enum. Pl. Obs. 1: 249. 1804. (*Phoeniceae*).
- 228 *Salvia hispanica* L., Sp. Pl.: 25. 1753. (*Potiles*).
- 229 *Salvia holwayi* S.F. Blake, Proc. Biol. Soc. Washington 33: 113. 1920. (*Holwaya*).
- 230 *Salvia hotteana* Urb. & Ekman, Ark. Bot. 20A(5): 45. 1926. (*Urbania*).
- 231 *Salvia humboldtiana* F. Dietr., Nachtr. Vollst. Lex. Gärtn. 7: 418. 1821. (*Tomentellae*).
- 232 *Salvia hunzikeri* A. Granda, Revista Peru. Biol. 17: 151. 2010. (*Flocculosae*).
- 233 *Salvia ianthina* Otto & A.Dietr., Allg. Gartenzeitung 15: 362. 1847. (*Coeruleae*).
- 234 *Salvia ibugana* J.G. González, Revista Mex. Biodivers. 84: 10. 2013. (*Angulatae*).
- 235 *Salvia incumbens* Urb. & Ekman, Ark. Bot. 20A(15): 85. 1926. (*Flocculosae*).
- 236 *Salvia incurvata* Ruiz & Pav., Fl. Peruv. 1: 24. 1798. (*Angulatae*).
- 237 *Salvia indigocephala* Ramamoorthy, Taxon 32: 466. 1983. (*Uliginosae*).
- 238 *Salvia infusata* Epling, Repert. Spec. Nov. Regni Veg. Beih. 110: 209. 1939.
(*Donnellsmithia*).
- 239 *Salvia innoxia* Epling & Mathias, Brittonia 8: 309. 1957. (*Malacophyllae*).
- 240 **Salvia inornata* Epling, Repert. Spec. Nov. Regni Veg. Beih. 110: 161. 1938.
(*Flocculosae*).
- 241 *Salvia integrifolia* Ruiz & Pav., Fl. Peruv. 1: 26. 1798. (*Cylindriflorae*).
- 242 *Salvia intonsa* Epling, Repert. Spec. Nov. Regni Veg. Beih. 85: 74. 1935. (*Angulatae*).
- 243 *Salvia involucrata* Cav., Icon. 2: 3. 1793. (*Holwaya*).
- 244 *Salvia iodantha* Fernald, Proc. Amer. Acad. Arts 35: 547. 1900. (*Iodanthae*).
- 245 *Salvia iodophylla* Epling, Repert. Spec. Nov. Regni Veg. Beih. 110: 141. 1938.
(*Iodophyllae*).
- 246 *Salvia ionocalyx* Epling, Repert. Spec. Nov. Regni Veg. Beih. 110: 231. 1939.

(*Carneae*).

247 *Salvia iuliana* Epling, Bull. Torrey Bot. Club 74: 516. 1947. (*Nobiles*).

248 *Salvia jacobi* Epling, Bull. Torrey Bot. Club 67: 522. 1940. (*Farinaceae*).

249 *Salvia jaimehintoniana* Ramamoorthy ex B.L. Turner, Phytologia 79: 97. 1995.

(*Farinaceae*).

250 *Salvia jamaicensis* Fawc., Symb. Antill. 1: 396. 1899. (*Tubiflorae*).

251 *Salvia jaramilloi* Fern. Alonso, Caldasia 25: 248. 2003. (*Angulatae*).

252 *Salvia karwinskii* Benth., Labiat. Gen. Spec.: 725. 1835. (*Holwaya*).

253 *Salvia keerlii* Benth., Labiat. Gen. Spec.: 263. 1833. (*Scorodonia*).

254 *Salvia kellermanii* Donn. Sm., Bot. Gaz. 56: 60. 1913. (*Donnellsmithia*).

255 **Salvia killipiana* Epling, Repert. Spec. Nov. Regni Veg. Beih. 85: 90. 1935.

(*Carneae*).

256 *Salvia lachnoclada* Briq., Annuaire Conserv. Jard. Bot. Genève 2: 154. 1898.

(*Ekmania*).

257 *Salvia lachnostachys* Benth., Labiat. Gen. Spec.: 267. 1833. (*Uliginosae*).

258 *Salvia lachnostoma* Epling, Repert. Spec. Nov. Regni Veg. Beih. 85: 41. 1935.

(*Longiflorae*).

259 *Salvia laevis* Benth., Labiat. Gen. Spec.: 251. 1833. (*Uliginosae*).

260 *Salvia lamiifolia* Jacq., Pl. Hort. Schoenbr. 3: 37. 1798. (*Briquetia*).

261 *Salvia langlassei* Fernald, Proc. Amer. Acad. Arts 45: 417. 1910. (*Membranaceae*).

262 *Salvia languidula* Epling, Repert. Spec. Nov. Regni Veg. Beih. 110: 246. 1939.

(*Angulatae*).

263 *Salvia lanicalyx* Epling, Repert. Spec. Nov. Regni Veg. Beih. 110: 190. 1939.

(*Farinaceae*).

- 264 *Salvia lanicaulis* Epling & Játiva, Brittonia 15: 374. 1963. (*Cylindriflorae*).
- 265 *Salvia lapazana* B.L. Turner, Phytologia 92: 21. 2010. (*Peninsulares*).
- 266 *Salvia lasiantha* Benth., Labiat. Gen. Spec.: 276. 1833. (*Mitratae*).
- 267 *Salvia lasiocephala* Hook. & Arn., Bot. Beechey Voy.: 306. 1841. (*Membranaceae*).
- 268 *Salvia lavanduloides* Kunth, Nov. Gen. Sp. 2: 287. 1818). (*Lavanduloideae*).
- 269 *Salvia lavendula* Alain, Phytologia 64: 347. 1988. (not assigned).
- 270 *Salvia laxispicata* Epling, Repert. Spec. Nov. Regni Veg. Beih. 85: 69. 1935.
(*Angulatae*).
- 271 *Salvia leninae* Epling, Bull. Torrey Bot. Club 68: 565. 1941. (*Nivalis*).
- 272 *Salvia leptostachys* Benth., Labiat. Gen. Spec.: 258. 1833. (*Angulatae*).
- 273 *Salvia leucantha* Cav., Icon. 1: 16. 1791. (*Albolanatae*).
- 274 *Salvia leucocephala* Kunth, Nov. Gen. Sp. 2: 302. 1818). (*Leucocephalae*).
- 275 *Salvia leucochlamys* Epling, Bull. Torrey Bot. Club 67: 515. 1940. (*Lanatae*).
- 276 *Salvia libanensis* Rusby, Descr. S. Amer. Pl.: 110. 1920. (*Erythrostachys*).
- 277 *Salvia lineata* Benth., Labiat. Gen. Spec.: 724. 1835. (*Fulgentes*).
- 278 *Salvia littae* Vis., Nuovi Saggi Imp. Regia Accad. Sci. Padova 6: 87. 1847.
(*Purpureae*).
- 279 *Salvia lobbii* Epling, Repert. Spec. Nov. Regni Veg. Beih. 85: 38. 1935. (*Siphonantha*).
- 280 *Salvia longibracteolata* E.P. Santos, Bull. Mus. Natl. Hist. Nat. B Adansonia 16: 157.
1994. (*Secundae*).
- 281 *Salvia longispicata* M. Martens & Galeotti, Bull. Acad. Roy. Sci. Bruxelles 11(2): 73.
1844. (*Angulatae*).
- 282 *Salvia longistyla* Benth., Labiat. Gen. Spec.: 295. 1833. (*Curtiflorae*).
- 283 *Salvia lophanthoides* Fernald, Proc. Amer. Acad. Arts 35: 499. 1900.

(*Membranaceae*).

284 *Salvia loxensis* Benth., Pl. Hartw.: 145. 1845. (*Malacophyllae*).

285 *Salvia lozanoi* Fernald, Proc. Amer. Acad. Arts 43: 64. 1907. (*Uliginosae*).

286 *Salvia lycioides* A. Gray, Proc. Amer. Acad. Arts 21: 408. 1886. (*Flocculosae*).

287 *Salvia macellaria* Epling, Repert. Spec. Nov. Regni Veg. Beih. 110: 155. 1938.

(*Flocculosae*).

288 *Salvia macrocalyx* Gardner, London J. Bot. 4: 133. 1845. (*Nobiles*).

289 *Salvia macrophylla* Benth., Labiat. Gen. Spec.: 725. 1835. (*Hastatae*).

290 *Salvia macrostachya* Kunth, Nov. Gen. Sp. 2: 298. 1818). (*Macrostachyae*).

291 *Salvia madrensis* Seem., Bot. Voy. Herald: 327. 1856. (*Dusenostachys*).

292 *Salvia madrigalii* Zamudio & Bedolla, Brittonia 95: 77. 2017. (not assigned).

293 *Salvia malvifolia* Epling & Játiva, Brittonia 15: 372. 1963. (*Tomentellae*).

294 *Salvia manantlanensis* Ramamoorthy, Bull. Mus. Natl. Hist. Nat. B Adansonia 9: 173.

1987. (*Uliginosae*).

295 *Salvia manaurica* Fern.Alonso, Anales Jard. Bot. Madrid 59: 345. 2002. (*Purpureae*).

296 *Salvia mattogrossensis* Pilg., Bot. Jahrb. Syst. 30: 188. 1901. (*Secundae*).

297 *Salvia mcvaughii* Bedolla, Lara Cabrera & Zamudio, Acta Bot. Mex. 95: 53. 2011).

(*Polystachyae*).

298 *Salvia medusa* Epling & Játiva, Brittonia 15: 373. 1963. (*Siphonantha*).

299 *Salvia meera* Ramamoorthy ex J.G. González & Santana Mich., Revista Mex.

Biodivers. 83: 593. 2012. (*Tubiflorae*).

300 *Salvia melaleuca* Epling, Repert. Spec. Nov. Regni Veg. Beih. 85: 35. 1935.

(*Rubescentes*).

301 *Salvia melissiflora* Benth., Prodr. 12: 331. 1848. (*Secundae*).

- 302 *Salvia melissodora* Lag., Gen. Sp. Pl.: 2. 1816. (*Scorodonia*).
- 303 *Salvia mentiens* Pohl, Pl. Bras. Icon. Descr. 2: 137. 1833. (*Curtiflorae*).
- 304 *Salvia mexiae* Epling, Repert. Spec. Nov. Regni Veg. Beih. 110: 153. 1938.
(*Membranaceae*).
- 305 *Salvia mexicana* L., Sp. Pl.: 25. 1753. (*Briquetia*).
- 306 *Salvia microdictya* Urb. & Ekman, Ark. Bot. 20A(15): 87. 1926. (*Tubiflorae*).
- 307 *Salvia microphylla* Kunth, Nov. Gen. Sp. 2: 294. 1818). (*Fulgentes*).
- 308 *Salvia minarum* Briq., Bull. Herb. Boissier 4: 855. 1896. (*Rudes*).
- 309 *Salvia miniata* Fernald, Proc. Amer. Acad. Arts 35: 545. 1900. (*Silvicolae*).
- 310 *Salvia misella* Kunth, Nov. Gen. Sp. 2: 290. 1818). (*Microsphace*).
- 311 *Salvia mocinoi* Benth., Labiat. Gen. Spec.: 271. 1833. (*Membranaceae*).
- 312 **Salvia modica* Epling, Repert. Spec. Nov. Regni Veg. Beih. 110: 276. 1939.
(*Fulgentes*).
- 313 *Salvia monantha* Brandegee ex Epling, Repert. Spec. Nov. Regni Veg. Beih. 110: 18.
1938. (*Microsphace*).
- 314 *Salvia monclovensis* Fernald, Proc. Amer. Acad. Arts 35: 514. 1900. (*Dusenostachys*).
- 315 **Salvia moniliformis* Fernald, Proc. Amer. Acad. Arts 45: 418. 1910.
(*Lavanduloideae*).
- 316 *Salvia montecristina* Urb. & Ekman, Ark. Bot. 23A(11): 35. 1931. (*Urbania*).
- 317 *Salvia moranii* B.L. Turner, Phytologia 92: 22. 2010. (*Peninsulares*).
- 318 *Salvia mornicola* Urb. & Ekman, Ark. Bot. 20A(15): 88. 1926. (*Urbania*).
- 319 **Salvia muelleri* Epling, Repert. Spec. Nov. Regni Veg. Beih. 110: 163. 1938.
(*Flocculosae*).
- 320 **Salvia muscarioides* Fernald, Proc. Amer. Acad. Arts 35: 506. 1900.

(*Lavanduloideae*).

321 *Salvia nana* Kunth, Nov. Gen. Sp. 2: 289. 1818). (*Uliginosae*).

322 *Salvia neovidensis* Benth., Labiat. Gen. Spec.: 284. 1833. (*Curtiflorae*).

323 *Salvia nervata* M. Martens & Galeotti, Bull. Acad. Roy. Sci. Bruxelles 11(2): 77. 1844.

(*Curtiflorae*).

324 *Salvia nervosa* Benth., Labiat. Gen. Spec.: 268. 1833. (*Rudes*).

325 *Salvia nitida* (M. Martens & Galeotti) Benth., Prodr. 12: 300. 1848. (*Membranaceae*).

326 *Salvia nubigena* J.R.I. Wood & Harley, Kew Bull. 44: 236. 1989. (*Rubescentes*).

327 *Salvia nubilorum* Játiva & Epling, Brittonia 20: 309. 1968. (*Purpureae*).

328 *Salvia oaxacana* Fernald, Proc. Amer. Acad. Arts 35: 536. 1900. (*Conzattiana*).

329 *Salvia oblongifolia* M. Martens & Galeotti, Bull. Acad. Roy. Sci. Bruxelles 11(2): 79.

1844. (*Farinaceae*).

330 *Salvia obumbrata* Epling, Repert. Spec. Nov. Regni Veg. Beih. 105: 39. 1938.

(*Umbratiles*).

331 **Salvia occidentalis* Sw., Prodr. Veg. Ind. Occ.: 14. 1788. (*Microsphace*).

332 *Salvia occidua* Epling, Repert. Spec. Nov. Regni Veg. Beih. 110: 173. 1939.

(*Scorodonia*).

333 *Salvia occultiflora* Epling, Repert. Spec. Nov. Regni Veg. Beih. 85: 61. 1935.

(*Rhombifoliae*).

334 *Salvia ochrantha* Epling, Repert. Spec. Nov. Regni Veg. Beih. 95: 34. 1937.

(*Corrugatae*).

335 *Salvia ocimifolia* Epling, Repert. Spec. Nov. Regni Veg. Beih. 85: 69. 1935.

(*Angulatae*).

336 *Salvia odam* J.G. González, Syst. Bot. 40: 1096. 2015. (*Farinaceae*).

- 337 *Salvia oligantha* Dusén, Ark. Bot. 9(5): 16. 1909. (*Dusenostachys*).
- 338 *Salvia ombrophila* Dusén, Arq. Mus. Nac. Rio de Janeiro 13: 34. 1903. (*Tubiflorae*).
- 339 *Salvia omissa* J.G. González, Phytotaxa 236: 220. 2015. (*Sigmoideae*).
- 340 *Salvia opertiflora* Epling, Bull. Torrey Bot. Club 68: 568. 1941. (*Latentiflorae*).
- 341 *Salvia ophiocephala* J.R.I. Wood, Kew Bull. 62: 215. 2007. (*Angulatae*).
- 342 *Salvia oppositiflora* Ruiz & Pav., Fl. Peruv. 1: 26. 1798. (*Biflorae*).
- 343 *Salvia orbignaei* Benth., Prodr. 12: 338. 1848. (*Pavonia*).
- 344 *Salvia oreopola* Fernald, Proc. Amer. Acad. Arts 35: 517. 1900. (*Uliginosae*).
- 345 *Salvia oresbia* Fernald, Proc. Amer. Acad. Arts 35: 536. 1900. (*Brandegeia*).
- 346 *Salvia orthostachys* Epling, Repert. Spec. Nov. Regni Veg. Beih. 85: 36. 1935.
(*Rubescentes*).
- 347 *Salvia ovalifolia* A. St.-Hil. ex Benth., Labiat. Gen. Spec.: 267. 1833. (*Rudes*).
- 348 *Salvia oxyphora* Briq., Bull. Herb. Boissier 4: 864. 1896. (*Tuberosae*).
- 349 *Salvia ozolotepecensis* J.G. González & Fragoso, Phytotaxa 362: 145. 2018. (not assigned).
- 350 *Salvia palealis* Epling, Bull. Torrey Bot. Club 67: 519. 1940. (*Pedicellata*).
- 351 *Salvia palifolia* Kunth, Nov. Gen. Sp. 2: 303. 1818). (*Hastatae*).
- 352 *Salvia pallida* Benth., Labiat. Gen. Spec.: 250. 1833. (*Farinaceae*).
- 353 *Salvia palmeri* A. Gray, Proc. Amer. Acad. Arts 21: 408. 1886. (*Palmerostachys*).
- 354 *Salvia palmetorum* J.G. González & Carnahan, Revista Mex. Biodivers. 90: e902930. 2019. (*Tomentellae*).
- 355 *Salvia pamplonitana* Fern. Alonso, Caldasia 25: 249. 2003. (*Angulatae*).
- 356 *Salvia pannosa* Fernald, Proc. Amer. Acad. Arts 40: 54. 1905. (*Scorodonia*).
- 357 *Salvia pansamalensis* Donn. Sm., Bot. Gaz. 23: 249. 1897. (*Insignifoliae*).

- 358 *Salvia paposana* Phil., Reise Atacama: 39. 1860. (*Rhombifoliae*).
- 359 *Salvia paramicola* Fern. Alonso, Anales Jard. Bot. Madrid 52: 159. 1995.
(*Rubescentes*).
- 360 *Salvia parciflora* Urb., Repert. Spec. Nov. Regni Veg. 18: 368. 1922. (*Micranthae*).
- 361 *Salvia parryi* A. Gray, Proc. Amer. Acad. Arts 8: 369. 1870. (*Tomentellae*).
- 362 *Salvia paryskii* Skean & Judd, Brittonia 40: 16. 1988. (*Ekmania*).
- 363 *Salvia patens* Cav., Icon. 5: 33. 1799. (*Blakea*).
- 364 *Salvia patriciae* J.G. González & Martínez-Ambr., Phytotaxa 362: 151. 2018. (not assigned).
- 365 *Salvia pauciserrata* Benth., Pl. Hartw.: 241. 1846. (*Flexuosae*).
- 366 *Salvia paupercula* Epling, Repert. Spec. Nov. Regni Veg. Beih. 110: 173. 1939.
(*Scorodonia*).
- 367 *Salvia pavonii* Benth., Labiat. Gen. Spec.: 278. 1833. (*Punctatae*).
- 368 *Salvia penduliflora* Epling, Repert. Spec. Nov. Regni Veg. Beih. 85: 70. 1935.
(*Angulatae*).
- 369 *Salvia peninsularis* Brandegee, Zoe 5: 108. 1901. (*Peninsulares*).
- 370 *Salvia pennellii* Epling, Repert. Spec. Nov. Regni Veg. Beih. 110: 211. 1939.
(*Pennellia*).
- 371 *Salvia perblanda* Epling, Repert. Spec. Nov. Regni Veg. Beih. 110: 221. 1939.
(*Polystachyae*).
- 372 *Salvia peregrina* Epling, Brittonia 7: 134. 1951. (*Scorodonia*).
- 373 *Salvia pericona* B.L. Turner, Phytologia 91: 260. 2009. (*Scorodonia*).
- 374 *Salvia perlonga* Fernald, Proc. Amer. Acad. Arts 35: 546. 1900. (*Nelsonia*).
- 375 *Salvia perlucida* Epling, Repert. Spec. Nov. Regni Veg. Beih. 85: 72. 1935.

(*Angulatae*).

376 *Salvia perplicata* Epling, Repert. Spec. Nov. Regni Veg. Beih. 110: 247. 1939.

(*Angulatae*).

377 *Salvia persicifolia* A. St.-Hil. ex Benth., Labiat. Gen. Spec.: 281. 1833. (*Nobiles*).

378 *Salvia personata* Epling, Repert. Spec. Nov. Regni Veg. Beih. 85: 73. 1935.

(*Angulatae*).

379 *Salvia pexa* Epling, Repert. Spec. Nov. Regni Veg. Beih. 110: 303. 1939.

(*Conzattiana*).

380 *Salvia phaenostemma* Donn. Sm., Bot. Gaz. 23: 13. 1897. (*Sulcatae*).

381 *Salvia pichinchensis* Benth., Pl. Hartw.: 243. 1846. (*Siphonantha*).

382 *Salvia pineticola* Epling, Bull. Torrey Bot. Club 68: 562. 1941. (*Carneae*).

383 *Salvia platycheila* A. Gray, Proc. Amer. Acad. Arts 8: 292. 1870. (*Farinaceae*).

384 *Salvia platyphylla* Briq., Annuaire Conserv. Jard. Bot. Genève 2: 150. 1898.

(*Sigmoideae*).

385 *Salvia plumosa* Ruiz & Pav., Fl. Peruv. 1: 26. 1798. (*Leounuroideae*).

386 *Salvia plurispicata* Epling, Repert. Spec. Nov. Regni Veg. Beih. 110: 222. 1939.

(*Polystachyae*).

387 *Salvia podadena* Briq., Annuaire Conserv. Jard. Bot. Genève 2: 131. 1898.

(*Micranthae*).

388 *Salvia polystachya* Cav., Icon. 1: 17. 1791. (*Polystachyae*).

389 *Salvia potus* Epling, Repert. Spec. Nov. Regni Veg. Beih. 110: 105. 1938. (*Glareosae*).

390 *Salvia praestans* Epling, Bull. Torrey Bot. Club 67: 530. 1940. (*Hintoniana*).

391 *Salvia praeterita* Epling, Repert. Spec. Nov. Regni Veg. Beih. 110: 227. 1939.

(*Urbania*).

- 392 **Salvia prasiifolia* Benth., Bot. Voy. Sulphur: 151. 1846. (*Angulatae*).
- 393 *Salvia primuliformis* Epling, Repert. Spec. Nov. Regni Veg. Beih. 110: 166. 1939.
(*Tenuistachya*).
- 394 *Salvia pringlei* B.L. Rob. & Greenm., Proc. Amer. Acad. Arts 29: 391. 1894.
(*Tubiflorae*).
- 395 *Salvia procurrens* Benth., Labiat. Gen. Spec.: 266. 1833. (*Uliginosae*).
- 396 *Salvia propinqua* Benth., Labiat. Gen. Spec.: 267. 1833. (*Rudes*).
- 397 *Salvia prostrata* Hook. f., Trans. Linn. Soc. London 20: 200. 1847. (*Micranthae*).
- 398 *Salvia protracta* Benth., Prodr. 12: 309. 1848. (*Sigmoideae*).
- 399 *Salvia pruinosa* Fernald, Proc. Amer. Acad. Arts 35: 526. 1900. (*Tomentellae*).
- 400 *Salvia prunelloides* Kunth, Nov. Gen. Sp. 2: 289. 1818). (*Uliginosae*).
- 401 **Salvia prunifolia* Fernald, Proc. Amer. Acad. Arts 35: 518. 1900. (*Uliginosae*).
- 402 *Salvia pseudopallida* Epling, Bull. Torrey Bot. Club 67: 522. 1940. (*Farinaceae*).
- 403 *Salvia pseudorosmarinus* Epling, Bull. Torrey Bot. Club 68: 557. 1941. (*Corrugatae*).
- 404 *Salvia psilantha* Epling, Repert. Spec. Nov. Regni Veg. Beih. 85: 41. 1935.
(*Cylindriflorae*).
- 405 **Salvia psilophylla* Epling, Bull. Torrey Bot. Club 67: 527. 1940. (*Angulatae*).
- 406 *Salvia psilostachya* Epling, Repert. Spec. Nov. Regni Veg. Beih. 85: 65. 1935.
(*Macrostachyae*).
- 407 *Salvia pteroura* Briq., Annuaire Conserv. Jard. Bot. Genève 2: 139. 1898. (*Maxonia*).
- 408 **Salvia puberula* Fernald, Proc. Amer. Acad. Arts 35: 539. 1900. (*Holwaya*).
- 409 *Salvia pugana* J.G. González & Art. Castro, Phytotaxa 93: 52. 2013. (*Sigmoideae*).
- 410 *Salvia pulchella* DC., Cat. Pl. Horti Monsp.: 142. 1813. (*Fulgentes*).
- 411 *Salvia punctata* Ruiz & Pav., Fl. Peruv. 1: 27. 1798. (*Punctatae*).

- 412 *Salvia punicans* Epling, Bull. Torrey Bot. Club 67: 525. 1940. (*Carneae*).
- 413 *Salvia purepecha* Bedolla, Lara Cabrera & Zamudio, Acta Bot. Mex. 95: 56. 2011).
(*Polystachyae*).
- 414 *Salvia purpurea* Cav., Icon. 2: 52. 1793. (*Purpureae*).
- 415 *Salvia purpusii* Brandegee, Univ. Calif. Publ. Bot. 4: 187. 1911. (*Purpusiana*).
- 416 *Salvia pusilla* Fernald, Proc. Amer. Acad. Arts 35: 495. 1900. (*Uliginosae*).
- 417 *Salvia quercetorum* Epling, Repert. Spec. Nov. Regni Veg. Beih. 110: 46. 1938.
(*Sigmoideae*).
- 418 *Salvia quitensis* Benth., Prodr. 12: 339. 1848. (*Cylindriflorae*).
- 419 *Salvia ramamoorthyana* Espejo, Acta Bot. Mex. 23: 92. 1993. (*Sigmoideae*).
- 420 *Salvia ramirezii* J.G. González, Revista Mex. Biodivers. 84: 12. 2013. (*Sigmoideae*).
- 421 **Salvia ramosa* Brandegee, Zoe 5: 255. 1908. (*Scorodonia*).
- 422 *Salvia raveniana* Ramamoorthy, Brittonia 36: 297. 1984. (*Purpureae*).
- 423 *Salvia raymondii* J.R.I. Wood, Kew Bull. 62: 207. 2007. (*Angulatae*).
- 424 *Salvia recurva* Benth., Prodr. 12: 336. 1848. (*Dusenostachys*).
- 425 *Salvia reflexa* Hornem., Enum. Pl. Hort. Hafn.: 34. 1807. (*Glareosae*).
- 426 *Salvia reginae* J.G. González & J.H. Vega, Willdenowia 49: 320. 2019.
(*Dusenostachys*).
- 427 *Salvia regla* Cav., Icon. 5: 33. 1799. (*Erythrostachys*).
- 428 *Salvia regnelliana* Briq., Ark. Bot. 2(10): 3. 1904. (*Skeptostachys*).
- 429 *Salvia reptans* Jacq., Pl. Hort. Schoenbr. 3: 38. 1798. (*Farinaceae*).
- 430 *Salvia retinervia* Briq., Bull. Herb. Boissier 4: 857. 1896. (*Tomentellae*).
- 431 *Salvia revoluta* Ruiz & Pav., Fl. Peruv. 1: 28. 1798. (*Pavonia*).
- 432 *Salvia rhodostephana* Epling, Repert. Spec. Nov. Regni Veg. Beih. 110: 91. 1938.

(*Hastatae*).

433 *Salvia rhombifolia* Ruiz & Pav., Fl. Peruv. 1: 26. 1798. (*Rhombifoliae*).

434 **Salvia rhyacophila* Epling, Repert. Spec. Nov. Regni Veg. Beih. 110: 239. 1939.

(*Angulatae*).

435 *Salvia richardsonii* B.L. Turner, Phytologia 90: 171. 2008. (*Farinaceae*).

436 *Salvia rivularis* Gardner, Sert. Pl.: t. 20. 1843. (*Nobiles*).

437 *Salvia robertoana* Mart. Gord. & Fragoso, Phytotaxa 269: 272. 2016. (*Pennellia*).

438 *Salvia rogersiana* Ramamoorthy ex J.G. González & Cuevas, Revista Mex. Biodivers.
83: 598. 2012. (*Briquetia*).

439 *Salvia roscida* Fernald, Proc. Amer. Acad. Arts 35: 517. 1900. (*Angulatae*).

440 *Salvia rosei* Fernald, Proc. Amer. Acad. Arts 35: 548. 1900. (*Pruinosae*).

441 *Salvia rosmarinoides* A. St.-Hil. ex Benth., Labiat. Gen. Spec.: 269. 1833. (*Rudes*).

442 *Salvia rostellata* Epling, Repert. Spec. Nov. Regni Veg. Beih. 110: 66. 1938.

(*Uliginosae*).

443 *Salvia rubescens* Kunth, Nov. Gen. Sp. 2: 301. 1818). (*Rubescentes*).

444 **Salvia rubiginosa* Benth., Prodr. 12: 301. 1848. (*Membranaceae*).

445 *Salvia rubrifaux* Epling, Brittonia 7: 133. 1951. (*Cylindriflorae*).

446 *Salvia rubriflora* Epling, Brittonia 7: 132. 1951. (*Hastatae*).

447 *Salvia rubropunctata* B.L. Rob. & Fernald, Proc. Amer. Acad. Arts 30: 121. 1895.

(*Tomentellae*).

448 *Salvia rufula* Kunth, Nov. Gen. Sp. 3: 291. 1819). (*Tubiflorae*).

449 *Salvia rusbyi* Britton ex Rusby, Mem. Torrey Bot. Club 4: 246. 1895. (*Cylindriflorae*).

450 *Salvia rypara* Briq., Bull. Herb. Boissier 4: 850. 1896. (*Malacophyllae*).

451 *Salvia rzedowskii* Ramamoorthy, J. Arnold Arbor. 65: 139. 1984. (*Lavanduloideae*).

- 452 *Salvia saccifera* Urb. & Ekman, Ark. Bot. 20A(5): 46. 1926. (*Urbania*).
- 453 *Salvia sagittata* Ruiz & Pav., Fl. Peruv. 1: 23. 1798. (*Hastatae*).
- 454 *Salvia salicifolia* Pohl, Pl. Bras. Icon. Descr. 2: 140. 1833. (*Nobiles*).
- 455 *Salvia sanctae-luciae* Seem., Bot. Voy. Herald: 327. 1856. (*Membranaceae*).
- 456 *Salvia santanae* Ramamoorthy ex J.G. González & Guzm.-Hern., Revista Mex. Biodivers. 83: 600. 2012. (*Angulatae*).
- 457 **Salvia sapinea* Epling, Bull. Torrey Bot. Club 68: 561. 1941. (*Scorodonia*).
- 458 *Salvia sarmentosa* Epling, Repert. Spec. Nov. Regni Veg. Beih. 85: 79. 1935. (*Flocculosae*).
- 459 *Salvia scabrata* Britton & P. Wilson, Mem. Torrey Bot. Club 16: 99. 1920. (*Muricatae*).
- 460 *Salvia scabrida* Pohl, Pl. Bras. Icon. Descr. 2: 140. 1833. (*Asperifoliae*).
- 461 *Salvia scandens* Epling, Repert. Spec. Nov. Regni Veg. Beih. 85: 41. 1935. (*Weberbaueria*).
- 462 *Salvia scaposa* Epling, Repert. Spec. Nov. Regni Veg. Beih. 110: 35. 1938. (*Lavanduloideae*).
- 463 *Salvia schaffneri* Fernald, Proc. Amer. Acad. Arts 35: 535. 1900. (*Fulgentes*).
- 464 *Salvia sciaphila* (J.R.I. Wood & Harley) Fern. Alonso, Caldasia 25: 263. 2003. (*Carneae*).
- 465 *Salvia scoparia* Epling, Brittonia 12: 148. 1960. (*Farinaceae*).
- 466 *Salvia scutellarioides* Kunth, Nov. Gen. Sp. 2: 304. 1818. (*Hastatae*).
- 467 *Salvia secunda* Benth., Labiat. Gen. Spec.: 285. 1833. (*Secundae*).
- 468 *Salvia seemannii* Fernald, Proc. Amer. Acad. Arts 35: 516. 1900. (*Angulatae*).
- 469 *Salvia selleana* Urb., Repert. Spec. Nov. Regni Veg. 13: 476. 1915. (*Gardoquiflorae*).

- 470 *Salvia sellowiana* Benth., Prodr. 12: 329. 1848. (*Nobiles*).
- 471 *Salvia semiatrata* Zucc., Abh. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss. 1: 298.
1832. (*Atratae*).
- 472 *Salvia semiscaposa* Epling ex Fragoso & Mart. Gord., Phytotaxa 219: 60. 2015.
(*Lavanduloideae*).
- 473 *Salvia serotina* L., Mant. Pl. 1: 25. 1767. (*Micranthae*).
- 474 *Salvia serpyllifolia* Fernald, Proc. Amer. Acad. Arts 35: 521. 1900. (*Flocculosae*).
- 475 *Salvia serranoae* J.R.I. Wood, Kew Bull. 62: 196. 2007. (*Malacophyllae*).
- 476 *Salvia sessei* Benth., Labiat. Gen. Spec.: 288. 1833. (*Erythrostachys*).
- 477 *Salvia setulosa* Fernald, Proc. Amer. Acad. Arts 36: 499. 1901. (*Uliginosae*).
- 478 *Salvia shannonii* Donn. Sm., Bot. Gaz. 19: 256. 1893. (*Donnellsmithia*).
- 479 *Salvia sigchosica* Fern. Alonso, Anales Jard. Bot. Madrid 63: 154. 2006.
(*Siphonantha*).
- 480 *Salvia silvarum* Epling, Repert. Spec. Nov. Regni Veg. Beih. 85: 91. 1935.
(*Umbratiles*).
- 481 *Salvia similis* Brandegee, Zoe 5: 108. 1901. (*Farinaceae*).
- 482 *Salvia simulans* Fernald, Proc. Amer. Acad. Arts 43: 66. 1907. (*Carneae*).
- 483 *Salvia sirenis* J.G. González & González-Adame, Phytotaxa 362: 154. 2018.
(*Scorodonia*).
- 484 *Salvia sochensis* (J.R.I. Wood & Harley) Fern. Alonso, Caldasia 25: 255. 2005.
(*Angulatae*).
- 485 *Salvia sophrona* Briq., Bull. Herb. Boissier 4: 854. 1896. (*Malacophyllae*).
- 486 *Salvia sordida* Benth., Pl. Hartw.: 241. 1846. (*Purpureae*).
- 487 *Salvia speciosa* C. Presl ex Benth., Labiat. Gen. Spec.: 272. 1833. (*Macrostachyae*).

- 488 *Salvia speirematoides* C. Wright, *Anales Acad. Ci. Méd. Habana* 7: 53. 1870.
(*Brittonia*).
- 489 *Salvia spellenbergii* J.G. González, *Willdenowia* 49: 323. 2019. (*Tomentellae*).
- 490 *Salvia sphacelifolia* Epling, *Repert. Spec. Nov. Regni Veg. Beih.* 110: 177. 1939.
(*Scorodonia*).
- 491 *Salvia sphacelioides* Benth., *Prodr.* 12: 337. 1848. (*Angulatae*).
- 492 *Salvia splendens* Sellow ex Wied-Neuw., *Flora* 4: 300. 1821. (*Secundae*).
- 493 *Salvia sprucei* Briq., *Annuaire Conserv. Jard. Bot. Genève* 2: 171. 1898.
(*Cylindriflorae*).
- 494 *Salvia squalens* Kunth, *Nov. Gen. Sp.* 2: 297. 1818). (*Biflorae*).
- 495 *Salvia stachydifolia* Benth., *Prodr.* 12: 311. 1848. (*Malacophyllae*).
- 496 *Salvia stachyoides* Kunth, *Nov. Gen. Sp.* 2: 287. 1818). (*Lavanduloideae*).
- 497 *Salvia stolonifera* Benth., *Pl. Hartw.*: 70. 1840. (*Holwaya*).
- 498 *Salvia striata* Benth., *Prodr.* 12: 343. 1848. (*Biflorae*).
- 499 *Salvia strobilanthoides* C. Wright ex Griseb., *Cat. Pl. Cub.*: 214. 1866. (*Wrightiana*).
- 500 *Salvia styphelus* Epling, *Repert. Spec. Nov. Regni Veg. Beih.* 110: 52. 1938.
(*Corrugatae*).
- 501 *Salvia subaequalis* Epling, *Repert. Spec. Nov. Regni Veg. Beih.* 110: 225. 1939.
(*Urbania*).
- 502 *Salvia subglabra* (Urb.) Urb., *Ark. Bot.* 20A(5): 46. 1926. (*Urbania*).
- 503 *Salvia subhastata* Epling, *Repert. Spec. Nov. Regni Veg. Beih.* 110: 303. 1939.
(*Sphacelioides*).
- 504 *Salvia subincisa* Benth., *Pl. Hartw.*: 20. 1839. (*Caducae*).
- 505 **Salvia subobscura* Epling, *Bull. Torrey Bot. Club* 67: 514. 1940. (*Lavanduloideae*).

506 *Salvia subpatens* Epling, Repert. Spec. Nov. Regni Veg. Beih. 110: 97. 1938. (*Blakea*).

507 *Salvia subrotunda* A. St.-Hil. ex Benth., Labiat. Gen. Spec.: 290. 1833. (*Subrotundae*).

508 *Salvia subrubens* Epling, Repert. Spec. Nov. Regni Veg. Beih. 110: 335. 1939.

(*Floridae*).

509 *Salvia subscandens* Epling & Játiva, Brittonia 20: 308. 1968. (*Tomentellae*).

510 *Salvia sucrensis* J.R.I. Wood, Kew Bull. 62: 201. 2007. (*Malacophyllae*).

511 *Salvia synodonta* Epling, Bull. Torrey Bot. Club 67: 528. 1940. (*Briquetia*).

512 *Salvia tafallae* Benth., Labiat. Gen. Spec.: 260. 1833. (*Rhombifoliae*).

513 *Salvia tehuacana* Fernald, Proc. Amer. Acad. Arts 40: 53. 1905. (*Caduceae*).

514 *Salvia tenella* Sw., Prodr. Veg. Ind. Occ.: 14. 1788. (*Micranthae*).

515 *Salvia tenorioi* Ramamoorthy ex B.L. Turner, Phytologia 91: 262. 2009. (*Scorodonia*).

516 *Salvia tenuiflora* Epling, Repert. Spec. Nov. Regni Veg. Beih. 85: 48. 1935.

(*Curtiflorae*).

517 **Salvia teresae* Fernald, Proc. Amer. Acad. Arts 35: 506. 1900. (*Lavanduloideae*).

518 *Salvia tetramerioides* Mart. Gord., Fragoso & García-Peña, Phytotaxa 245: 217. 2016).

(*Uliginosae*).

519 *Salvia textitlana* B.L. Turner, Phytologia 91: 454. 2009. (*Uliginosae*).

520 *Salvia thomasiana* Urb., Symb. Antill. 7: 358. 1912. (*Micranthae*).

521 *Salvia thormannii* Urb., Symb. Antill. 7: 365. 1912. (*Ekmania*).

522 *Salvia thymoides* Benth., Labiat. Gen. Spec.: 255. 1833. (*Flocculosae*).

523 *Salvia thyrsiflora* Benth., Bot. Voy. Sulphur: 151. 1846. (*Sigmoideae*).

524 *Salvia tilantongensis* J.G. González & Aguilar-Sant., Acta Bot. Mex. 109: 13. 2014.

(*Holwaya*).

525 *Salvia tiliifolia* Vahl, Symb. Bot. 3: 7. 1794. (*Angulatae*).

- 526 *Salvia toaensis* Alain, J. Bot. Res. Inst. Texas 2: 1165. 2008. (NA).
- 527 *Salvia tolimensis* Kunth, Nov. Gen. Sp. 2: 292. 1818). (*Purpureae*).
- 528 *Salvia tomentella* Pohl, Pl. Bras. Icon. Descr. 2: 138. 1833. (*Albolanatae*).
- 529 *Salvia tonalensis* Brandegee, Univ. Calif. Publ. Bot. 6: 61. 1914. (*Polystachyae*).
- 530 *Salvia tonaticensis* Ramamoorthy ex Lara Cabrera, Bedolla & Zamudio, Brittonia 66:
2. 2014). (*Polystachyae*).
- 531 *Salvia topiensis* J.G. González, Phytotaxa 77: 13. 2013. (*Polystachyae*).
- 532 *Salvia tortuensis* Urb., Ark. Bot. 20A(15): 88. 1926. (*Urbania*).
- 533 *Salvia tortuosa* Kunth, Nov. Gen. Sp. 2: 292. 1818). (*Tubiflorae*).
- 534 *Salvia trachyphylla* Epling, Repert. Spec. Nov. Regni Veg. Beih. 85: 38. 1935.
(*Cylindriflorae*).
- 535 *Salvia trichopes* Epling, Bull. Torrey Bot. Club 68: 564. 1941. (*Angulatae*).
- 536 *Salvia trichostephana* Epling, Bull. Torrey Bot. Club 68: 558. 1941. (*Gentryana*).
- 537 *Salvia tricuspida* M. Martens & Galeotti, Bull. Acad. Roy. Sci. Bruxelles 11(2): 78.
1844. (*Uliginosae*).
- 538 *Salvia trifilis* Epling, Bull. Torrey Bot. Club 68: 560. 1941. (*Flocculosae*).
- 539 *Salvia tubifera* Cav., Icon. 1: 16. 1791. (*Curtiflorae*).
- 540 *Salvia tubiflora* Sm., Pl. Icon. Ined. 1: 26. 1789. (*Biflorae*).
- 541 *Salvia tubulosa* Epling, Repert. Spec. Nov. Regni Veg. Beih. 85: 41. 1935.
(*Longiflorae*).
- 542 *Salvia tuerckheimii* Urb., Symb. Antill. 7: 364. 1912. (*Ekmania*).
- 543 *Salvia turneri* Ramamoorthy ex B.L. Turner, Phytologia 81: 330. 1997. (*Caducae*).
- 544 *Salvia tuxtlenensis* Ramamoorthy, Pl. Syst. Evol. 146: 142. 1984. (not assigned).
- 545 *Salvia uliginosa* Benth., Labiat. Gen. Spec.: 251. 1833. (*Uliginosae*).

546 *Salvia umbraticola* Epling, Repert. Spec. Nov. Regni Veg. Beih. 110: 265. 1939.

(*Maxonia*).

547 *Salvia umbratilis* Fernald, Proc. Amer. Acad. Arts 45: 421. 1910. (*Briquetia*).

548 *Salvia uncinata* Urb., Symb. Antill. 7: 364. 1912. (*Ekmania*).

549 *Salvia unguella* Epling, Bull. Torrey Bot. Club 67: 533. 1940. (*Secundae*).

550 *Salvia uncostata* Fernald, Proc. Amer. Acad. Arts 35: 501. 1900. (*Uliginosae*).

551 *Salvia univerticillata* Ramamoorthy ex Klitg., Novon 17: 208. 2007. (*Holwaya*).

552 *Salvia uribei* J.R.I. Wood & Harley, Kew Bull. 44: 261. 1989. (*Angulatae*).

553 *Salvia urica* Epling, Repert. Spec. Nov. Regni Veg. Beih. 110: 175. 1939.

(*Scorodonia*).

554 *Salvia urolepis* Fernald, Proc. Amer. Acad. Arts 45: 417. 1910. (*Angulatae*).

555 *Salvia urticifolia* L., Sp. Pl.: 24. 1753. (*Uliginosae*).

556 *Salvia uruapana* Fernald, Proc. Amer. Acad. Arts 45: 418. 1910. (*Angulatae*).

557 *Salvia vargas-llosae* Sagást. & E. Rodr., Revista Peru. Biol. 19: 139. 2012.

(*Cylindriflorae*).

558 *Salvia vargasii* Epling, Bull. Torrey Bot. Club 74: 514. 1947. (*Tomentellae*).

559 **Salvia variana* Epling, Repert. Spec. Nov. Regni Veg. Beih. 110: 170. 1939.

(*Scorodonia*).

560 *Salvia vazquezii* Iltis & Ramamoorthy, Brittonia 64: 345. 2012. (*Holwaya*).

561 *Salvia venturana* B.L. Turner, Phytoneuron 2013-36: 7. 2013. (*Flocculosae*).

562 *Salvia venulosa* Epling, Repert. Spec. Nov. Regni Veg. Beih. 85: 35. 1935.

(*Tubiflorae*).

563 *Salvia verecunda* Epling ex M.E. Jones, Contr. W. Bot. 18: 53. 1933.

(*Membranaceae*).

- 564 *Salvia veronicifolia* A. Gray, Proc. Amer. Acad. Arts 22: 444. 1887. (*Uliginosae*).
- 565 *Salvia vestita* Benth., Prodr. 12: 346. 1848. (*Longiflorae*).
- 566 *Salvia villosa* Fernald, Proc. Amer. Acad. Arts 35: 518. 1900. (*Uliginosae*).
- 567 *Salvia viscida* A. St.-Hil. ex Benth., Labiat. Gen. Spec.: 268. 1833. (*Rudes*).
- 568 *Salvia vitifolia* Benth., Labiat. Gen. Spec.: 724. 1835. (*Blakea*).
- 569 *Salvia wagneriana* Pol., Linnaea 41: 591. 1878. (*Holwaya*).
- 570 *Salvia weberbaueri* Epling, Repert. Spec. Nov. Regni Veg. Beih. 85: 42. 1935.
(*Longiflorae*).
- 571 *Salvia whitefoordiae* Klitg., Novon 17: 209. 2007. (*Holwaya*).
- 572 *Salvia wixarika* J.G. González, Phytotaxa 260: 178. 2016. (not assigned).
- 573 **Salvia xalapensis* Benth., Prodr. 12: 308. 1848. (*Angulatae*).
- 574 *Salvia xanthophylla* Epling & Játiva, Brittonia 15: 374. 1963. (*Flocculosae*).
- 575 *Salvia xanthotricha* Harley ex E.P. Santos, Kew Bull. 59: 290. 2004. (*Secundae*).
- 576 *Salvia xeropapillosa* Fern. Alonso, Revista Acad. Colomb. Ci. Exact. 74: 471. 1995.
(*Rubescentes*).
- 577 *Salvia xolocotzii* Bedolla & Zamudio, Phytotaxa 217: 43. 2015. (*Uliginosae*).
- 578 *Salvia yukoyukparum* Fern. Alonso, Novon 18: 38. 2008. (*Tomentellae*).
- 579 *Salvia zamoranensis* Zamudio & Bedolla, Phytotaxa 217: 48. 2015. (*Brandegeia*).
- 580 *Salvia zaragozana* B.L. Turner, Phytologia 90: 172. 2008. (*Farinaceae*).

Appendix 2. *Salvia* subgenus *Calosphace* (Benth.) Epling, checklist of infraspecific taxa.

- 1 *Salvia amethystina* Sm. subsp. *amethystina*
- 2 *Salvia amethystina* subsp. *sumapacis* Fern. Alonso, *Caldasia* 25: 268. 2003.
- 3 *Salvia amethystina* subsp. *vetasiana* Fern. Alonso, *Caldasia* 25: 270. 2003.
- 4 *Salvia aratocensis* (J.R.I. Wood & Harley) Fern. Alonso subsp. *aratocensis*
- 5 *Salvia aratocensis* subsp. *suratensis* (J.R.I. Wood & Harley) Fern. Alonso, *Caldasia* 25: 241. 2005.
- 6 *Salvia arenaria* A. St.-Hill. var. *arenaria*
- 7 *Salvia arenaria* var. *selowii* Benth., *Prodr.* 12: 306. 1848.
- 8 *Salvia azurea* Michx. ex Vahl subsp. *azurea*
- 9 *Salvia azurea* subsp. *pitcheri* (Torr. ex Benth.) Epling, *Bull. Geol. Nat. Hist. Surv.* 9: 76. 1894.
- 10 *Salvia camarifolia* Benth. subsp. *camarifolia*
- 11 *Salvia camarifolia* Benth. subsp. *ibiricensis* Fern. Alonso, *Anales Jard. Bot. Madrid* 59: 346. 2002.
- 12 *Salvia concolor* Lamb. ex Benth. var. *concolor*
- 13 *Salvia concolor* var. *iltisii* J.G. González & A. Vázquez, *Revista Mex. Biodivers.* 83: 592. 2012.
- 14 *Salvia cualensis* J.G. González var. *cualensis*
- 15 *Salvia cualensis* var. *perezii* J.G. González, *Phytotaxa* 74: 47. 2012.
- 16 *Salvia cuspidata* Ruiz & Pav. subsp. *cuspidata*
- 17 *Salvia cuspidata* subsp. *bangii* (Rusby) J.R.I. Wood, *Kew Bull.* 62: 186. 2007.
- 18 *Salvia cuspidata* subsp. *gilliesii* (Benth.) J.R.I. Wood, *Kew Bull.* 62: 186. 2007.
- 19 *Salvia cuspidata* subsp. *rosea* J.R.I. Wood, *Kew Bull.* 62: 188. 2007.

- 20 *Salvia cyanocephala* Epling subsp. *cyanocephala*
- 21 *Salvia cyanocephala* subsp. *macrosigmantha* Fern. Alonso, Repert. Spec. Nov. Regni Veg. Beih. 85: 126. 1936.
- 22 *Salvia elegans* Vahl var. *elegans*
- 23 *Salvia elegans* var. *sonorensis* Fernald, Proc. Amer. Acad. Arts 35: 550. 1900.
- 24 *Salvia erythrostoma* Epling subsp. *erythrostoma*
- 25 *Salvia erythrostoma* subsp. *isabelina* Fern. Alonso, Anales Jard. Bot. Madrid 53: 43. 1995.
- 26 *Salvia gachantivana* Fern. Alonso subsp. *gachantivana*
- 27 *Salvia gachantivana* Fern. Alonso subsp. *woodii* Fern. Alonso, Revista Acad. Colomb. Ci. Exact. 19: 472. 1995.
- 28 *Salvia melaleuca* Epling subsp. *melaleuca*
- 29 *Salvia melaleuca* subsp. *totensis* J.R.I. Wood & Harley, Kew Bull. 44: 234. 1989
- 30 *Salvia mexicana* L. var. *mexicana*
- 31 *Salvia mexicana* var. *minor* Benth. Prodr., 12: 337. 1848.
- 32 *Salvia orthostachys* Epling subsp. *orthostachys*
- 33 *Salvia orthostachys* Epling subsp. *soatensis* Fern. Alonso, Revista Acad. Colomb. Ci. Exact. 19: 470. 1995.
- 34 *Salvia ovalifolia* A. St.-Hill. ex Benth. var. *ovalifolia*
- 35 *Salvia ovalifolia* var. *nitidula* (Briq.) E.P. Santos, Mém. Soc. Biogéogr. III 4: 17. 1994.
- 36 *Salvia ovalifolia* var. *villosa* Benth., Labiat. Gen. Spec. 267. 1833.
- 37 *Salvia pauciserrata* Benth. subsp. *pauciserrata*
- 38 *Salvia pauciserrata* subsp. *calocalicina* (Benth.) J.R.I. Wood & Harley, Kew Bull. 44: 245. 1989.

- 39 *Salvia pauciserrata* subsp. *derasa* (Briq.) J.R.I. Wood & Harley, Kew Bull. 44: 244. 1989.
- 40 *Salvia pauciserrata* subsp. *erythrocalicina* J.R.I. Wood & Harley, Kew Bull. 44: 245. 1989.
- 41 *Salvia pauciserrata* subsp. *lasiocalicina* J.R.I. Wood & Harley, Kew Bull. 44: 245. 1989.
- 42 *Salvia punctata* Ruiz & Pav. var. *punctata*
- 43 *Salvia punctata* var. *glabra* Epling, Repert. Spec. Nov. Regni Veg. Beih. 85: 58. 1935.
- 44 *Salvia raymondii* J.R.I. Wood subsp. *raymondii*
- 45 *Salvia raymondii* subsp. *mairanae* J.R.I. Wood, Kew Bull. 62: 207. 2007.
- 46 *Salvia rubescens* Kunth subsp. *rubescens*
- 47 *Salvia rubescens* subsp. *colombiana* (Epling) J.R.I. Wood & Harley, Kew Bull. 44: 232. 1989
- 48 *Salvia rubescens* subsp. *dolichothrix* J.R.I. Wood & Harley, Kew Bull. 44: 229. 1989
- 49 *Salvia rubescens* subsp. *truxillensis* (Briq.) J.R.I. Wood & Harley, Kew Bull. 44: 231. 1989
- 50 *Salvia rufula* Benth. subsp. *rufula* var. *rufula*
- 51 *Salvia rufula* subsp. *latens* (Benth.) J.R.I. Wood & Harley, Kew Bull. 44: 268. 1989
- 52 *Salvia rufula* subsp. *paezorum* J.R.I. Wood & Harley, Kew Bull. 44: 265. 1989
- 53 *Salvia rufula* Benth. subsp. *rufula* var. *nutans* (Briq.) J.R.I. Wood & Harley, Kew Bull. 44: 265. 1989
- 54 *Salvia rypara* Briq. subsp. *rypara*
- 55 *Salvia rypara* subsp. *platystoma* (Epling) J.R.I. Wood, Bull. Herb. Boissier 4: 850. 1896
- 56 *Salvia sphacelioides* Benth. subsp. *sphacelioides*

- 57 *Salvia sphacelioides* subsp. *anaglypha* (Briq.) Fern. Alonso, *Caldasia* 25: 251. 2005
- 58 *Salvia sphacelioides* subsp. *paxfluminensis* Fern. Alonso, *Caldasia* 25: 253. 2003
- 59 *Salvia sphacelioides* subsp. *trianae* J.R.I. Wood & Harley, *Kew Bull.* 44: 257. 1989
- 60 *Salvia uliginosa* Benth. var. *uliginosa*
- 61 *Salvia uliginosa* var. *rufescens* Benth., *Prodr.* 12: 306. 1848
- 62 *Salvia vazquezii* Iltis & Ramamoorthy subsp. *vazquezii*
- 63 *Salvia vazquezii* subsp. *tancitaroensis* J.G. González & A. Vázquez, *Brittonia* 64: 348.
2012

Figure legends

Fig. 1 Representation of the different corolla shapes and colors exhibited by the species of *Salvia* subg. *Calosphace*. A *Salvia aspera*, B *S. atrocyanea*, C *S. axillaris*, D *S. exserta*, E *S. graciliramulosa*, F *S. haenkei*, G *S. lasiantha*, H *S. madrigalii*, I *S. patens*, J *S. personata*, K *S. procurrens*, L *S. recurva*, M *S. semiatrata*, N *S. sessei*, O *S. simulans* (pictures A and G taken by P. Carrillo-Reyes; B, D, E, and F were provided by the Darwin Initiative Project 16/11/010; C and M by H. Ávila-González; H, I and N by G. Cornejo-Tenorio; J and K by R. Uría; L and O by J.G. González-Gallegos).

Fig. 2 Description of species of *Salvia* subg. *Calosphace* through time. Species described (up) and species accumulated (down) by decade. Only currently accepted species are considered.

Fig. 3 Species richness of *Salvia* subg. *Calosphace* per American country or territory.

Fig. 4 Species richness of *Salvia* subg. *Calosphace* per American country or territory.

Richness is represented by a gradient color in green, the more intense the color value, the richness is higher. Countries or territories in white lack any native species of *Calosphace*. The numbers per area are also given, if there are endemic species, these are indicated after a virgule; zero values are omitted. A close up to Central American countries is given at the left, and another for the Caribbean ones at the right.

Fig. 5 Dendrogram of the American countries and territories based on an UPGMA analysis on a dissimilarity matrix of the composition of *Salvia* species with Sørensen index. Group A, eastern and southern South America; Group B, North America, Central America and northern South America; Group C, Caribbean Islands together with Belize. Bootstrap values higher than 80 shown above branches. The scale bar at the bottom is a reference to similarity distances.

Fig. 6 Dendrogram of the biomes based on an UPGMA analysis on a dissimilarity matrix of the composition of *Salvia* species with Sørensen index. DXS, Deserts and Xeric Shrublands; FGS, Flooded Grasslands and Savannas; MGS, Montane Grasslands and Shrublands; TBMF, Temperate Broadleaf and Mixed Forests; TCF, Temperate Coniferous Forests; TGSS, Temperate Grasslands, Savannas, and Shrublands; TSCF, Tropical and Subtropical Coniferous Forests; TSDBF, Tropical and Subtropical Dry Broadleaf Forests; TSGSS, Tropical and Subtropical Grasslands, Savannas, and Shrublands; TSMBLF, Tropical and Subtropical Moist Broadleaf Forests.

Supplementary materials

Supplementary material 1 References examined when preparing the *Salvia* subg.

Calosphace checklist and for extraction of the distribution of each species (many articles with the description of new species were also consulted, especially those published in the last 30 years; however, these were omitted from this list for simplicity).

Supplementary material 2 Preliminary checklist of the species of *Salvia* subg.

Calosphace.

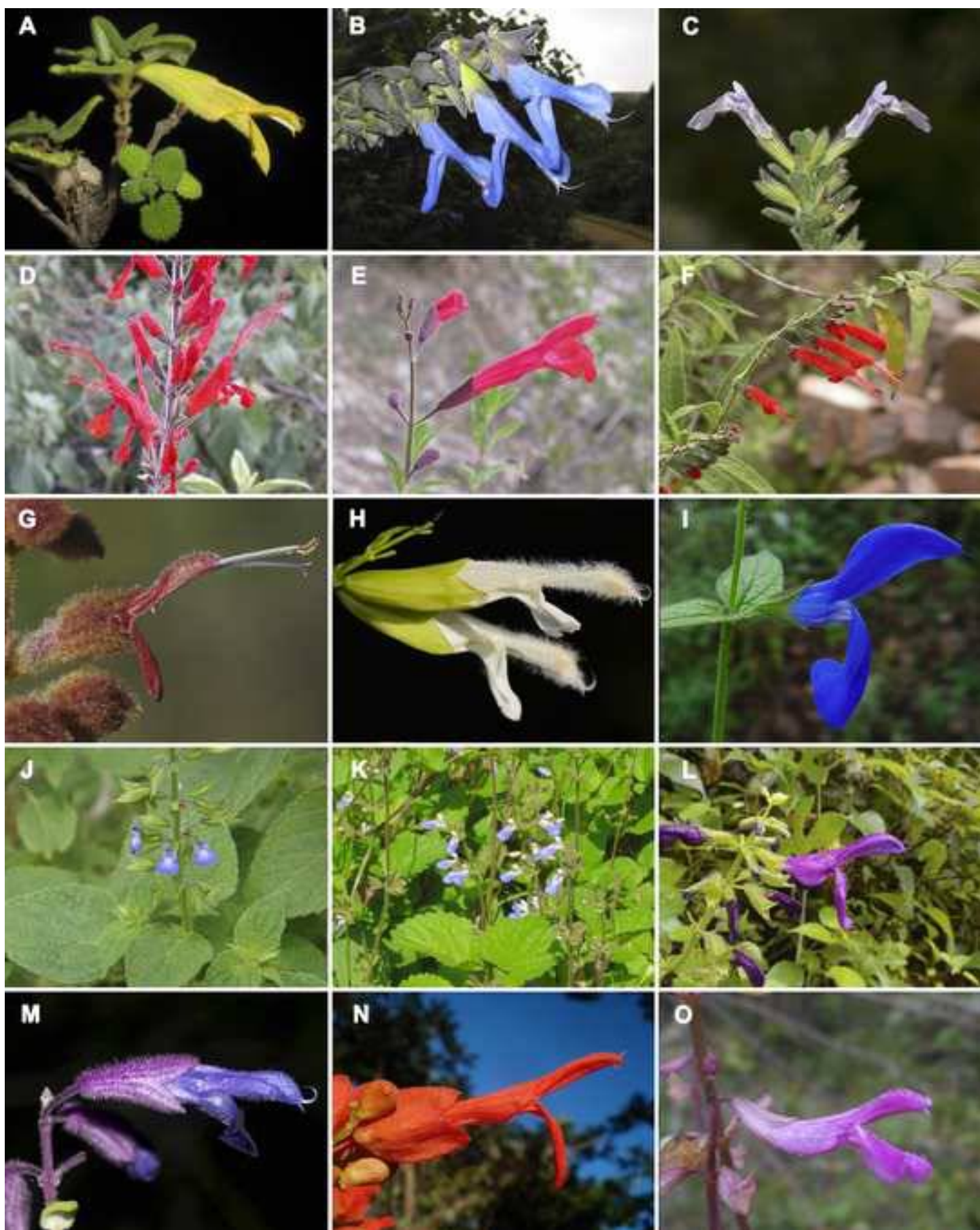
Supplementary material 3 Data matrix with the distribution of each species of *Salvia* subg. *Calosphace* by American country or territory.

Supplementary material 4 Data matrix with the distribution of each species of *Salvia* subg. *Calosphace* by American biome.

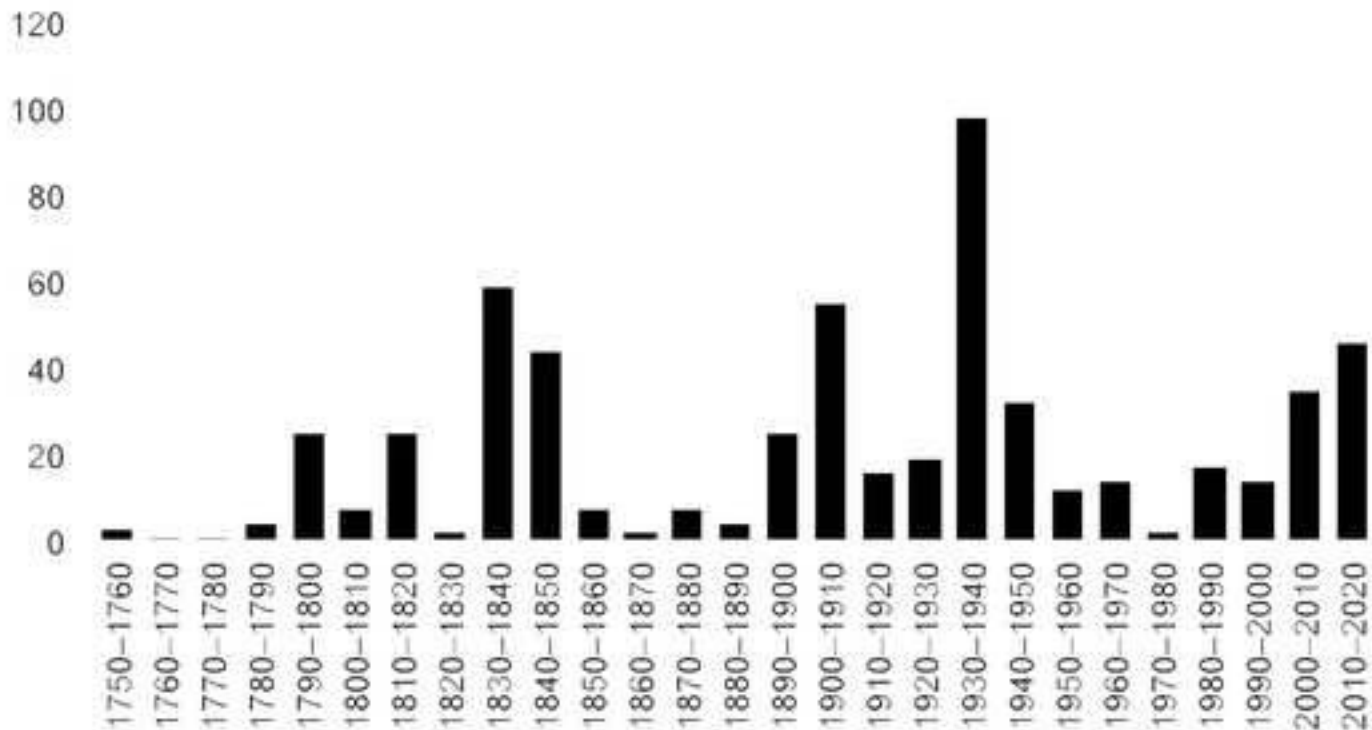
Supplementary material 5 Data matrix with the distribution of the endemic species by country of *Salvia* subg. *Calosphace*.

Supplementary material 6 Data matrix with the number of shared species of *Salvia* subg. *Calosphace* between countries.

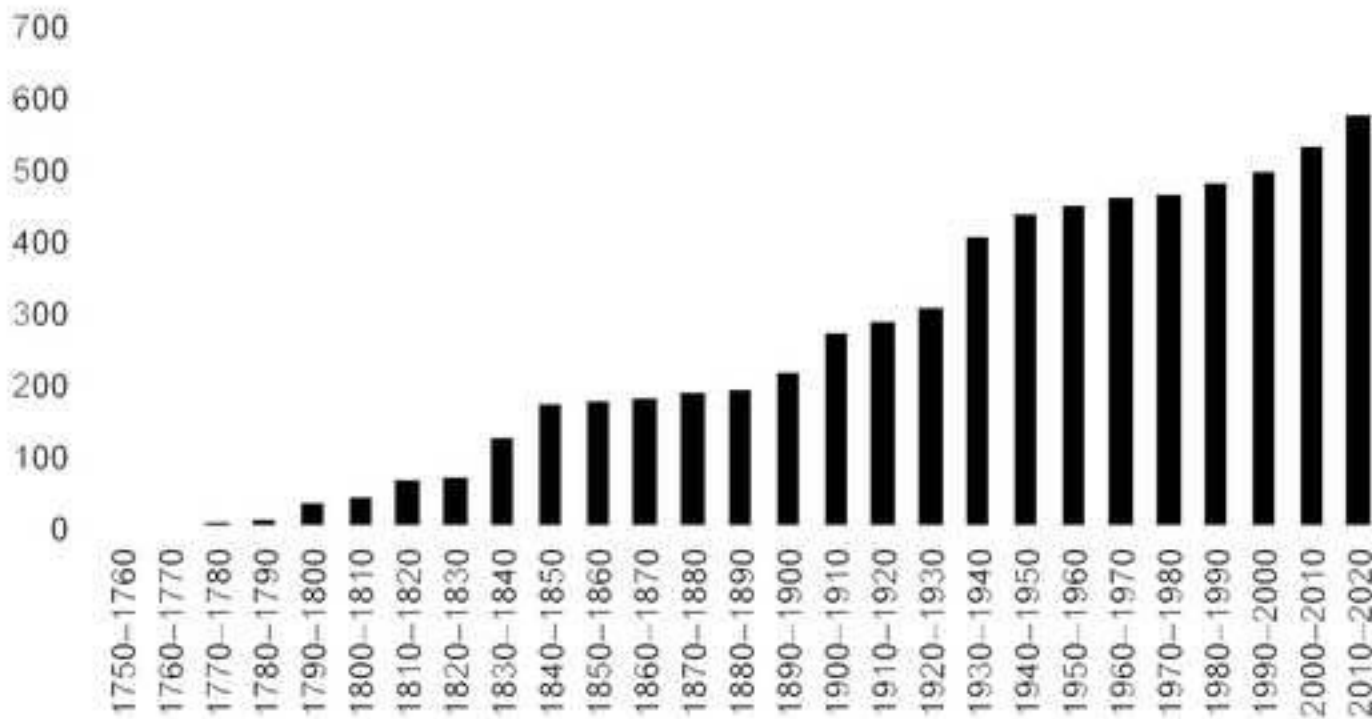
Supplementary material 7 Comparison between the checklist generated and the one available as part of Kew's project *World Checklist of Selected Plant Families* (Govaerts 2019).

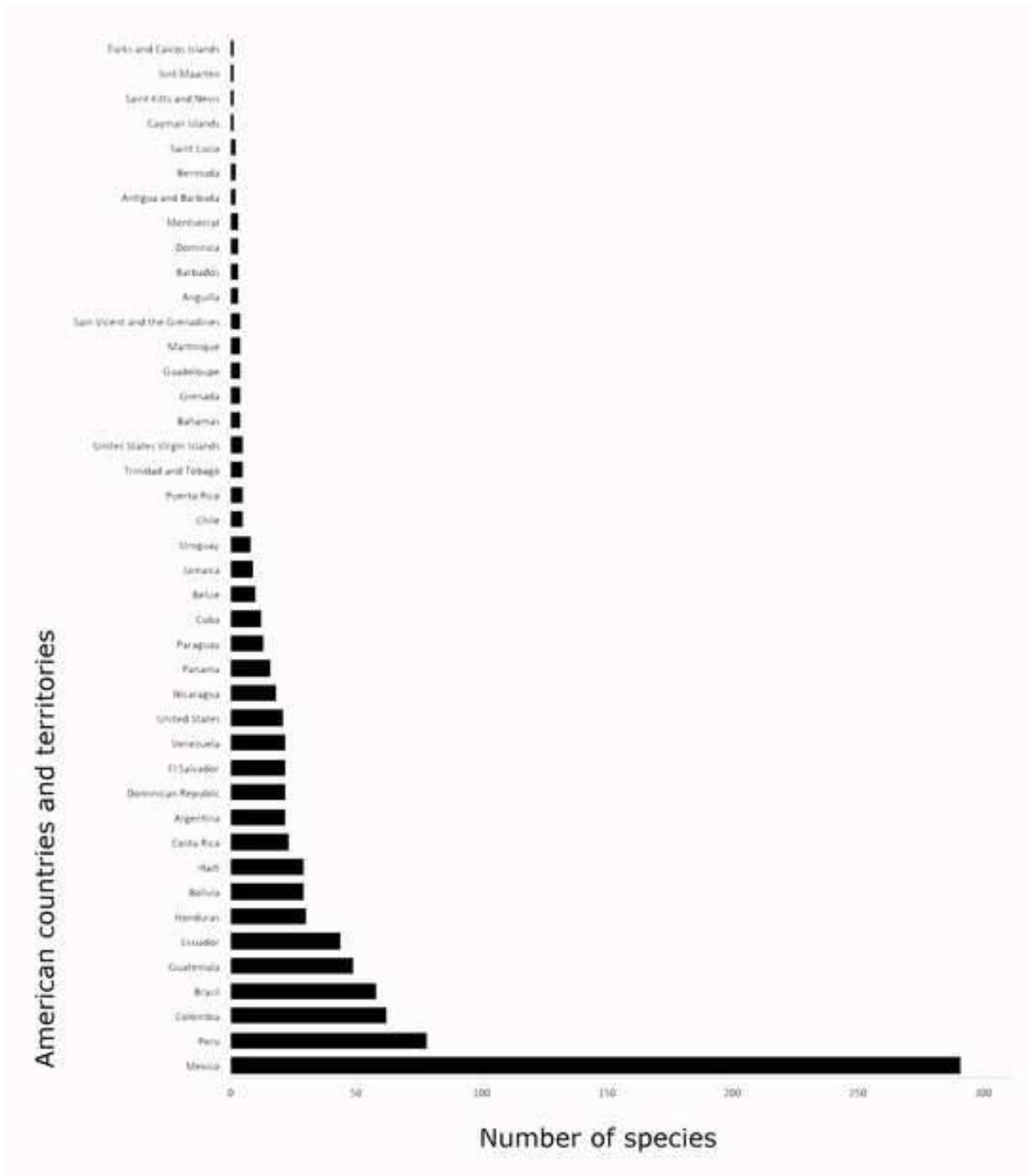


Species described per decade

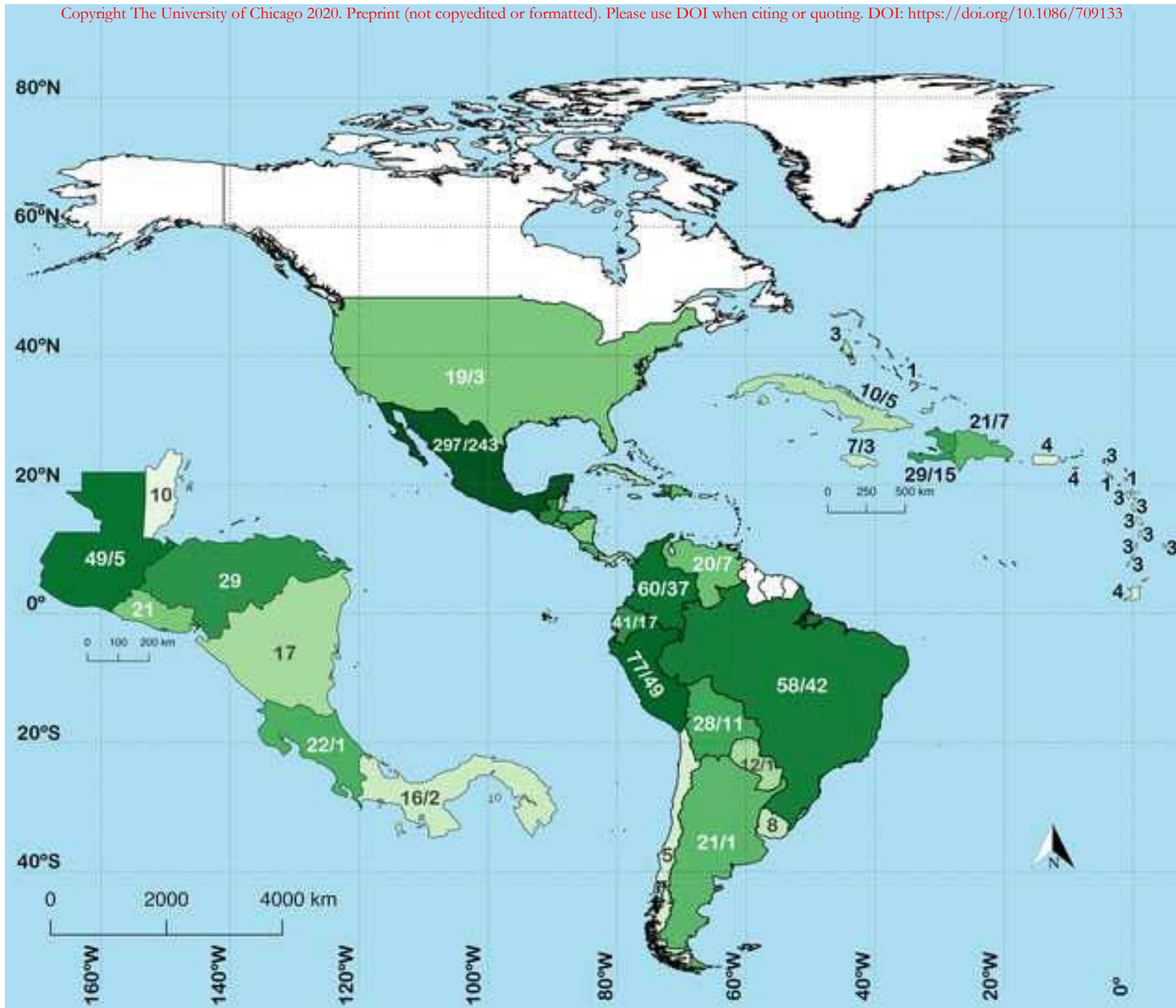


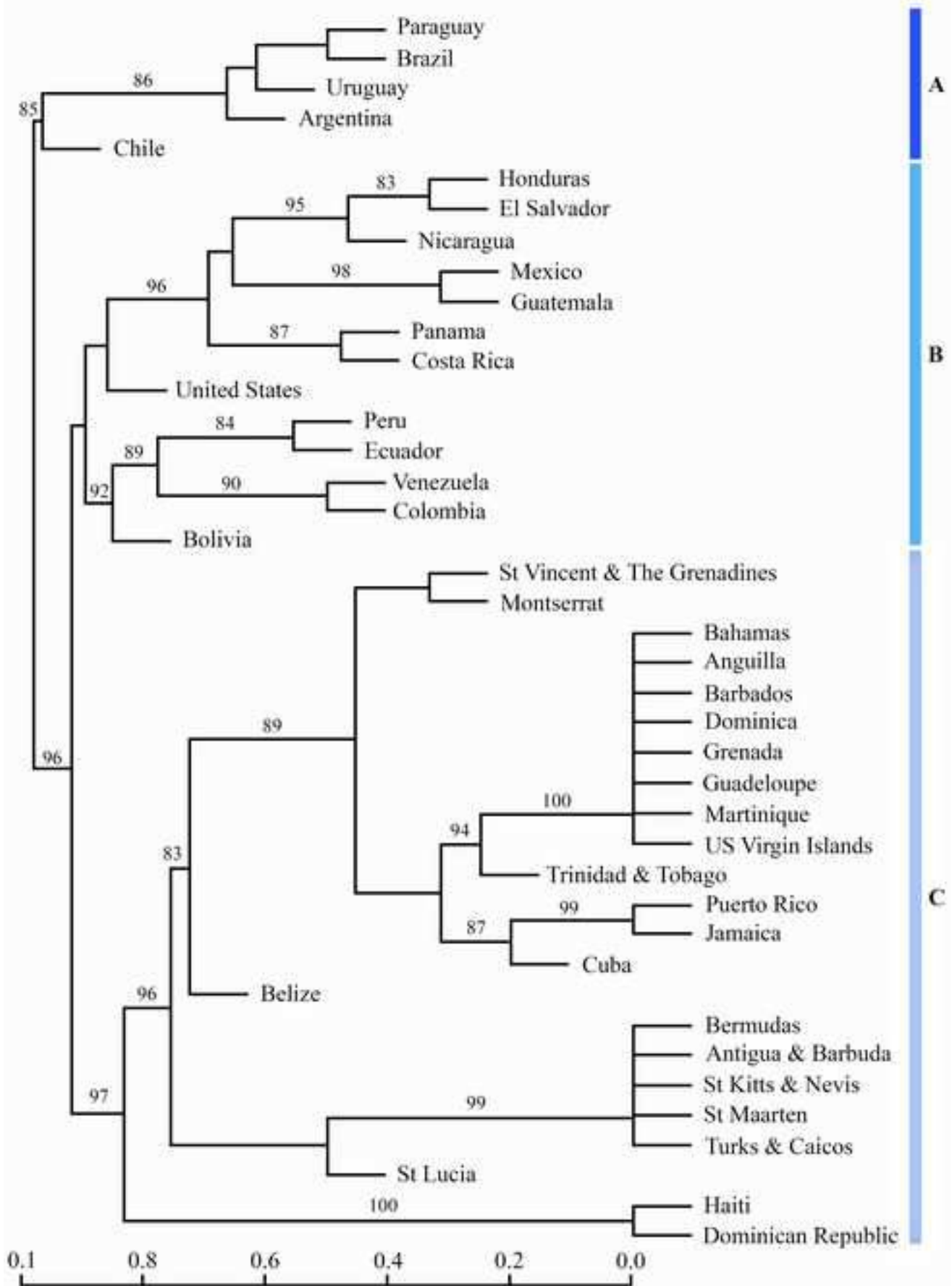
Accumulated species per decade



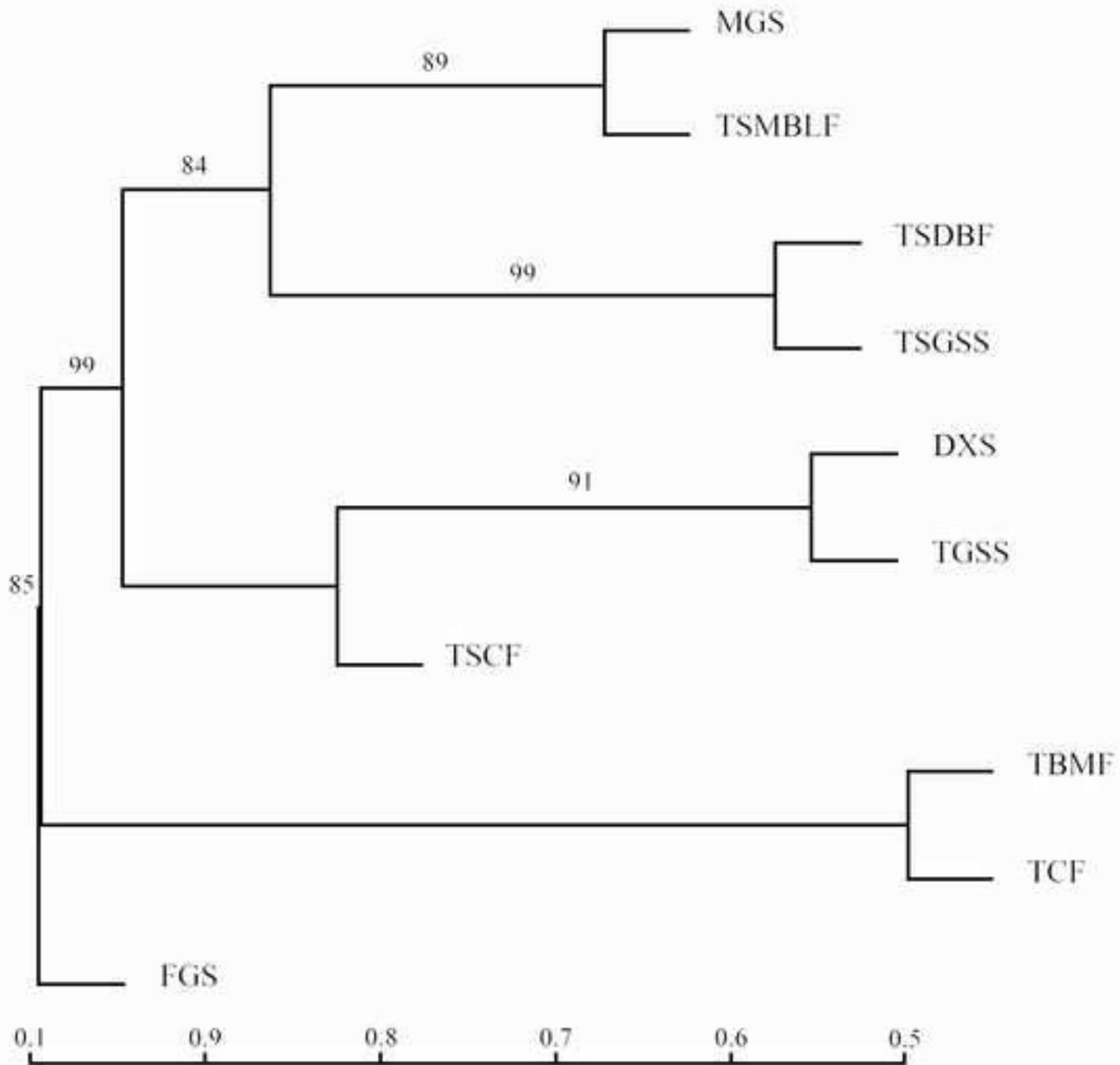


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Supplement Material 1. References examined when preparing the *Salvia* subg. *Calosphace* checklist and for extraction of the distribution of each species (many articles with the description of new species were also consulted, especially those published in the last 30 years; however, these were omitted from this list for simplicity).

Alziar G 1988–1993 Catalogue synonymique des *Salvia* L. du monde (Lamiaceae) I–IV. Biocosme Mesogéen 5: 87–136; 6: 79–115, 163–204; 7: 59–109; 9: 413–497; 10: 33–117.

Bedolla-García BY 2012 Filogenia de *Salvia* secc. *Polystachyae* (Lamiaceae). Universidad Michoacana de San Nicolás de Hidalgo, Morelia.

Bridgewater SGM, Harris DJ, Whitefoord C, Monro AK, Penn MG, Sutton DA, Sayer B, Adams B, Balick MJ, Atha DH, Solomon J, Holst BK 2006 A preliminary checklist of the vascular plants of The Chiquibul Forest, Belize. *Edinburgh J. Bot.* 63:269–321.

Briquet J 1898 Fragmenta monographiae labiatarum V, observations sur quelque Lamiées intéressantes ou nouvelles principalement de L'Herbier Delessert par John Briquet. *Annuaire Conserv. Jard. Bot. Genève* 2: 102–251.

Cornejo-Tenorio G, Ibarra-Manríquez G 2011 Diversidad y distribución del género *Salvia* (Lamiaceae) en Michoacán, México. *Revista Mex. Biodivers.* 82:1279–1296.

Correl DS, Johnston MC 1970 Manual of the vascular plants of Texas. Texas Research Foundation, Renner.

Dos Santos EP 1991 Genre *Salvia* L. sous-genre *Calosphace* (Benth.) Benth. section *Nobiles* (Benth.) Epl. (Labiatae). *Bradea* 5:436–454.

Dos Santos EP 1996 Révision de la section Rudes (Benth.) Epling du genre *Salvia* L., sous-genre *Calosphace* (Benth.) Benth. (Labiatae). *Candollea* 51: 19–57.

- Dos Santos EP 2004 Notes on *Salvia* sect. *Secundae* (Lamiaceae) and two new species from Brazil. *Kew Bull.* 59:285–290.
- Epling C 1935–1937 Synopsis of the South American Labiatae. *Repert. Spec. Nov. Regni Veg.* 85:1–341.
- Epling C 1939 A revision of *Salvia* subgenus *Calosphace*. *Repert. Spec. Nov. Regni Veg.* 110:1–383.
- Epling C 1940 Supplementary notes on American Labiatae. *Bull. Torrey Bot. Club* 67:509–534.
- Epling C 1941 Supplementary notes on American Labiatae II. *Bull. Torrey Bot. Club* 68:552–568.
- Epling C 1944 Supplementary notes on American Labiatae III. *Bull. Torrey Bot. Club* 71:484–497.
- Epling C 1947 Supplementary notes on American Labiatae IV. *Bull. Torrey Bot. Club* 74:512–518.
- Epling C 1951 Supplementary notes on American Labiatae V. *Brittonia* 7:129–142.
- Epling C 1960 Supplementary notes on American Labiatae VII. *Brittonia* 12:140–150.
- Epling C, Játiva CD 1963 Supplementary notes on American Labiatae VIII. *Brittonia* 15:366–376.
- Epling C, Játiva CD 1966 Supplementary notes on American Labiatae IX. *Brittonia* 18:255–265.
- Epling C, Játiva CD 1968 Supplementary notes on American Labiatae X. *Brittonia* 20:295–313.
- Epling C, Mathias ME 1957 Supplementary notes on American Labiatae VI. *Brittonia* 8:297–313.
- Espejo-Serna A, Ramamoorthy TP 1993 Revisión taxonómica de *Salvia* sección *Sigmoideae* (Lamiaceae). *Acta Bot. Mex.* 23:65–102.
- Fernald ML 1900 A synopsis of the Mexican and Central American species of *Salvia*. *Contr. Gray Herb.* 19:489–556.
- Fernández-Alonso JL 1995a Estudios en Labiatae de Colombia I Novedades de los géneros *Salvia* e *Hyptis*. *Rev. Acad. Colomb. Ci. Exact.* 19:469–480.

- Fernández-Alonso JL 1995b Una nueva especie de *Salvia* (Labiatae) de Colombia. *Anales Jard. Bot. Madrid* 52:159–162.
- Fernández-Alonso JL 1995c Estudios en Labiatae de Colombia II Novedades en *Salvia* sect. *Longipes* Epl. *Anales Jard. Bot. Madrid* 53:41–46.
- Fernández-Alonso JL 2002 Estudios en Labiatae de Colombia III Novedades en *Lepechinia*, *Salvia* y *Satureja* de Colombia. *Anales Jard. Bot. Madrid* 59:344–348.
- Fernández-Alonso JL 2003 Estudios en Labiatae de Colombia IV Novedades en *Salvia* y sinopsis de las secciones *Angulatae* y *Purpureae*. *Caldasia* 25:235–281.
- Fernández-Alonso JL 2006 Revisión taxonómica de *Salvia* sect. *Siphonantha* (Labiatae). *Anales Jard. Bot. Madrid* 63:145–157.
- Fernández-Alonso JL, Rivera-Díaz O 2006 Las labiadas (familia Labiatae). Pages 385–582 in Galeano G, García N, eds. *Libro Rojo de las plantas de Colombia 3*. Instituto Alexander von Humboldt, Instituto de Ciencias de la Universidad Nacional de Colombia, Ministerio de Ambiente, Vivienda y Desarrollo Territorial, Bogotá.
- Fernández-Alonso JL 2013 *Salvia guacana*, una nueva Labiatae de Colombia con flors resupinadas y sinopsis de *Salvia tubiflorae*. *Rev. Acad. Colomb. Ci. Exact.* 36:349–362.
- Fragoso-Martínez I 2011 Revisión taxonómica de la sección *Membranaceae* del género *Salvia* en México. Universidad Nacional Autónoma de México, Mexico city.
- González-Gallegos JG 2014 Revision of *Salvia* subg. *Calosphace* sect. *Membranaceae* (Lamiaceae). *Telopea* 16:43–81.
- González-Gallegos JG, Gama-Villanueva OJ 2013. Resurrection of *Salvia* species (Lamiaceae) recently synonymized in Flora Mesoamericana. *Phytotaxa* 151:1–24.

- González-Gallegos JG, Castro-Castro A, Quintero-Fuentes V, Mendoza-López ME, De Castro-Arce E 2016 Revisión taxonómica de Lamiaceae del occidente de México. *Ibugana* 7:3–545.
- González-Torres LR, Palmarola A., González-Oliva L, Bécquer ER, Testé E, Castañeira-Colomé MA, Barrios D, Gómez-Hechavarría JL, García-Beltrán JA, Granado L, Rodríguez-Cala D, Berazain R, Regalado L 2016 Lista Roja de la flora de Cuba. *Bissea* 10:33–238.
- Hooker WJ, Arnott GAW 1841 *The botany of captain Beechey's voyage*. Henry G Bohn, London.
- Howard RA, Kellogg EA 1987 Contributions to a Flora of Anguilla and adjacent islets. *J. Arnold Arb.* 68:105–131.
- Klitgaard B 2012 *Salvia* L. Pages 396–424 in Davidse G, Sousa S M, Knapp S, Chiang F, eds. *Flora mesoamericana* 4(2) Rubiaceae a Verbenaceae. Missouri Botanical Press, St. Louis.
- Lara-Cabrera SI, Bedolla-García BY, Zamudio S, Domínguez-Vázquez G 2016 Diversidad de Lamiaceae en el estado de Michoacán, México. *Acta Bot. Mex.* 116:107–149.
- MacBride JF 1960 Labiatae. Pages 721–829 in MacBride JF, ed. *Flora of Peru XIII* (part V, number 2). Field Museum of Natural History, Chicago.
- Martínez-Gordillo M, Bedolla-García B, Cornejo-Tenorio G, Fragoso-Martínez I, García-Peña MR, González-Gallegos JG, Lara-Cabrera SI, Zamudio S 2017 Lamiaceae de México. *Bot. Sci.* 95:780–806.
- Miranda F 1951 *Fouquieria fasciculata* y dos nuevas gamopétalas de México. *Anales Inst. Biol. Univ. Nac. Autón. México, Bot.* 21:312–314.
- Nowicke JW, Epling C 1969 Flora of Panama IX family 169 Labiatae. *Ann. Missouri Bot. Gard.* 56:71–111.
- O'Leary N, Moroni P 2016 Las especies de *Salvia* (Lamiaceae) para Argentina. *Darwiniana* 4:91–131.

- Olvera-Mendoza EI, Bedolla-García BY, Lara-Cabrera SI 2017 Revisión taxonómica de *Salvia* subgénero *Calosphace* sección *Scorodoniae* (Lamiaceae), endémica de México. *Acta Bot. Mex.* 118:7–39.
- Peterson KM 1978 Systematic studies of *Salvia* L. subgenus *Calosphace* (Benth.) Benth. in Benth, Hook. section *Farinaceae* (Epling) Epling (Lamiaceae). University of Maryland, Washington, DC.
- Pool A 2007 Lamiaceae. Pages 49–89 in Hammel BE, Grayum MH, Herrera C, Zamora N, eds. *Manual de plantas de Costa Rica VI dicotiledóneas (Haloragaceae-Phytolacaceae)*. Missouri Botanical Garden Press, St. Louis
- Ramamoorthy TP 2005 *Salvia* L. Pages 632–644 in Calderón de Rzedowski G, Rzedowski J, eds. *Flora fanerogámica del Valle de México*, 2 ed. Instituto de Ecología, A.C. and Comisión Nacional para el Conocimiento y Uso de la Biodiversidad, Pátzcuaro.
- Reiche C 1910 *Flora de Chile* 5. Imprenta Cervantes, Santiago de Chile.
- Standley P, Williams L 1973 Labiatae. *Flora of Guatemala* 24:237–317.
- Steyermark JA 1957 Contributions to the Flora of Venezuela. *Fieldiana* 28:1069–1225.
- Torke BM 2000 A revision of *Salvia* sect. *Ekmania* (Lamiaceae). *Brittonia* 52:265–302.
- Turner BL 1996 A new species of *Salvia* (sect. *Caducae*) from Guerrero, Mexico. *Phytologia* 81:329–332.
- Turner BL 1996 Synopsis of section *Axillaris* of *Salvia*. *Phytologia* 81:16–21.
- Turner BL 2008 Recension of *Salvia* sect. *Farinaceae* (Lamiaceae). *Phytologia* 90:163–175.
- Turner BL 2009a Recension of the Mexican species of *Salvia* (Lamiaceae), section *Scorodonia*. *Phytologia* 91:256–269.
- Turner BL 2009b. Recension of the Mexican species of section *Uliginosae* of *Salvia* (Lamiaceae). *Phytologia* 91:440–466.

Turner BL 2010. Recension of the Mexican species of *Salvia* (Lamiaceae), sect. *Peninsularis*.

Phytologia 92:20–26.

Turner BL 2011a Recension of Mexican species of *Salvia* sect. *Standleyana* (Lamiaceae).

Phytoneuron 2011-23:1–6.

Turner BL 2013b Taxonomic overview of the Mexican species of *Salvia* sect. *Flocculosae*

(Lamiaceae). Phytoneuron 36:1–11.

Wood JRI 2007 The salvias (Lamiaceae) of Bolivia. Kew Bull. 62:177–222.

Wood JRI, Harley RM 1989 The genus *Salvia* (Labiatae) in Colombia. Kew Bull. 44:211–278.

Zona S, Clase T, Franck A 2011 A synopsis of *Salvia* section *Wrightiana* (Lamiaceae). Harvard

Pap. Bot. 16:383–388.

Zona S, Finch K, Clase T, Jestrow B 2016 A synopsis of *Salvia* sect. *Gardoquiiflorae* (Lamiaceae)

with a note on the origins of Caribbean *Salvia* species. Phytotaxa 255:214–226.

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Species	Author
<i>S. acerifolia</i>	B.L. Turner
<i>S. acuminata</i>	Ruiz & Pav.
<i>S. adenophora</i>	Fernald
<i>S. aequidistans</i>	Fernald
<i>S. agnes</i>	Epling
<i>S. alamosana</i>	Rose
<i>S. alariformis</i>	L.O. Williams
<i>S. alata</i>	Epling
<i>S. alba</i>	J.R.I. Wood
<i>S. albicalyx</i>	J.G. González
<i>S. albiflora</i>	M. Martens & Galeotti
<i>S. albiterrarum</i>	J.G. González & Art. Castro
<i>S. albocaerulea</i>	Linden
<i>S. alborosea</i>	Epling & Játiva
<i>S. aliciae</i>	E.P. Santos
<i>S. aliena</i>	Greene
<i>S. altimitrata</i>	Epling
<i>S. altissima</i>	Pohl
<i>S. alvajaca</i>	Oerst.
<i>S. amarissima</i>	Ortega
<i>S. amethystina</i>	Sm.
<i>S. amissa</i>	Epling
<i>S. ampelophylla</i>	Epling
<i>S. amplifrons</i>	Briq.
<i>S. anaglypha</i>	Briq.
<i>S. anastomosans</i>	Ramamoorthy

<i>S. anguicoma</i>	Epling
<i>S. angulata</i>	Benth.
<i>S. angustiarum</i>	Epling
<i>S. aratocensis</i>	(J.R.I. Wood & Harley) Fern. Alonso
<i>S. arborescens</i>	Urb. & Ekman
<i>S. arbuscula</i>	Fernald
<i>S. arduinervis</i>	Urb. & Ekman
<i>S. arenaria</i>	A. St.-Hil. ex Benth.
<i>S. areolata</i>	Epling
<i>S. arizonica</i>	A. Gray
<i>S. arthrocoma</i>	Fernald
<i>S. articulata</i>	Epling
<i>S. aspera</i>	M. Martens & Galeotti
<i>S. assurgens</i>	Kunth
<i>S. atrocalyx</i>	Epling
<i>S. atrocaulis</i>	Fernald
<i>S. atrocyanea</i>	Epling
<i>S. atropaenulata</i>	Epling
<i>S. austromelissodora</i>	Epling & Játiva
<i>S. axillaris</i>	Moc. & Sessé ex Benth.
<i>S. axilliflora</i>	Epling
<i>S. ayavacensis</i>	Kunth
<i>S. azurea</i>	Michx. ex Vahl
<i>S. bahorucona</i>	Urb. & Ekman
<i>S. balaustina</i>	Pohl
<i>S. ballotiflora</i>	Benth.
<i>S. bangii</i>	Rusby

<i>S. bella</i>	Briq.
<i>S. benthamiana</i>	Gardner ex Fielding
<i>S. betulifolia</i>	Epling
<i>S. biserrata</i>	M. Martens & Galeotti
<i>S. blepharophylla</i>	Brandegees ex Epling
<i>S. boegei</i>	Ramamoorthy
<i>S. bogotensis</i>	Benth.
<i>S. booleana</i>	B.L. Turner
<i>S. borjensis</i>	E.P. Santos
<i>S. brachyloba</i>	Urb.
<i>S. brachyodonta</i>	Briq.
<i>S. brachyphylla</i>	Urb.
<i>S. breviflora</i>	Moc. & Sessé ex Benth.
<i>S. brevipes</i>	Benth.
<i>S. buechananii</i>	Hedge
<i>S. buchii</i>	Urb.
<i>S. bullulata</i>	Benth.
<i>S. bupleuroides</i>	C. Presl. ex Benth.
<i>S. caaguazuensis</i>	Briq.
<i>S. cabonii</i>	Urb.
<i>S. cacaliifolia</i>	Benth.
<i>S. cacomensis</i>	J.G. González, Morales-Arias & Rodr.-Hernández
<i>S. caeruleobracteata</i>	Mart. Gord, D. Sandoval & García-Mend.
<i>S. calaminthifolia</i>	Vahl
<i>S. calcicola</i>	Harley
<i>S. calderoniae</i>	Bedolla & Zamudio
<i>S. calocalicina</i>	Briq.

<i>S. calolophos</i>	Epling
<i>S. camarifolia</i>	Benth.
<i>S. camporum</i>	Epling
<i>S. campos-portoi</i>	Brade
<i>S. candicans</i>	M. Martens & Galeotti
<i>S. capillosa</i>	Epling
<i>S. carbonoi</i>	Fern. Alonso
<i>S. cardenasii</i>	J.R.I. Wood
<i>S. cardinalis</i>	Kunth
<i>S. cardiophylla</i>	Benth.
<i>S. carnea</i>	Kunth
<i>S. carranzae</i>	Zamudio & Bedolla
<i>S. carreyesii</i>	J.G. González
<i>S. carrilloi</i>	Véliz & Quedensley
<i>S. caudata</i>	Epling
<i>S. caymanensis</i>	Millsp. & Uline
<i>S. cedrosensis</i>	Greene
<i>S. cerradicola</i>	E.P. Santos
<i>S. chalarothyrsa</i>	Fernald
<i>S. chamaedryoides</i>	Cav.
<i>S. chapadensis</i>	E.P. Santos & Harley
<i>S. chapalensis</i>	Briq.
<i>S. chazaroana</i>	B.L. Turner
<i>S. chiapensis</i>	Fernald
<i>S. chicamochoae</i>	J.R.I. Wood & Harley
<i>S. chionophylla</i>	Fernald
<i>S. chorianthos</i>	Epling

<i>S. cinnabarina</i>	M. Martens & Galeotti
<i>S. clarendonensis</i>	Britton
<i>S. clarkcowanii</i>	B.L. Turner
<i>S. clinopodioides</i>	Kunth
<i>S. coahuilensis</i>	Fernald
<i>S. coccinea</i>	Buc'hoz ex Etl.
<i>S. cocuyana</i>	Fern. Alonso
<i>S. codazziana</i>	Fern. Alonso
<i>S. cognata</i>	Urb. & Ekman
<i>S. collinsii</i>	Donn. Sm.
<i>S. colombiana</i>	Epling
<i>S. colonica</i>	Standl. & Williams ex Klitg.
<i>S. comayaguana</i>	Standl.
<i>S. compacta</i>	Kuntze
<i>S. compsostachys</i>	Epling
<i>S. concolor</i>	Lamb. ex Benth.
<i>S. confertiflora</i>	Pohl
<i>S. confertispicata</i>	Fragoso & Mart. Gord
<i>S. congestiflora</i>	Epling
<i>S. connivens</i>	Epling
<i>S. consimilis</i>	Epling
<i>S. consobrina</i>	Epling
<i>S. corazonica</i>	Gilli
<i>S. cordata</i>	Benth.
<i>S. coriana</i>	Quedensley & Véliz
<i>S. corrugata</i>	Vahl
<i>S. costaricensis</i>	Oerst.

<i>S. costata</i>	Epling
<i>S. coulteri</i>	Fernald
<i>S. crucis</i>	Epling
<i>S. cruikshanksii</i>	Benth.
<i>S. cryptodonta</i>	Fernald
<i>S. cualensis</i>	J.G. González
<i>S. cuatrecasasiana</i>	Epling
<i>S. cubensis</i>	Britton & P.Wilson
<i>S. curta</i>	Epling
<i>S. curticalyx</i>	Epling
<i>S. curtiflora</i>	Epling
<i>S. curviflora</i>	Benth.
<i>S. cuspidata</i>	Ruiz & Pav.
<i>S. cyanantha</i>	Epling
<i>S. cyanicalyx</i>	Epling
<i>S. cyanicephala</i>	Epling
<i>S. cyanocephala</i>	Epling
<i>S. cyanotropha</i>	Epling
<i>S. cylindriflora</i>	Epling
<i>S. darcyi</i>	J. Compton
<i>S. dasycalyx</i>	Fernald
<i>S. debilis</i>	Epling
<i>S. decora</i>	Epling
<i>S. decumbens</i>	Alain
<i>S. decurrens</i>	Epling
<i>S. densiflora</i>	Benth.
<i>S. derasa</i>	Benth.

<i>S. diamantina</i>	E.P. Santos & Harley
<i>S. dichlamys</i>	Epling
<i>S. diegoae</i>	Mart. Gord. & Lozada-Pérez
<i>S. discolor</i>	Kunth
<i>S. disjuncta</i>	Fernald
<i>S. divinorum</i>	Epling & Játiva
<i>S. dombeyi</i>	Epling
<i>S. dorisiana</i>	Standl.
<i>S. drymocharis</i>	Epling
<i>S. dryophila</i>	Epling
<i>S. dugesiana</i>	Epling
<i>S. dugesii</i>	Fernald
<i>S. durangensis</i>	J.G. González
<i>S. durantiflora</i>	Epling
<i>S. durifolia</i>	Epling
<i>S. duripes</i>	Epling & Mathias
<i>S. ecuadorensis</i>	Briq.
<i>S. eizi-matudae</i>	Ramamoorthy
<i>S. elegans</i>	Vahl
<i>S. emaciata</i>	Epling
<i>S. eplingiana</i>	(Epling) Alziar
<i>S. eriocalyx</i>	Bertero ex Roem. & Schult.
<i>S. ernesti-vargasii</i>	C. Nelson
<i>S. erythrostephana</i>	Epling
<i>S. erythrostroma</i>	Epling
<i>S. espirito-santensis</i>	Brade & Barb.Per.
<i>S. evadens</i>	J.G. González & Art.Castro

<i>S. excelsa</i>	Benth.
<i>S. exilis</i>	Epling
<i>S. expansa</i>	Epling
<i>S. exserta</i>	Griseb.
<i>S. falcata</i>	J.R.I. Wood & Harley
<i>S. fallax</i>	Fernald
<i>S. farinacea</i>	Benth.
<i>S. fernaldii</i>	Stand.
<i>S. festiva</i>	Epling
<i>S. filifolia</i>	Ramamoorthy
<i>S. filipes</i>	Benth.
<i>S. firma</i>	Fernald
<i>S. flaccida</i>	Fernald
<i>S. flaccidifolia</i>	Fernald
<i>S. flocculosa</i>	Benth.
<i>S. florida</i>	Benth.
<i>S. fluviatilis</i>	Fernald
<i>S. formosa</i>	L'Hér.
<i>S. forreri</i>	Greene
<i>S. foveolata</i>	Urb. & Ekman
<i>S. fracta</i>	L.O. Williams
<i>S. fruticetorum</i>	Benth.
<i>S. fruticulosa</i>	Benth.
<i>S. fulgens</i>	Cav.
<i>S. funckii</i>	Briq.
<i>S. fusca</i>	Epling
<i>S. fuscomanicata</i>	Fern. Alonso

<i>S. gachantivana</i>	Fern. Alonso
<i>S. galinsogifolia</i>	Fernald
<i>S. galloana</i>	B.L. Turner
<i>S. gabilanensis</i>	Martínez-Ambr., Fragoso & Mart.Gord.
<i>S. gesneriiflora</i>	Lindl. & Paxton
<i>S. gilliesii</i>	Benth.
<i>S. glabra</i>	M. Martens & Galeotti
<i>S. glandulifera</i>	Cav.
<i>S. glechomifolia</i>	Kunth
<i>S. goldmanii</i>	Fernald
<i>S. gonzalezii</i>	Fernald
<i>S. gracilipes</i>	Epling
<i>S. graciliramulosa</i>	Epling & Játiva
<i>S. gracilis</i>	Benth.
<i>S. grandis</i>	Epling
<i>S. gravida</i>	Epling
<i>S. greggii</i>	A. Gray
<i>S. grewiifolia</i>	S. Moore
<i>S. grisea</i>	Epling & Mathias
<i>S. griseifolia</i>	Epling
<i>S. guacana</i>	Fern. Alonso
<i>S. guadalajarensis</i>	Briq.
<i>S. guaneorum</i>	Fern. Alonso
<i>S. guaranitica</i>	A. St.-Hil. ex Benth.
<i>S. guarinae</i>	Standl.
<i>S. guevarae</i>	Bedolla & Zamudio
<i>S. gypsophila</i>	B.L. Turner

<i>S. haenkei</i>	Benth.
<i>S. haitiensis</i>	Urb.
<i>S. hamulus</i>	Epling
<i>S. hapalophylla</i>	Epling
<i>S. harleyana</i>	E.P. Santos
<i>S. hatschbachii</i>	E.P. Santos
<i>S. heerii</i>	Regel
<i>S. helianthemifolia</i>	Benth.
<i>S. herbacea</i>	Benth.
<i>S. hermesiana</i>	Fern. Alonso
<i>S. herrerae</i>	Epling
<i>S. heterofolia</i>	Epling & Mathias
<i>S. heterotricha</i>	Fernald
<i>S. hidalgensis</i>	Miranda
<i>S. hilarii</i>	Benth.
<i>S. hintonii</i>	Epling
<i>S. hirsuta</i>	Jacq.
<i>S. hirta</i>	Kunth
<i>S. hirtella</i>	Vahl
<i>S. hispanica</i>	L.
<i>S. holwayi</i>	S.F. Blake
<i>S. hotteana</i>	Urb. & Ekman
<i>S. humboldtiana</i>	F. Dietr.
<i>S. hunzikeri</i>	A. Granda
<i>S. hyptoides</i>	M. Martens & Galeotti
<i>S. ianthina</i>	Otto & A.Dietr.
<i>S. ibugana</i>	J.G. González

<i>S. igualensis</i>	Fernald
<i>S. incerta</i>	Epling
<i>S. inconspicua</i>	Benth.
<i>S. incumbens</i>	Urb. & Ekman
<i>S. incurvata</i>	Ruiz & Pav.
<i>S. indigocephala</i>	Ramamoorthy
<i>S. infuscata</i>	Epling
<i>S. innoxia</i>	Epling & Mathias
<i>S. inornata</i>	Epling
<i>S. insularum</i>	Epling
<i>S. integrifolia</i>	Ruiz & Pav.
<i>S. intonsa</i>	Epling
<i>S. involucrata</i>	Cav.
<i>S. iodantha</i>	Fernald
<i>S. iodochroa</i>	Briq.
<i>S. iodophylla</i>	Epling
<i>S. ionocalyx</i>	Epling
<i>S. isochroma</i>	B.L. Turner
<i>S. itatiaiensis</i>	Dusén
<i>S. iuliana</i>	Epling
<i>S. jacalana</i>	B.L. Turner
<i>S. jacobi</i>	Epling
<i>S. jaimehintoniana</i>	Ramamoorthy ex B.L. Turner
<i>S. jamaicensis</i>	Fawc.
<i>S. jaramilloi</i>	Fern. Alonso
<i>S. jessicae</i>	B.L. Turner
<i>S. jorgehintoniana</i>	B.L. Turner

<i>S. karwinskii</i>	Benth.
<i>S. keerlii</i>	Benth.
<i>S. kellermanii</i>	Donn. Sm.
<i>S. killipiana</i>	Epling
<i>S. lachnoclada</i>	Briq.
<i>S. lachnostachys</i>	Benth.
<i>S. lachnostoma</i>	Epling
<i>S. laevis</i>	Benth.
<i>S. lamiifolia</i>	Jacq.
<i>S. langlassei</i>	Fernald
<i>S. languidula</i>	Epling
<i>S. lanicalyx</i>	Epling
<i>S. lanicaulis</i>	Epling & Játiva
<i>S. lapazana</i>	B.L. Turner
<i>S. lasiantha</i>	Benth.
<i>S. lasiocephala</i>	Hook. & Arn.
<i>S. latens</i>	Benth.
<i>S. laurifolia</i>	Epling
<i>S. lavanduloides</i>	Kunth
<i>S. lavendula</i>	Alain
<i>S. laxispicata</i>	Epling
<i>S. leninae</i>	Epling
<i>S. lenta</i>	Fernald
<i>S. lepida</i>	Epling
<i>S. leptophylla</i>	Benth.
<i>S. leptostachys</i>	Benth.
<i>S. leucantha</i>	Cav.

<i>S. leucocephala</i>	Kunth
<i>S. leucochlamys</i>	Epling
<i>S. libanensis</i>	Rusby
<i>S. lineata</i>	Benth.
<i>S. littae</i>	Vis.
<i>S. lobbii</i>	Epling
<i>S. longibracteolata</i>	E.P. Santos
<i>S. longifolia</i>	Wild.
<i>S. longimarginata</i>	Briq.
<i>S. longispicata</i>	M. Martens & Galeotti
<i>S. longistyla</i>	Benth.
<i>S. lophantha</i>	Benth.
<i>S. lophanthoides</i>	Fernald
<i>S. lorentzii</i>	Griseb.
<i>S. loxensis</i>	Benth.
<i>S. lozanoi</i>	Fernald
<i>S. lucida</i>	Briq.
<i>S. lundellii</i>	Epling
<i>S. lycioides</i>	A. Gray
<i>S. macbridei</i>	Epling
<i>S. macellaria</i>	Epling
<i>S. macrocalyx</i>	Gardner
<i>S. macrophylla</i>	Benth.
<i>S. macrostachya</i>	Kunth
<i>S. madrensis</i>	Seem.
<i>S. madrigalii</i>	Zamudio & Bedolla
<i>S. malacophylla</i>	Benth.

<i>S. malvifolia</i>	Epling & Játiva
<i>S. manantlanensis</i>	Ramamoorthy
<i>S. manaurica</i>	Fern. Alonso
<i>S. marci</i>	Epling
<i>S. mattogrossensis</i>	Pilg.
<i>S. matudae</i>	Epling
<i>S. maxonii</i>	Epling
<i>S. mazatlanensis</i>	Fernald
<i>S. mcvaughii</i>	Bedolla, Lara Cabrera & Zamudio
<i>S. medusa</i>	Epling & Játiva
<i>S. meera</i>	Ramamoorthy ex J.G. González & Santana Mich.
<i>S. melaleuca</i>	Epling
<i>S. melissiflora</i>	Benth.
<i>S. melissodora</i>	Lag.
<i>S. membranacea</i>	Benth.
<i>S. membranicalyx</i>	Epling
<i>S. mendax</i>	Epling
<i>S. mentiens</i>	Pohl
<i>S. mexiae</i>	Epling
<i>S. mexicana</i>	L.
<i>S. micrantha</i>	Vahl
<i>S. microdictya</i>	Urb. & Ekman
<i>S. microphylla</i>	Kunth
<i>S. minarum</i>	Briq.
<i>S. miniata</i>	Fernald
<i>S. misella</i>	Kunth
<i>S. mocinoi</i>	Benth.

<i>S. modica</i>	Epling
<i>S. monantha</i>	Brandegees ex Epling
<i>S. monclovensis</i>	Fernald
<i>S. moniliformis</i>	Fernald
<i>S. montecristina</i>	Urb. & Ekman
<i>S. moranii</i>	B.L. Turner
<i>S. mornicola</i>	Urb. & Ekman
<i>S. moschata</i>	Kunth
<i>S. mucidistachys</i>	Epling
<i>S. muelleri</i>	Epling
<i>S. muscarioides</i>	Fernald
<i>S. muscidiflora</i>	Fernald
<i>S. myriantha</i>	Epling
<i>S. nana</i>	Kunth
<i>S. natalis</i>	Epling
<i>S. nemoralis</i>	Dusén ex Epling
<i>S. neovidensis</i>	Benth.
<i>S. nepetoides</i>	Kunth
<i>S. nervata</i>	M. Martens & Galeotti
<i>S. nervosa</i>	Benth.
<i>S. nigriflora</i>	Epling
<i>S. nitida</i>	(M.Martens & Galeotti) Benth.
<i>S. novoleontis</i>	B.L. Turner
<i>S. nubigena</i>	J.R.I. Wood & Harley
<i>S. nubilorum</i>	Játiva & Epling
<i>S. oaxacana</i>	Fernald
<i>S. oblongifolia</i>	M. Martens & Galeotti

<i>S. obtorta</i>	Epling
<i>S. obumbrata</i>	Epling
<i>S. obvallata</i>	Epling
<i>S. occidentalis</i>	Sw.
<i>S. occidua</i>	Epling
<i>S. occlusa</i>	Epling
<i>S. occultiflora</i>	Epling
<i>S. ochrantha</i>	Epling
<i>S. ocimifolia</i>	Epling
<i>S. odam</i>	J.G. González
<i>S. oligantha</i>	Dusén
<i>S. ombrophila</i>	Dusén
<i>S. omissa</i>	J.G. González
<i>S. opertiflora</i>	Epling
<i>S. ophiocephala</i>	J.R.I. Wood
<i>S. oppositiflora</i>	Ruiz & Pav.
<i>S. orbignaei</i>	Benth.
<i>S. oreopola</i>	Fernald
<i>S. oresbia</i>	Fernald
<i>S. orthostachys</i>	Epling
<i>S. ottoschulzii</i>	Urb. & Ekman
<i>S. ovalifolia</i>	A. St.-Hil. ex Benth.
<i>S. oxyphora</i>	Briq.
<i>S. ozolotepecensis</i>	J.G. González & Fragoso
<i>S. palealis</i>	Epling
<i>S. palifolia</i>	Kunth
<i>S. pallida</i>	Benth.

<i>S. palmeri</i>	A. Gray
<i>S. palmetorum</i>	J.G. González & Carnahan
<i>S. pamplonitana</i>	Fern. Alonso
<i>S. pannosa</i>	Fernald
<i>S. pansamalensis</i>	Donn. Sm.
<i>S. paposana</i>	Phil.
<i>S. paramicola</i>	Fern. Alonso
<i>S. paranensis</i>	Dusén
<i>S. parciflora</i>	Urb.
<i>S. parryi</i>	A. Gray
<i>S. paryskii</i>	Skean & Judd
<i>S. patens</i>	Cav.
<i>S. patriciae</i>	J.G. González & Martínez-Ambr.
<i>S. pauciserrata</i>	Benth.
<i>S. paulwalleri</i>	B.L. Turner
<i>S. paupercula</i>	Epling
<i>S. pavonii</i>	Benth.
<i>S. penduliflora</i>	Epling
<i>S. peninsularis</i>	Brandegees
<i>S. pennellii</i>	Epling
<i>S. perblanda</i>	Epling
<i>S. peregrina</i>	Epling
<i>S. pericona</i>	B.L. Turner
<i>S. perlonga</i>	Fernald
<i>S. perlucida</i>	Epling
<i>S. perplicata</i>	Epling
<i>S. persicifolia</i>	A. St.-Hil. ex Benth.

<i>S. personata</i>	Epling
<i>S. pexa</i>	Epling
<i>S. phaenostemma</i>	Donn. Sm.
<i>S. pichinchensis</i>	Benth.
<i>S. pineticola</i>	Epling
<i>S. pinguifolia</i>	Wooton & Stand.
<i>S. platycheila</i>	A. Gray
<i>S. platyfrons</i>	Epling & Játiva
<i>S. platyphylla</i>	Briq.
<i>S. platystoma</i>	Epling
<i>S. plumosa</i>	Ruiz & Pav.
<i>S. plurispicata</i>	Epling
<i>S. podadena</i>	Briq.
<i>S. polystachya</i>	Cav.
<i>S. potus</i>	Epling
<i>S. praeclara</i>	Epling
<i>S. praestans</i>	Epling
<i>S. praeterita</i>	Epling
<i>S. prasiifolia</i>	Benth.
<i>S. primuliformis</i>	Epling
<i>S. pringlei</i>	B.L. Rob. & Greenm.
<i>S. procurrens</i>	Benth.
<i>S. propinqua</i>	Benth.
<i>S. prostrata</i>	Hook.f.
<i>S. protracta</i>	Benth.
<i>S. pruinosa</i>	Fernald
<i>S. prunelloides</i>	Kunth

<i>S. prunifolia</i>	Fernald
<i>S. pseudocomosa</i>	Epling
<i>S. pseudogracilis</i>	Epling
<i>S. pseudoincisa</i>	Epling
<i>S. pseudolantana</i>	Epling
<i>S. pseudopallida</i>	Epling
<i>S. pseudoprivoides</i>	Epling
<i>S. pseudorosmarinus</i>	Epling
<i>S. pseudoserotina</i>	Epling
<i>S. psilantha</i>	Epling
<i>S. psilophylla</i>	Epling
<i>S. psilostachya</i>	Epling
<i>S. pteroura</i>	Briq.
<i>S. puberula</i>	Fernald
<i>S. pubescens</i>	Benth.
<i>S. pugana</i>	J.G. González & Art.Castro
<i>S. pulchella</i>	DC.
<i>S. punctata</i>	Ruiz & Pav.
<i>S. punicans</i>	Epling
<i>S. purepecha</i>	Bedolla, Lara Cabrera & Zamudio
<i>S. purpurea</i>	Cav.
<i>S. purpusii</i>	Brandegees
<i>S. pusilla</i>	Fernald
<i>S. querceticola</i>	Epling
<i>S. querceto-pinorum</i>	Epling & Játiva
<i>S. quercetorum</i>	Epling
<i>S. quitensis</i>	Benth.

<i>S. ramamoorthyana</i>	Espejo
<i>S. ramirezii</i>	J.G. González
<i>S. ramosa</i>	Brandegees
<i>S. raveniana</i>	Ramamoorthy
<i>S. raymondii</i>	J.R.I. Wood
<i>S. recurva</i>	Benth.
<i>S. reducta</i>	Epling
<i>S. reflexa</i>	Hornem.
<i>S. reginae</i>	J.G. González & J.H. Vega
<i>S. regla</i>	Cav.
<i>S. regnelliana</i>	Briq.
<i>S. reitzii</i>	Epling
<i>S. remissa</i>	Epling
<i>S. remota</i>	Benth.
<i>S. reptans</i>	Jacq.
<i>S. retinervia</i>	Briq.
<i>S. revoluta</i>	Ruiz & Pav.
<i>S. rhinosina</i>	Griseb.
<i>S. rhodostephana</i>	Epling
<i>S. rhombifolia</i>	Ruiz & Pav.
<i>S. rhyacophila</i>	Epling
<i>S. richardsonii</i>	B.L. Turner
<i>S. riparia</i>	Kunth
<i>S. rivularis</i>	Gardner
<i>S. robertoana</i>	Mart. Gord. & Fragoso
<i>S. rogersiana</i>	Ramamoorthy ex J.G. González & Cuevas
<i>S. roscida</i>	Fernald

<i>S. rosei</i>	Fernald
<i>S. rosmarinoides</i>	A. St.-Hil. ex Benth.
<i>S. rostellata</i>	Epling
<i>S. rubescens</i>	Kunth
<i>S. rubiginosa</i>	Benth.
<i>S. rubrifaux</i>	Epling
<i>S. rubriflora</i>	Epling
<i>S. rubropunctata</i>	B.L. Rob. & Fernald
<i>S. rufa</i>	Epling
<i>S. rufula</i>	Kunth
<i>S. rumicifolia</i>	Kunth
<i>S. rupicola</i>	Fernald
<i>S. rusbyi</i>	Britton ex Rusby
<i>S. rypara</i>	Briq.
<i>S. rzedowskii</i>	Ramamoorthy
<i>S. saccifera</i>	Urb. & Ekman
<i>S. sacculus</i>	Epling
<i>S. sagittata</i>	Ruiz & Pav.
<i>S. salicifolia</i>	Pohl
<i>S. sanctae-luciae</i>	Seem.
<i>S. santanae</i>	Ramamoorthy ex J.G. González & Guzm.-Hern.
<i>S. sapinea</i>	Epling
<i>S. sarmentosa</i>	Epling
<i>S. scabrata</i>	Britton & P.Wilson
<i>S. scabrida</i>	Pohl
<i>S. scandens</i>	Epling
<i>S. scaposa</i>	Epling

<i>S. schaffneri</i>	Fernald
<i>S. sciaphila</i>	(J.R.I. Wood & Harley) Fern. Alonso
<i>S. scoparia</i>	Epling
<i>S. scutellarioides</i>	Kunth
<i>S. secunda</i>	Benth.
<i>S. secundiflora</i>	Rusby
<i>S. seemannii</i>	Fernald
<i>S. selguapensis</i>	Ant. Molina
<i>S. selleana</i>	Urb.
<i>S. sellowiana</i>	Benth.
<i>S. semiatrata</i>	Zucc.
<i>S. semiscaposa</i>	Epling ex Fragoso & Mart. Gord.
<i>S. serboana</i>	B.L. Turner
<i>S. serotina</i>	L.
<i>S. serpyllifolia</i>	Fernald
<i>S. serranoae</i>	J.R.I. Wood
<i>S. sessei</i>	Benth.
<i>S. setosa</i>	Fernald
<i>S. setulosa</i>	Fernald
<i>S. shannonii</i>	Donn. Sm.
<i>S. sharpii</i>	Epling
<i>S. sigchosica</i>	Fern. Alonso
<i>S. siguatepequensis</i>	Standl.
<i>S. silvarum</i>	Epling
<i>S. similis</i>	Brandegeee
<i>S. simulans</i>	Fernald
<i>S. sinaloensis</i>	Fernald

<i>S. sirenis</i>	J. G. González & G. González
<i>S. sochensis</i>	/J.R.I.Wood & Harley) Fern. Alonso
<i>S. sophrona</i>	Briq.
<i>S. sordida</i>	Benth.
<i>S. sparsiflora</i>	Epling
<i>S. speciosa</i>	C. Presl ex Benth.
<i>S. speirematoides</i>	C. Wright
<i>S. spellenbergii</i>	J.G. González
<i>S. sphacelifolia</i>	Epling
<i>S. sphacelioides</i>	Benth.
<i>S. splendens</i>	Sellow ex Wied-Neuw.
<i>S. sprucei</i>	Briq.
<i>S. squalens</i>	Kunth
<i>S. stachydifolia</i>	Benth.
<i>S. stachyoides</i>	Kunth
<i>S. stolonifera</i>	Benth.
<i>S. striata</i>	Benth.
<i>S. stricta</i>	Fernald
<i>S. strobilanthoides</i>	C. Wright ex Griseb.
<i>S. styphelus</i>	Epling
<i>S. subaequalis</i>	Epling
<i>S. subglabra</i>	(Urb.) Urb.
<i>S. subhastata</i>	Epling
<i>S. subincisa</i>	Benth.
<i>S. subobscura</i>	NA
<i>S. subpatens</i>	Epling
<i>S. subrotunda</i>	A. St.-Hil. ex Benth.

<i>S. subrubens</i>	Epling
<i>S. subscandens</i>	Epling & Játiva
<i>S. sucrensis</i>	J.R.I. Wood
<i>S. synodonta</i>	Epling
<i>S. tafallae</i>	Benth.
<i>S. tehuacana</i>	Fernald
<i>S. tenella</i>	Sw.
<i>S. tenorioi</i>	Ramamoorthy ex B.L. Turner
<i>S. tenuiflora</i>	Epling
<i>S. tepicensis</i>	Fernald
<i>S. teresae</i>	Fernald
<i>S. tetramerioides</i>	Mart. Gord., Fragoso & García-Peña
<i>S. textitlana</i>	B.L. Turner
<i>S. thomasiana</i>	Urb.
<i>S. thormannii</i>	Urb.
<i>S. thymoides</i>	Benth.
<i>S. thyrsoflora</i>	Benth.
<i>S. tilantongensis</i>	J.G. González & Aguilar-Sant.
<i>S. tiliifolia</i>	Vahl
<i>S. tiraquensis</i>	Briq.
<i>S. toaensis</i>	Alain
<i>S. tolimensis</i>	Kunth
<i>S. tomentella</i>	Pohl
<i>S. tonalensis</i>	Brandeggee
<i>S. tonaticensis</i>	Ramamoorthy ex Lara Cabrera, Bedolla & Zamudio
<i>S. topiensis</i>	J.G. González
<i>S. tortuensis</i>	Urb.

<i>S. tortuosa</i>	Kunth
<i>S. townsendii</i>	Fernald
<i>S. trachyphylla</i>	Epling
<i>S. trichopes</i>	Epling
<i>S. trichostephana</i>	Epling
<i>S. tricuspidata</i>	M. Martens & Galeotti
<i>S. tricuspis</i>	Epling
<i>S. trifilis</i>	Epling
<i>S. tubifera</i>	Cav.
<i>S. tubiflora</i>	Sm.
<i>S. tubulosa</i>	Epling
<i>S. tuerckheimii</i>	Urb.
<i>S. turneri</i>	Ramamoorthy ex B.L. Turner
<i>S. tuxtliensis</i>	Ramamoorthy
<i>S. uliginosa</i>	Benth.
<i>S. umbraticola</i>	Epling
<i>S. umbratilis</i>	Fernald
<i>S. uncinata</i>	Urb.
<i>S. unguella</i>	Epling
<i>S. unicostata</i>	Fernald
<i>S. univerticillata</i>	Ramamoorthy ex Klitg.
<i>S. uribei</i>	J.R.I. Wood & Harley
<i>S. urica</i>	Epling
<i>S. urolepis</i>	Fernald
<i>S. urticifolia</i>	L.
<i>S. uruapana</i>	Fernald
<i>S. Vargas-Ilosae</i>	Sagást. & E. Rodr.

<i>S. vargasii</i>	Epling
<i>S. variana</i>	Epling
<i>S. vazquezii</i>	Iltis & Ramamoorthy
<i>S. venosa</i>	Fernald
<i>S. venturana</i>	B.L. Turner
<i>S. venulosa</i>	Epling
<i>S. verapazana</i>	B.L. Turner
<i>S. verecunda</i>	Epling ex M.E. Jones
<i>S. veronicifolia</i>	A. Gray
<i>S. vestita</i>	Benth.
<i>S. villosa</i>	Fernald
<i>S. vinacea</i>	Wooton & Stand.
<i>S. viscida</i>	A. St.-Hil. ex Benth.
<i>S. viscidifolia</i>	Epling
<i>S. vitifolia</i>	Benth.
<i>S. wagneriana</i>	Pol.
<i>S. weberbaueri</i>	Epling
<i>S. whitefoordiae</i>	Klitg.
<i>S. wixarika</i>	J.G. González
<i>S. xalapensis</i>	Benth.
<i>S. xanthophylla</i>	Epling & Játiva
<i>S. xanthotricha</i>	Harley ex E.P. Santos
<i>S. xeropapillosa</i>	Fern. Alonso
<i>S. xolocotzii</i>	Bedolla & Zamudio
<i>S. yukoyukparum</i>	Fern. Alonso
<i>S. zacuapanensis</i>	Brandegees
<i>S. zamoranensis</i>	Zamudio & Bedolla

S. zaragozana

B.L. Turner

Synonym of:
NA
NA
NA
NA
<i>Salvia lavanduloides</i> Kunth
NA
<i>Salvia opertiflora</i> Epling
NA
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NA
NA
NA
<i>S. prasiifolia</i> Benth. (here tentatively proposed)
<i>Salvia lasiantha</i>
NA
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NA
<i>Salvia sphacelioides</i> subsp. <i>anaglypha</i> (Briq.) Fern. Alonso
NA

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NA
<i>Salvia iodantha</i>
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NA
<i>Salvia recurva</i> Benth.
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NA
<i>Salvia cuspidata</i> subsp. <i>bangii</i> (Rusby) J.R.I. Wood

<i>Salvia pauciserrata</i> subsp. <i>calocalicina</i> (Briq.) J.R.I. Wood & R.Harl
NA
<i>Salvia regla</i> Cav.
NA
NA
NA
NA
<i>Salvia schaffneri</i> Fernald (here tentatively proposed)
NA
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NA
<i>Salvia pauciserrata</i> subsp. <i>calocalicina</i> (Briq.) J.R.I. Wood & Harley

NA
NA
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NA
<i>Salvia amarissima</i> Ortega
NA
NA
<i>Salvia fulgens</i> Cav.
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NA
<i>Salvia retinervia</i> Briq.

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NA
<i>Salvia rubescens</i> subsp. <i>colombiana</i> (Epling) J.R.I. Wood & R. Harl
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NA
<i>Salvia tortuosa</i> Kunth
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NA
<i>Salvia nervata</i> M. Martens & Galeotti
NA
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NA
<i>Salvia indigocephala</i> Ramamoorthy
NA
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NA
<i>Salvia schaffneri</i> Fernald (here tentatively proposed)
<i>Salvia thyrsoflora</i> Benth.
<i>Salvia carnea</i> Kunth
NA
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NA
<i>Salvia pauciserrata</i> subsp. <i>derasa</i> (Benth.) J.R.I. Wood & Harley

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NA
<i>Salvia involucrata</i> Cav.
<i>Salvia melissodora</i> Lag.
NA
<i>Salvia connivens</i> Epling
<i>Salvia ovalifolia</i> Benth.
NA
NA
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NA
<i>Salvia rostellata</i> Epling
NA
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<i>Salvia tubifera</i> Cav.
<i>Salvia lavanduloides</i> Kunth (here tentatively proposed)
NA
NA
NA
<i>Salvia roscida</i> Fernald
NA
<i>Salvia serotina</i> L.
NA
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NA
<i>Salvia roscida</i> Fernald (here tentatively proposed)
NA
<i>Salvia prunelloides</i> Kunth
NA
<i>Salvia lasiocephala</i> Hook. & Arn.
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<i>Salvia lasiocephala</i> Hook. & Arn.
NA
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NA
<i>Salvia cuspidata</i> subsp. <i>gilliesii</i> (Rusby) J.R.I. Wood
NA
NA
<i>Salvia prunelloides</i> Kunth (here tentatively proposed)
NA
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NA
<i>Salvia carnea</i> Kunth
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NA
<i>Salvia kellermanii</i> Donn. Sm.
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<i>Salvia lasiocephala</i>
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NA
<i>Salvia amethystina</i> J.E. Smith
<i>Salvia protracta</i> Benth.
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NA
<i>Salvia serotina</i> L.
NA
NA
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NA
<i>Salvia carnea</i> Kunth
NA
NA
<i>Salvia chamaedryioides</i> Cav.
<i>Salvia arenaria</i> A. St.-Hil. ex Benth.
NA
<i>Salvia jaimehintoniana</i> B.L. Turner
NA
NA
NA
NA
<i>Salvia coulteri</i> Fernald (here tentatively proposed)
<i>Salvia longistyla</i> Benth. (here tentatively proposed)

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<i>Salvia carnea</i> Kunth
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NA
<i>Salvia rufula</i> subsp. <i>latens</i> (Benth.) J.R.I. Wood & R. Harley
<i>Salvia latens</i> Benth.
NA
NA
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NA
NA
<i>Salvia oligantha</i> Dusén
<i>Salvia reptans</i> Jacq.
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NA
<i>Salvia stachyoides</i> Kunth
<i>Salvia angulata</i> Benth.
NA
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<i>Salvia mocinoi</i> Benth.
NA
<i>Salvia cuspidata</i> subsp. <i>gilliesii</i> (Benth.) J.R.I. Wood
NA
NA
<i>Salvia nervosa</i> Benth.
<i>Salvia pansamalensis</i> Donn. Sm.
NA
<i>Salvia revoluta</i> Ruiz & Pav.
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<i>Salvia peninsularis</i> Brandegee
NA
<i>Salvia eizi-matudae</i> Ramamoorthy
<i>Salvia kellermanii</i> Donn. Sm.
<i>Salvia languidula</i> Epling
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NA
<i>Salvia carnea</i> Kunth
<i>Salvia angulata</i> Benth.
<i>Salvia patens</i> Cav.
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<i>Salvia serotina</i> L.
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NA
<i>Salvia lavanduloides</i> Kunth (here tentatively proposed)
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NA
<i>Salvia tortuosa</i> Kunth
<i>Salvia ayavacensis</i> Kunth
NA
<i>Salvia lavanduloides</i> Kunth (here tentatively proposed)
<i>Salvia roscida</i> Fernald
<i>Salvia carnea</i> Kunth
NA
<i>Salvia kellermanii</i> Donn. Sm.
<i>Salvia ombrophila</i> Dusén
NA
<i>Salvia amarissima</i> Ortega
NA
NA
<i>Salvia dichlamys</i> Epling
NA
<i>Salvia villosa</i> Fernald
NA
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<i>Salvia connivens</i> Epling
NA
<i>Salvia tiliifolia</i> Vahl
<i>Salvia misella</i> Kunth (here designated)
NA
<i>Salvia secunda</i> Benth.
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<i>Salvia lachnaiclada</i> Briq.
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<i>Salvia melissiflora</i> Benth.
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<i>Salvia assurgens</i> Kunth
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<i>Salvia ballotiflora</i> Benth.
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<i>Salvia melissiflora</i> Benth.
NA
<i>Salvia rypara</i> subsp. <i>platystoma</i> (Epling) J.R.I. Wood
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<i>Salvia assurgens</i> Kunth
<i>Salvia laevis</i> Benth.
<i>Salvia carnea</i> Kunth
<i>Salvia reflexa</i> Hornem (here tentatively proposed)
<i>Salvia rufula</i> Kunth
NA
<i>Salvia misella</i> Kunth
NA
<i>Salvia serotina</i> L.
NA
<i>Salvia tiliifolia</i> Vahl
NA
NA
<i>Salvia involucrata</i> Cav.
<i>Salvia sessei</i> Benth. (here tentatively proposed)
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NA
<i>Salvia kellermanii</i> Donn. Sm.
<i>Salvia protracta</i> Benth.
NA
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NA
NA
<i>Salvia melissodora</i> Lag. (here tentatively proposed)
NA
NA
NA
<i>Salvia polystachya</i> Cav.
NA
NA
NA
NA
<i>Salvia congestiflora</i> Epling
<i>Salvia roscida</i> Fernald
<i>Salvia stachyoides</i> Kunth
NA
NA
NA
<i>Salvia stachydifolia</i> Benth.
NA
NA
<i>Salvia leptostachys</i> Benth.
NA
<i>Salvia misella</i> Kunth
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<i>Salvia mocinoi</i> Benth.
NA
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NA
<i>Salvia confertiflora</i> Pohl
NA
<i>Salvia sagittata</i> Ruiz & Pav.
<i>Salvia melissodora</i> Lag.
NA
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<i>Salvia connivens</i> Epling
NA
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<i>Salvia carnea</i> Kunth (here tentatively proposed)
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<i>Salvia fulgens</i> Cav.
NA
NA
NA
NA
<i>Salvia camarifolia</i> Benth.
NA
<i>Salvia comayaguana</i> Standl.
NA
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NA
<i>Salvia vitifolia</i> Benth.
NA
NA
NA
NA
<i>Salvia misella</i> Kunth (here tentatively proposed)
NA
NA
<i>Salvia blepharophylla</i> Brandegees (here tentatively proposed)
NA
<i>Salvia karwinskii</i> Benth.
NA
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NA
<i>Salvia assurgens</i> Kunth (here tentatively proposed)

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<i>Salvia areolata</i> Epling
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<i>Salvia stachyoides</i> Kunth
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<i>Salvia lavanduloides</i> Kunth
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<i>Salvia aequidistans</i> Fernald
<i>Salvia lavanduloides</i> Kunth
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<i>Salvia sophrona</i> Briq.
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<i>Salvia iodantha</i> Fernald
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<i>Salvia rostellata</i> Epling
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<i>Salvia melissodora</i> Lag. (here tentatively proposed)
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<i>Salvia tubifera</i> Cav.
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<i>Salvia subrubens</i> Epling
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<i>Salvia ballotiflora</i> Benth.
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<i>Salvia subpatens</i> Epling
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<i>Salvia mocinoi</i> Benth.
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<i>Salvia forreri</i> Greene
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<i>Salvia karwinskii</i> Epling
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<i>Salvia lavanduloides</i> Kunth
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<i>Salvia kellermanii</i> Donn.Sm.
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<i>Salvia longispicata</i> M.Martens & Galeotti
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<i>Salvia languidula</i> Epling
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ambiguous name, in Nomina Dubia (Epling 1939)
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probably and hybrid (no type)
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<i>Salvia polystachya</i> Cav.
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ambiguous name, in Nomina Dubia (Epling 1939)
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<i>Salvia lycioides</i> Cav.
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<i>Salvia polystachya</i> Cav.
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<i>Salvia pansamalensis</i> Donn.Sm.
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<i>Salvia microphylla</i> Kunth
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<i>Salvia tortuosa</i> Kunth
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<i>Salvia microphylla</i> Kunth
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<i>Salvia languidula</i> Fernald
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<i>Salvia alvajaca</i> Oerst.
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<i>Salvia longispicata</i> M.Martens & Galeotti
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	Anguilla	Antigua and Barbuda	Argentina	Aruba	Bahamas	Barbados	Belize	Bermuda	Bolivia	Brazil	British Virgin Islands	Canada	Caribbean Netherlands	Cayman Islands	Chile	Colombia	Costa Rica	Cuba	Curaçao	Dominican Republic
<i>Salvia acerifolia</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia acuminata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia adenophora</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia aequidistans</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia agnes</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia alamosana</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia alata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia alba</i>	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia albicalyx</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia albiflora</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
<i>Salvia albiterrarum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia albocaerulea</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia alborosea</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia aliciae</i>	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0

<i>Salvia altissima</i>	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
<i>Salvia alvajaca</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
<i>Salvia amarissima</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia amethystina</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
<i>Salvia amissa</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia ampelophylla</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
<i>Salvia amplifrons</i>	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia anastomosans</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia anguicoma</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia angulata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
<i>Salvia angustiarum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia aratocensis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
<i>Salvia arborescens</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
<i>Salvia arduinervis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia arenaria</i>	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
<i>Salvia areolata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia arizonica</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia arthrocoma</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia articulata</i>	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
<i>Salvia aspera</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia assurgens</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia atrocalyx</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia atrocyanea</i>	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia atropaenulata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia austromelissodora</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia axillaris</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia axilliflora</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

<i>Salvia ayavacensis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia azurea</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia bahorucona</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
<i>Salvia balaustina</i>	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
<i>Salvia ballotiflora</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia benthamiana</i>	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
<i>Salvia biserrata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia blepharophylla</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia boegei</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia bogotensis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
<i>Salvia borjensis</i>	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
<i>Salvia brachyloba</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
<i>Salvia brachyodonta</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia brachyphylla</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
<i>Salvia breviflora</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia brevipes</i>	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
<i>Salvia buechananii</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia buchii</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia bullulata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia bupleuroides</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia caaguazuensis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia cabonii</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia cacaliifolia</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia cacomensis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia caeruleobracteata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia calaminthifolia</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
<i>Salvia calcicola</i>	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0

<i>Salvia calderoniae</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia calolophos</i>	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia camarifolia</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
<i>Salvia camporum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia candicans</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia carbonoi</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
<i>Salvia cardenasii</i>	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia cardiophylla</i>	0	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
<i>Salvia carnea</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
<i>Salvia carranzae</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia carreyesii</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia carrilloi</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia caudata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia caymanensis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
<i>Salvia cedrosensis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia cerradicola</i>	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
<i>Salvia chalarothyrsa</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia chamaedryoides</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia chapadensis</i>	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
<i>Salvia chapalensis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia chazaroana</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia chiapensis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia chicamochae</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
<i>Salvia chionophylla</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia cinnabarina</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia clarendonensis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia clarkcowanii</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

<i>Salvia clinopodioides</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia coahuilensis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia coccinea</i>	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0
<i>Salvia cocuyana</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
<i>Salvia codazziana</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
<i>Salvia cognata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia collinsii</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia colonica</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
<i>Salvia comayaguana</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
<i>Salvia compacta</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
<i>Salvia compsostachys</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia concolor</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia confertiflora</i>	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
<i>Salvia confertispicata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia congestiflora</i>	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
<i>Salvia connivens</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia consimilis</i>	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
<i>Salvia consobrina</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia cordata</i>	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
<i>Salvia coriana</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia corrugata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
<i>Salvia costaricensis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
<i>Salvia costata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
<i>Salvia coulteri</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia crucis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia cruikshanksii</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia cryptodonta</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

<i>Salvia cualensis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia cuatrecasana</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
<i>Salvia cubensis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
<i>Salvia curta</i>	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
<i>Salvia curticalyx</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia curviflora</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia cuspidata</i>	0	0	1	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0
<i>Salvia cyanantha</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia cyanicalyx</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia cyanocephala</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
<i>Salvia cyanotropa</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
<i>Salvia cylindriflora</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia darcy</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia decora</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia decumbens</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
<i>Salvia decurrens</i>	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
<i>Salvia densiflora</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
<i>Salvia diamantina</i>	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
<i>Salvia dichlamys</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia diegoae</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia discolor</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia disjuncta</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia divinorum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia dombeyi</i>	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia dorisiana</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia drymocharis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
<i>Salvia dryophila</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

<i>Salvia dugesiana</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia durangensis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia duripes</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia ecuadorensis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia eizi-matudae</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia elegans</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia emaciata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia eriocalyx</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia ernesti-vargasii</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia erythrostephana</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia erythrostoma</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
<i>Salvia espirito-santensis</i>	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
<i>Salvia evadens</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia exilis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia expansa</i>	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
<i>Salvia exserta</i>	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia falcata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
<i>Salvia farinacea</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia festiva</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia filifolia</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia filipes</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia firma</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia flaccida</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia flaccidifolia</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia flocculosa</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia florida</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia fluviatilis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

<i>Salvia formosa</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia foveolata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
<i>Salvia fruticetorum</i>	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
<i>Salvia fruticulosa</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia fulgens</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia funckii</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
<i>Salvia fusca</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia fuscomanicata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
<i>Salvia gachantivana</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
<i>Salvia galloana</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia gavilanensis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia gesneriiflora</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia glabra</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia glandulifera</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia glechomifolia</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia goldmanii</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia gonzalezii</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia gracilipes</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia graciliramulosa</i>	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia gracilis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia grandis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia gravida</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia greggii</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia grewiifolia</i>	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0
<i>Salvia grisea</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia griseifolia</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia guacana</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0

<i>Salvia guadalajarensis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia guaneorum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
<i>Salvia guaranitica</i>	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
<i>Salvia guevarae</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia gypsophila</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia haenkei</i>	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia haitiensis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia hamulus</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia hapalophylla</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia harleyana</i>	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
<i>Salvia hatschbachii</i>	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
<i>Salvia heerii</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia helianthemifolia</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia herbacea</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia hermesiana</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
<i>Salvia herrerae</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia heterofolia</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia heterotricha</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia hidalgensis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia hilarii</i>	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
<i>Salvia hintonii</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia hirsuta</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia hirta</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia hirtella</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia hispanica</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia holwayi</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
<i>Salvia hotteana</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

<i>Salvia humboldtiana</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia hunzikeri</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia ianthina</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia ibugana</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia incumbens</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia incurvata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia indigocephala</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia infuscata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia innoxia</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia inornata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia integrifolia</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia intonsa</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
<i>Salvia involucrata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia iodantha</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia iodophylla</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia ionocalyx</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia iuliana</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia jacobi</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia jaimehintoniana</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia jamaicensis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia jaramilloi</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
<i>Salvia karwinskii</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia keerlii</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia kellermanii</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia killipiana</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
<i>Salvia lachnoclada</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
<i>Salvia lachnostachys</i>	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0

<i>Salvia lachnostoma</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia laevis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia lamiifolia</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia langlassei</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia languidula</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia lanicalyx</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia lanicaulis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia lapazana</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia lasiantha</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
<i>Salvia lasiocephala</i>	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	0	0	0
<i>Salvia lavanduloides</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
<i>Salvia lavendula</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
<i>Salvia laxispicata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia leninae</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia leptostachys</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia leucantha</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
<i>Salvia leucocephala</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia leucochlamys</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia libanensis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
<i>Salvia lineata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia littae</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia lobbii</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia longibracteolata</i>	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
<i>Salvia longispicata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia longistyla</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia lophanthoides</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia loxensis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

<i>Salvia lozanoi</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia lycioides</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia macellaria</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia macrocalyx</i>	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
<i>Salvia macrophylla</i>	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0
<i>Salvia macrostachya</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
<i>Salvia madrensis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia madrigalii</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia malvifolia</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia manantlanensis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia manaurica</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
<i>Salvia mattogrossensis</i>	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
<i>Salvia mcvaughii</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia medusa</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia meera</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia melaleuca</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
<i>Salvia melissiflora</i>	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
<i>Salvia melissodora</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia mentiens</i>	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
<i>Salvia mexiae</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia mexicana</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia microdictya</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia microphylla</i>	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia minarum</i>	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
<i>Salvia miniata</i>	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia misella</i>	1	0	0	0	1	1	1	0	1	0	0	0	0	0	0	1	1	1	0	1
<i>Salvia mocinoi</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

<i>Salvia modica</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia monantha</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia monclovensis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia moniliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia montecristina</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
<i>Salvia moranii</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia mornicola</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia muelleri</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia muscarioides</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia nana</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia neovidensis</i>	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
<i>Salvia nervata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia nervosa</i>	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
<i>Salvia nitida</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia nubigena</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
<i>Salvia nubilorum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia oaxacana</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia oblongifolia</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia obumbrata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia occidentalis</i>	1	0	0	0	1	1	1	0	1	0	0	0	0	0	0	1	1	1	0	1
<i>Salvia occidua</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia occultiflora</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia ochrantha</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia ocimifolia</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia odam</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia oligantha</i>	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
<i>Salvia ombrophila</i>	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0

<i>Salvia omissa</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia opertiflora</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia ophiocephala</i>	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia oppositiflora</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia orbignaei</i>	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia oreopola</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia oresbia</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia orthostachys</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
<i>Salvia ovalifolia</i>	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
<i>Salvia oxyphora</i>	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia ozolotepecensis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia palealis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia palifolia</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
<i>Salvia pallida</i>	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
<i>Salvia palmeri</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia palmatorum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia pamplonitana</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
<i>Salvia pannosa</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia pansamalensis</i>	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia paposana</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
<i>Salvia paramicola</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
<i>Salvia parciflora</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
<i>Salvia parryi</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia paryskii</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia patens</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia patriciae</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia pauciserrata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0

<i>Salvia paupercula</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia pavonii</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia penduliflora</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia peninsularis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia pennellii</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia perblanda</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia peregrina</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia pericona</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia perlonga</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia perlucida</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia perplicata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia persicifolia</i>	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
<i>Salvia personata</i>	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia pexa</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia phaenostemma</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia pichinchensis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia pineticola</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia platycheila</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia platyphylla</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia plumosa</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia plurispicata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia podadena</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia polystachya</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
<i>Salvia potus</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia praestans</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia praeterita</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
<i>Salvia prasiifolia</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

<i>Salvia primuliformis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia pringlei</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia procurrens</i>	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
<i>Salvia propinqua</i>	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
<i>Salvia prostrata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia protracta</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia pruinosa</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia prunelloides</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia prunifolia</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia pseudopallida</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia pseudorosmarinus</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia psilantha</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia psilophylla</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia psilostachya</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia pteroura</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
<i>Salvia puberula</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia pugana</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia pulchella</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia punctata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia punicans</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia purepecha</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia purpurea</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
<i>Salvia purpusii</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia pusilla</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia quercetorum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia quitensis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia ramamoorthyana</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

<i>Salvia ramirezii</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia ramosa</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia raveniana</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia raymondii</i>	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia recurva</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia reflexa</i>	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia reginae</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia regla</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia regnelliana</i>	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
<i>Salvia reptans</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia retinervia</i>	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia revoluta</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia rhodostephana</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia rhombifolia</i>	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
<i>Salvia rhyacophila</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia richardsonii</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia rivularis</i>	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
<i>Salvia robertoana</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia rogersiana</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia roscida</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia rosei</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia rosmarinoides</i>	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
<i>Salvia rostellata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia rubescens</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
<i>Salvia rubiginosa</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia rubrifaux</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia rubriflora</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0

<i>Salvia rubropunctata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia rufula</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0
<i>Salvia rusbyi</i>	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
<i>Salvia rypara</i>	0	0	1	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0
<i>Salvia rzedowskii</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia saccifera</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia sagittata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
<i>Salvia salicifolia</i>	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
<i>Salvia sanctae-luciae</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia santanae</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia sapinea</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia sarmentosa</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia scabrata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
<i>Salvia scabrida</i>	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
<i>Salvia scandens</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia scaposa</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia schaffneri</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia sciaphila</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
<i>Salvia scoparia</i>	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
<i>Salvia scutellarioides</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
<i>Salvia secunda</i>	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
<i>Salvia seemannii</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia selleana</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
<i>Salvia sellowiana</i>	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
<i>Salvia semiatrata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia semiscaposa</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia serotina</i>	1	1	0	0	1	1	1	1	0	0	0	0	0	0	0	0	1	1	0

<i>Salvia serpyllifolia</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia serranoae</i>	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
<i>Salvia sessei</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia setulosa</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia shannonii</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia sigchosica</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia silvarum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia similis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia simulans</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia sirenis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia sochensis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
<i>Salvia sophrona</i>	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
<i>Salvia sordida</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
<i>Salvia speciosa</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia speirematoides</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
<i>Salvia spellenbergii</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia sphacelifolia</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia sphacelioides</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
<i>Salvia splendens</i>	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0
<i>Salvia sprucei</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia squalens</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia stachydifolia</i>	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
<i>Salvia stachyoides</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia stolonifera</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia striata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia strobilanthoides</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
<i>Salvia styphelus</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

<i>Salvia subaequalis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia subglabra</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia subhastata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia subincisa</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia subobscura</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia subpatens</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia subrotunda</i>	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
<i>Salvia subrubens</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia subscandens</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia sucrensis</i>	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia synodonta</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia tafallae</i>	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia tehuacana</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia tenella</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
<i>Salvia tenorioi</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia tenuiflora</i>	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
<i>Salvia teresae</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia tetramerioides</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia textitlana</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia thomasiana</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia thormannii</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
<i>Salvia thymoides</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia thyrsoiflora</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia tilantongensis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia tiliifolia</i>	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	0
<i>Salvia toaensis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
<i>Salvia tolimensis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0

<i>Salvia tomentella</i>	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
<i>Salvia tonalensis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia tonaticensis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia topiensis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia tortuensis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia tortuosa</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
<i>Salvia trachyphylla</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia trichopes</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia trichostephana</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia tricuspidata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia trifilis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia tubifera</i>	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia tubiflora</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
<i>Salvia tubulosa</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia tuerckheimii</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
<i>Salvia turneri</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia tuxtlensis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia uliginosa</i>	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
<i>Salvia umbraticola</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia umbratilis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia uncinata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
<i>Salvia unguella</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia unicostata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia univerticillata</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia uribei</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
<i>Salvia urica</i>	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia urolepis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

<i>Salvia urticifolia</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia uruapana</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia vargas-llosae</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia vargasii</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia variana</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia vazquezii</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia venturana</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia venulosa</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
<i>Salvia verecunda</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia veronicifolia</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia vestita</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia villosa</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia viscida</i>	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia vitifolia</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia wagneriana</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
<i>Salvia weberbaueri</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia whitefordiae</i>	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia wixarika</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia xalapensis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia xanthophylla</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia xanthotricha</i>	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia xeropapillosa</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
<i>Salvia xolocotzii</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia yukoyukparum</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
<i>Salvia zamoranensis</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<i>Salvia zaragozana</i>	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Dominica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ecuador	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
El Salvador	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Falkland Islands	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
French Guiana	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Greenland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Grenada	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Guadeloupe	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Guatemala	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Guyana	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Haiti	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Honduras	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Jamaica	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Martinique	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mexico	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Montserrat	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nicaragua	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Panama	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Paraguay	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Peru	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Puerto Rico	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sain Vicent and the Grenadines	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Saint Barthélemy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Saint Kitts and Nevis	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Saint Lucia	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Saint Martin	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Saint Pierre and Miquelon	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sint Maarten	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Suriname	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Trinidad and Tobago	Turks and Caicos Islands	United States	Unites States Virgin Islands	Uruguay	Venezuela
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Code	T	BFT	TCF	TGSS	TBMF	DXS	MFWS
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<i>Salvia acuminata</i>		0	0	0	0	0	0
<i>Salvia adenophora</i>		0	0	0	0	0	0
<i>Salvia aequidistans</i>		0	0	0	0	0	0
<i>Salvia agnes</i>		0	0	0	0	0	0
<i>Salvia alamosana</i>		0	0	0	0	0	0
<i>Salvia alata</i>		0	0	0	0	0	0
<i>Salvia alba</i>		0	0	0	0	0	0
<i>Salvia albicalyx</i>		0	0	0	0	0	0
<i>Salvia albiflora</i>		0	0	0	0	0	0
<i>Salvia albiterrarum</i>		0	0	0	0	0	0
<i>Salvia albocaerulea</i>		0	0	0	0	0	0
<i>Salvia alborosea</i>		0	0	0	0	0	0
<i>Salvia aliciae</i>		0	0	0	0	0	0
<i>Salvia altissima</i>		0	0	0	0	0	0
<i>Salvia alvajaca</i>		0	0	0	0	0	0
<i>Salvia amarissima</i>		0	0	0	1	0	0
<i>Salvia amethystina</i>		0	0	0	0	0	0
<i>Salvia amissa</i>		0	0	1	0	0	0
<i>Salvia ampelophylla</i>		0	0	0	0	0	0
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<i>Salvia anastomosans</i>		0	0	0	0	0	1
<i>Salvia anguicomma</i>		0	0	0	0	0	0
<i>Salvia angulata</i>		0	0	0	0	0	0

<i>Salvia angustiarum</i>	0	0	0	0	0	0	0
<i>Salvia aratocensis</i>	0	0	0	0	0	0	0
<i>Salvia arborescens</i>	0	0	0	0	0	0	0
<i>Salvia arduinervis</i>	0	0	0	0	0	0	0
<i>Salvia arenaria</i>	0	0	0	0	0	0	0
<i>Salvia areolata</i>	0	0	0	0	0	0	0
<i>Salvia arizonica</i>	0	0	0	1	0	0	0
<i>Salvia arthrocoma</i>	0	0	0	0	0	0	0
<i>Salvia articulata</i>	0	0	0	0	0	0	0
<i>Salvia aspera</i>	0	0	0	0	0	1	0
<i>Salvia assurgens</i>	0	0	0	1	0	0	0
<i>Salvia atrocalyx</i>	0	0	0	0	0	0	0
<i>Salvia atrocyanea</i>	0	0	0	0	0	0	0
<i>Salvia atropaenulata</i>	0	0	0	0	0	0	0
<i>Salvia austromelissodora</i>	0	0	0	0	0	0	0
<i>Salvia axillaris</i>	0	0	0	1	0	1	0
<i>Salvia axilliflora</i>	0	0	0	0	0	0	0
<i>Salvia ayavacensis</i>	0	0	0	0	0	0	0
<i>Salvia azurea</i>	0	0	1	1	1	0	0
<i>Salvia bahorucona</i>	0	0	0	0	0	0	0
<i>Salvia balaustina</i>	0	0	0	0	0	0	0
<i>Salvia ballotiflora</i>	0	0	0	1	0	1	0
<i>Salvia benthamiana</i>	0	0	0	0	0	0	0
<i>Salvia biserrata</i>	0	0	0	0	0	0	0
<i>Salvia blepharophylla</i>	0	0	0	0	0	0	0

<i>Salvia boegei</i>	0	0	0	0	0	1	0
<i>Salvia bogotensis</i>	0	0	0	0	0	0	0
<i>Salvia borjensis</i>	0	0	0	0	0	0	0
<i>Salvia brachyloba</i>	0	0	0	0	0	0	0
<i>Salvia brachyodonta</i>	0	0	0	0	0	0	0
<i>Salvia brachyphylla</i>	0	0	0	0	0	0	0
<i>Salvia breviflora</i>	0	0	0	0	0	0	0
<i>Salvia brevipes</i>	0	0	0	0	0	0	0
<i>Salvia buchananii</i>	0	0	0	0	0	0	0
<i>Salvia buchii</i>	0	0	0	0	0	0	0
<i>Salvia bullulata</i>	0	0	0	0	0	0	0
<i>Salvia bupleuroides</i>	0	0	0	0	0	0	0
<i>Salvia caaguazuensis</i>	0	0	0	0	0	0	0
<i>Salvia cabonii</i>	0	0	0	0	0	0	0
<i>Salvia cacaliifolia</i>	0	0	0	0	0	0	0
<i>Salvia cacomensis</i>	0	0	0	0	0	0	0
<i>Salvia caeruleobracteata</i>	0	0	0	0	0	0	0
<i>Salvia calaminthifolia</i>	0	0	0	0	0	0	0
<i>Salvia calcicola</i>	0	0	0	0	0	0	0
<i>Salvia calderoniae</i>	0	0	0	0	0	0	0
<i>Salvia calolophos</i>	0	0	0	0	0	0	0
<i>Salvia camarifolia</i>	0	0	0	0	0	0	0
<i>Salvia camporum</i>	0	0	0	0	0	0	0
<i>Salvia candicans</i>	0	0	0	1	0	1	0
<i>Salvia carbonoi</i>	0	0	0	0	0	0	0

<i>Salvia cardenasii</i>	0	0	0	0	0	0	0
<i>Salvia cardiophylla</i>	0	0	0	0	0	0	0
<i>Salvia carnea</i>	0	0	0	0	0	0	0
<i>Salvia carranzae</i>	0	0	0	0	0	0	0
<i>Salvia carreyesii</i>	0	0	0	0	0	0	0
<i>Salvia carrilloi</i>	0	0	0	0	0	0	0
<i>Salvia caudata</i>	0	0	0	0	0	0	0
<i>Salvia caymanensis</i>	0	0	0	0	0	0	0
<i>Salvia cedrosensis</i>	0	0	0	0	0	1	0
<i>Salvia cerradicola</i>	0	0	0	0	0	0	0
<i>Salvia chalarothyrsa</i>	0	0	0	0	0	0	0
<i>Salvia chamaedryoides</i>	0	0	0	1	0	1	0
<i>Salvia chapadensis</i>	0	0	0	0	0	0	0
<i>Salvia chapalensis</i>	0	0	0	0	0	0	0
<i>Salvia chazaroana</i>	0	0	0	0	0	0	0
<i>Salvia chiapensis</i>	0	0	0	0	0	0	0
<i>Salvia chicamochae</i>	0	0	0	0	0	0	0
<i>Salvia chionophylla</i>	0	0	0	1	0	1	0
<i>Salvia cinnabarina</i>	0	0	0	0	0	0	0
<i>Salvia clarendonensis</i>	0	0	0	0	0	0	0
<i>Salvia clarkcowanii</i>	0	0	0	0	0	0	0
<i>Salvia clinopodioides</i>	0	0	0	0	0	0	0
<i>Salvia coahuilensis</i>	0	0	0	1	0	1	0
<i>Salvia coccinea</i>	0	0	0	0	0	0	0
<i>Salvia cocuyana</i>	0	0	0	0	0	0	0

<i>Salvia codazziana</i>	0	0	0	0	0	0	0
<i>Salvia cognata</i>	0	0	0	0	0	0	0
<i>Salvia collinsii</i>	0	0	0	0	0	0	0
<i>Salvia colonica</i>	0	0	0	0	0	0	0
<i>Salvia comayaguana</i>	0	0	0	0	0	0	0
<i>Salvia compacta</i>	0	0	0	0	0	0	0
<i>Salvia compsostachys</i>	0	0	0	0	0	0	0
<i>Salvia concolor</i>	0	0	0	0	0	0	0
<i>Salvia confertiflora</i>	0	0	0	0	0	0	0
<i>Salvia confertispicata</i>	0	0	0	0	0	0	0
<i>Salvia congestiflora</i>	0	0	0	0	0	0	0
<i>Salvia connivens</i>	0	0	0	0	0	0	0
<i>Salvia consimilis</i>	0	0	0	0	0	0	0
<i>Salvia consobrina</i>	0	0	0	0	0	0	0
<i>Salvia cordata</i>	0	0	0	0	0	0	0
<i>Salvia coriana</i>	0	0	0	0	0	0	0
<i>Salvia corrugata</i>	0	0	0	0	0	0	0
<i>Salvia costaricensis</i>	0	0	0	0	0	0	0
<i>Salvia costata</i>	0	0	0	0	0	0	0
<i>Salvia coulteri</i>	0	0	0	0	0	1	0
<i>Salvia crucis</i>	0	0	0	0	0	0	0
<i>Salvia cruikshanksii</i>	0	0	0	0	0	0	0
<i>Salvia cryptodonta</i>	0	0	0	0	0	0	0
<i>Salvia cualensis</i>	0	0	0	0	0	0	0
<i>Salvia cuatrecasasiana</i>	0	0	0	0	0	0	0

<i>Salvia cubensis</i>	0	0	0	0	0	0	0
<i>Salvia curta</i>	0	0	0	0	0	0	0
<i>Salvia curticalyx</i>	0	0	0	0	0	0	0
<i>Salvia curviflora</i>	0	0	0	1	0	0	0
<i>Salvia cuspidata</i>	0	0	0	0	0	1	0
<i>Salvia cyanantha</i>	0	0	0	0	0	0	0
<i>Salvia cyanicalyx</i>	0	0	0	0	0	0	0
<i>Salvia cyanocephala</i>	0	0	0	0	0	0	0
<i>Salvia cyanotropha</i>	0	0	0	0	0	0	0
<i>Salvia cylindriflora</i>	0	0	0	0	0	0	0
<i>Salvia darcyi</i>	0	0	0	1	0	1	0
<i>Salvia decora</i>	0	0	0	0	0	0	0
<i>Salvia decumbens</i>	0	0	0	0	0	0	0
<i>Salvia decurrens</i>	0	0	0	0	0	0	0
<i>Salvia densiflora</i>	0	0	0	0	0	0	0
<i>Salvia diamantina</i>	0	0	0	0	0	0	0
<i>Salvia dichlamys</i>	0	0	0	0	0	0	0
<i>Salvia diegoae</i>	0	0	0	0	0	0	0
<i>Salvia discolor</i>	0	0	0	0	0	0	0
<i>Salvia disjuncta</i>	0	0	0	0	0	0	0
<i>Salvia divinorum</i>	0	0	0	0	0	0	0
<i>Salvia dombeyi</i>	0	0	0	0	0	0	0
<i>Salvia dorisiana</i>	0	0	0	0	0	0	0
<i>Salvia drymocharis</i>	0	0	0	0	0	0	0
<i>Salvia dryophila</i>	0	0	0	0	0	0	0

<i>Salvia dugesiana</i>	0	0	0	0	0	0	0
<i>Salvia durangensis</i>	0	0	0	0	0	0	0
<i>Salvia duripes</i>	0	0	0	0	0	0	0
<i>Salvia ecuadorensis</i>	0	0	0	0	0	0	0
<i>Salvia eizi-matudae</i>	0	0	0	0	0	0	0
<i>Salvia elegans</i>	0	0	0	0	0	0	0
<i>Salvia emaciata</i>	0	0	0	1	0	0	0
<i>Salvia eriocalyx</i>	0	0	0	0	0	0	0
<i>Salvia ernesti-vargasii</i>	0	0	0	0	0	0	0
<i>Salvia erythrostephana</i>	0	0	0	0	0	0	0
<i>Salvia erythrostoma</i>	0	0	0	0	0	0	0
<i>Salvia espirito-santensis</i>	0	0	0	0	0	0	0
<i>Salvia evadens</i>	0	0	0	0	0	0	0
<i>Salvia exilis</i>	0	0	0	0	0	0	0
<i>Salvia expansa</i>	0	0	0	0	0	0	0
<i>Salvia exserta</i>	0	0	0	0	0	0	0
<i>Salvia falcata</i>	0	0	0	0	0	0	0
<i>Salvia farinacea</i>	0	0	0	0	1	1	0
<i>Salvia festiva</i>	0	0	0	0	0	0	0
<i>Salvia filifolia</i>	0	0	0	0	0	0	0
<i>Salvia filipes</i>	0	0	0	0	0	0	0
<i>Salvia firma</i>	0	0	0	1	0	0	0
<i>Salvia flaccida</i>	0	0	0	0	0	0	0
<i>Salvia flaccidifolia</i>	0	0	0	0	0	0	0
<i>Salvia flocculosa</i>	0	0	0	0	0	0	0

<i>Salvia florida</i>	0	0	0	0	0	0	0
<i>Salvia fluviatilis</i>	0	0	0	0	0	0	0
<i>Salvia formosa</i>	0	0	0	0	0	0	0
<i>Salvia foveolata</i>	0	0	0	0	0	0	0
<i>Salvia fruticetorum</i>	0	0	0	0	0	0	0
<i>Salvia fruticulosa</i>	0	0	0	0	0	1	0
<i>Salvia fulgens</i>	0	0	0	0	0	0	0
<i>Salvia funckii</i>	0	0	0	0	0	0	0
<i>Salvia fusca</i>	0	0	0	0	0	0	0
<i>Salvia fuscomanicata</i>	0	0	0	0	0	0	0
<i>Salvia gachantivana</i>	0	0	0	0	0	0	0
<i>Salvia galloana</i>	0	0	0	0	0	0	0
<i>Salvia gabilanensis</i>	0	0	0	0	0	0	0
<i>Salvia gesneriiflora</i>	0	0	0	0	0	0	0
<i>Salvia glabra</i>	0	0	0	0	0	0	0
<i>Salvia glandulifera</i>	0	0	0	0	0	0	0
<i>Salvia glechomifolia</i>	0	0	0	0	0	0	0
<i>Salvia goldmanii</i>	0	0	0	0	0	0	0
<i>Salvia gonzalezii</i>	0	0	0	0	0	0	0
<i>Salvia gracilipes</i>	0	0	0	0	0	0	0
<i>Salvia graciliramulosa</i>	0	0	0	0	0	0	0
<i>Salvia gracilis</i>	0	0	0	0	0	0	0
<i>Salvia grandis</i>	0	0	0	0	0	0	0
<i>Salvia gravida</i>	0	0	0	0	0	0	0
<i>Salvia greggii</i>	0	0	0	1	0	1	0

<i>Salvia grewiifolia</i>	0	0	0	0	0	0	0
<i>Salvia grisea</i>	0	0	0	0	0	0	0
<i>Salvia griseifolia</i>	0	0	0	0	0	0	0
<i>Salvia guacana</i>	0	0	0	0	0	0	0
<i>Salvia guadalajarensis</i>	0	0	0	1	0	0	0
<i>Salvia guaneorum</i>	0	0	0	0	0	0	0
<i>Salvia guaranitica</i>	0	0	0	0	0	0	0
<i>Salvia guevarae</i>	0	0	0	0	0	0	0
<i>Salvia gypsophila</i>	0	0	0	0	0	0	0
<i>Salvia haenkei</i>	0	0	0	0	0	0	0
<i>Salvia haitiensis</i>	0	0	0	0	0	0	0
<i>Salvia hamulus</i>	0	0	0	0	0	0	0
<i>Salvia hapalophylla</i>	0	0	0	0	0	0	0
<i>Salvia harleyana</i>	0	0	0	0	0	0	0
<i>Salvia hatschbachii</i>	0	0	0	0	0	1	0
<i>Salvia heerii</i>	0	0	0	0	0	0	0
<i>Salvia helianthemifolia</i>	0	0	0	1	0	0	0
<i>Salvia herbacea</i>	0	0	0	0	0	0	0
<i>Salvia hermesiana</i>	0	0	0	0	0	0	0
<i>Salvia herrerae</i>	0	0	0	0	0	0	0
<i>Salvia heterofolia</i>	0	0	0	0	0	0	0
<i>Salvia heterotricha</i>	0	0	0	1	0	0	0
<i>Salvia hidalgensis</i>	0	0	0	1	0	1	0
<i>Salvia hilarii</i>	0	0	0	0	0	0	0
<i>Salvia hintonii</i>	0	0	0	0	0	0	0

<i>Salvia hirsuta</i>	0	0	0	1	0	1	0
<i>Salvia hirta</i>	0	0	0	0	0	0	0
<i>Salvia hirtella</i>	0	0	0	0	0	0	0
<i>Salvia hispanica</i>	0	0	0	1	0	0	0
<i>Salvia holwayi</i>	0	0	0	0	0	0	0
<i>Salvia hotteana</i>	0	0	0	0	0	0	0
<i>Salvia humboldtiana</i>	0	0	0	0	0	0	0
<i>Salvia hunzikeri</i>	0	0	0	0	0	0	0
<i>Salvia ianthina</i>	0	0	0	0	0	0	0
<i>Salvia ibugana</i>	0	0	0	0	0	0	0
<i>Salvia incumbens</i>	0	0	0	0	0	0	0
<i>Salvia incurvata</i>	0	0	0	0	0	0	0
<i>Salvia indigocephala</i>	0	0	0	0	0	0	0
<i>Salvia infuscata</i>	0	0	0	0	0	0	0
<i>Salvia innoxia</i>	0	0	0	0	0	0	0
<i>Salvia inornata</i>	0	0	0	1	0	1	0
<i>Salvia integrifolia</i>	0	0	0	0	0	0	0
<i>Salvia intonsa</i>	0	0	0	0	0	0	0
<i>Salvia involucrata</i>	0	0	0	0	0	0	0
<i>Salvia iodantha</i>	0	0	0	0	0	0	0
<i>Salvia iodophylla</i>	0	0	0	0	0	0	0
<i>Salvia ionocalyx</i>	0	0	0	0	0	0	0
<i>Salvia iuliana</i>	0	0	0	0	0	0	0
<i>Salvia jacobi</i>	0	0	0	0	0	0	0
<i>Salvia jaimehintoniana</i>	0	0	0	0	0	0	0

<i>Salvia jamaicensis</i>	0	0	0	0	0	0	0
<i>Salvia jaramilloi</i>	0	0	0	0	0	0	0
<i>Salvia karwinskii</i>	0	0	0	0	0	0	0
<i>Salvia keerlii</i>	0	0	0	1	0	1	0
<i>Salvia kellermanii</i>	0	0	0	0	0	0	0
<i>Salvia killipiana</i>	0	0	0	0	0	0	0
<i>Salvia lachnaiclada</i>	0	0	0	0	0	0	0
<i>Salvia lachnostachys</i>	0	0	0	0	0	0	0
<i>Salvia lachnostoma</i>	0	0	0	0	0	0	0
<i>Salvia laevis</i>	0	0	0	1	0	0	0
<i>Salvia lamiifolia</i>	0	0	0	0	0	0	0
<i>Salvia langlassei</i>	0	0	0	0	0	0	0
<i>Salvia languidula</i>	0	0	0	0	0	0	0
<i>Salvia lanicalyx</i>	0	0	0	1	0	1	0
<i>Salvia lanicaulis</i>	0	0	0	0	0	0	0
<i>Salvia lapazana</i>	0	0	0	0	0	0	0
<i>Salvia lasiantha</i>	0	0	0	0	0	0	0
<i>Salvia lasiocephala</i>	0	0	0	0	0	0	0
<i>Salvia lavanduloides</i>	0	0	0	0	0	0	0
<i>Salvia lavendula</i>	0	0	0	0	0	0	0
<i>Salvia laxispicata</i>	0	0	0	0	0	0	0
<i>Salvia leninae</i>	0	0	0	0	0	0	0
<i>Salvia leptostachys</i>	0	0	0	0	0	0	0
<i>Salvia leucantha</i>	0	0	0	0	0	0	0
<i>Salvia leucocephala</i>	0	0	0	0	0	0	0

<i>Salvia leucochlamys</i>	0	0	0	0	0	0	0
<i>Salvia libanensis</i>	0	0	0	0	0	0	0
<i>Salvia lineata</i>	0	0	0	0	0	0	0
<i>Salvia littae</i>	0	0	0	0	0	0	0
<i>Salvia lobbii</i>	0	0	0	0	0	0	0
<i>Salvia longibracteolata</i>	0	0	0	0	0	0	0
<i>Salvia longispicata</i>	0	0	0	1	0	0	0
<i>Salvia longistyla</i>	0	0	0	0	0	0	0
<i>Salvia lophanthoides</i>	0	0	0	0	0	0	0
<i>Salvia loxensis</i>	0	0	0	0	0	0	0
<i>Salvia lozanoi</i>	0	0	0	0	0	0	0
<i>Salvia lycioides</i>	0	0	0	1	0	1	0
<i>Salvia macellaria</i>	0	0	0	1	0	1	0
<i>Salvia macrocalyx</i>	0	0	0	0	0	0	0
<i>Salvia macrophylla</i>	0	0	0	0	0	0	0
<i>Salvia macrostachya</i>	0	0	0	0	0	0	0
<i>Salvia madrensis</i>	0	0	0	0	0	0	0
<i>Salvia madrigalii</i>	0	0	0	0	0	0	0
<i>Salvia malvifolia</i>	0	0	0	0	0	1	0
<i>Salvia manantlanensis</i>	0	0	0	0	0	0	0
<i>Salvia manaurica</i>	0	0	0	0	0	0	0
<i>Salvia mattogrossensis</i>	0	0	0	0	0	0	0
<i>Salvia mcvaughii</i>	0	0	0	0	0	0	0
<i>Salvia medusa</i>	0	0	0	0	0	0	0
<i>Salvia meera</i>	0	0	0	0	0	0	0

<i>Salvia melaleuca</i>	0	0	0	0	0	0	0
<i>Salvia melissiflora</i>	0	0	0	0	0	0	0
<i>Salvia melissodora</i>	0	0	0	1	0	1	0
<i>Salvia mentiens</i>	0	0	0	0	0	0	0
<i>Salvia mexiae</i>	0	0	0	0	0	0	0
<i>Salvia mexicana</i>	0	0	0	0	0	0	0
<i>Salvia microdictya</i>	0	0	0	0	0	0	0
<i>Salvia microphylla</i>	0	0	0	0	0	0	0
<i>Salvia minarum</i>	0	0	0	0	0	0	0
<i>Salvia miniata</i>	0	0	0	0	0	0	0
<i>Salvia misella</i>	0	0	0	1	0	0	0
<i>Salvia mocinoi</i>	0	0	0	0	0	0	0
<i>Salvia modica</i>	0	0	0	1	0	0	0
<i>Salvia monantha</i>	0	0	0	1	0	0	0
<i>Salvia monclovensis</i>	0	0	0	0	0	0	0
<i>Salvia moniliformis</i>	0	0	0	0	0	0	0
<i>Salvia montecristina</i>	0	0	0	0	0	0	0
<i>Salvia moranii</i>	0	0	0	0	0	0	0
<i>Salvia mornicola</i>	0	0	0	0	0	0	0
<i>Salvia muelleri</i>	0	0	0	1	0	0	0
<i>Salvia muscarioides</i>	0	0	0	0	0	0	0
<i>Salvia nana</i>	0	0	0	1	0	0	0
<i>Salvia neovidensis</i>	0	0	0	0	0	0	0
<i>Salvia nervata</i>	0	0	0	0	0	0	0
<i>Salvia nervosa</i>	0	0	0	0	0	0	0

<i>Salvia nitida</i>	0	0	0	0	0	0	0
<i>Salvia nubigena</i>	0	0	0	0	0	0	0
<i>Salvia nubilorum</i>	0	0	0	0	0	0	0
<i>Salvia oaxacana</i>	0	0	0	1	0	1	0
<i>Salvia oblongifolia</i>	0	0	0	0	0	0	0
<i>Salvia obumbrata</i>	0	0	0	0	0	0	0
<i>Salvia occidentalis</i>	0	0	0	0	0	0	0
<i>Salvia occidua</i>	0	0	0	0	0	0	0
<i>Salvia occultiflora</i>	0	0	0	0	0	0	0
<i>Salvia ochrantha</i>	0	0	0	0	0	0	0
<i>Salvia ocimifolia</i>	0	0	0	0	0	0	0
<i>Salvia odam</i>	0	0	0	0	0	0	0
<i>Salvia oligantha</i>	0	0	0	0	0	0	0
<i>Salvia ombrophila</i>	0	0	0	0	0	0	0
<i>Salvia omissa</i>	0	0	0	0	0	0	0
<i>Salvia opertiflora</i>	0	0	0	0	0	0	0
<i>Salvia ophiocephala</i>	0	0	0	0	0	0	0
<i>Salvia oppositiflora</i>	0	0	0	0	0	0	0
<i>Salvia orbignaei</i>	0	0	0	0	0	0	0
<i>Salvia oreopola</i>	0	0	0	0	0	0	0
<i>Salvia oresbia</i>	0	0	0	1	0	0	0
<i>Salvia orthostachys</i>	0	0	0	0	0	0	0
<i>Salvia ovalifolia</i>	0	0	0	0	0	0	0
<i>Salvia oxyphora</i>	0	0	0	0	0	0	0
<i>Salvia ozolotepecensis</i>	0	0	0	0	0	0	0

<i>Salvia palealis</i>	0	0	0	0	0	0	0
<i>Salvia palifolia</i>	0	0	0	0	0	0	0
<i>Salvia pallida</i>	0	0	0	0	0	0	0
<i>Salvia palmeri</i>	0	0	0	0	0	0	0
<i>Salvia palmetorum</i>	0	0	0	0	0	1	0
<i>Salvia pamplonitana</i>	0	0	0	0	0	0	0
<i>Salvia pannosa</i>	0	0	0	0	0	0	0
<i>Salvia pansamalensis</i>	0	0	0	0	0	0	0
<i>Salvia paposana</i>	0	0	0	0	0	1	0
<i>Salvia paramicola</i>	0	0	0	0	0	0	0
<i>Salvia parciflora</i>	0	0	0	0	0	0	0
<i>Salvia parryi</i>	0	0	0	1	0	1	0
<i>Salvia paryskii</i>	0	0	0	0	0	0	0
<i>Salvia patens</i>	0	0	0	0	0	0	0
<i>Salvia patriciae</i>	0	0	0	0	0	0	0
<i>Salvia pauciserrata</i>	0	0	0	0	0	0	0
<i>Salvia paupercula</i>	0	0	0	0	0	0	0
<i>Salvia pavonii</i>	0	0	0	0	0	0	0
<i>Salvia penduliflora</i>	0	0	0	0	0	0	0
<i>Salvia peninsularis</i>	0	0	0	0	0	0	0
<i>Salvia pennellii</i>	0	0	0	1	0	1	0
<i>Salvia perblanda</i>	0	0	0	0	0	0	0
<i>Salvia peregrina</i>	0	0	0	0	0	0	0
<i>Salvia periconia</i>	0	0	0	0	0	0	0
<i>Salvia perlonga</i>	0	0	0	0	0	0	0

<i>Salvia perlucida</i>	0	0	0	0	0	0	0
<i>Salvia perplicata</i>	0	0	0	0	0	0	0
<i>Salvia persicifolia</i>	0	0	0	0	0	0	0
<i>Salvia personata</i>	0	0	0	0	0	0	0
<i>Salvia pexa</i>	0	0	0	1	0	0	0
<i>Salvia phaenostemma</i>	0	0	0	0	0	0	0
<i>Salvia pichinchensis</i>	0	0	0	0	0	0	0
<i>Salvia pineticola</i>	0	0	0	0	0	0	0
<i>Salvia platycheila</i>	0	0	0	0	0	1	0
<i>Salvia platyphylla</i>	0	0	0	0	0	0	0
<i>Salvia plumosa</i>	0	0	0	0	0	0	0
<i>Salvia plurispicata</i>	0	0	0	0	0	0	0
<i>Salvia podadena</i>	0	0	0	0	0	0	0
<i>Salvia polystachya</i>	0	0	0	0	0	0	0
<i>Salvia potus</i>	0	0	0	1	0	0	0
<i>Salvia praestans</i>	0	0	0	0	0	0	0
<i>Salvia praeterita</i>	0	0	0	0	0	0	0
<i>Salvia prasiifolia</i>	0	0	0	0	0	0	0
<i>Salvia primuliformis</i>	0	0	0	0	0	0	0
<i>Salvia pringlei</i>	0	0	0	0	0	0	0
<i>Salvia procurrens</i>	0	0	0	0	0	0	0
<i>Salvia propinqua</i>	0	0	0	0	0	0	0
<i>Salvia prostrata</i>	0	0	0	0	0	1	0
<i>Salvia protracta</i>	0	0	0	0	0	0	0
<i>Salvia pruinosa</i>	0	0	0	1	0	1	0

<i>Salvia prunelloides</i>	0	0	0	1	0	0	0
<i>Salvia prunifolia</i>	0	0	0	0	0	0	0
<i>Salvia pseudopallida</i>	0	0	0	0	0	0	0
<i>Salvia pseudorosmarinus</i>	0	0	0	0	0	0	0
<i>Salvia psilantha</i>	0	0	0	0	0	0	0
<i>Salvia psilophylla</i>	0	0	0	0	0	0	0
<i>Salvia psilostachya</i>	0	0	0	0	0	0	0
<i>Salvia pteroura</i>	0	0	0	0	0	0	0
<i>Salvia puberula</i>	0	0	0	0	0	0	0
<i>Salvia pugana</i>	0	0	0	0	0	0	0
<i>Salvia pulchella</i>	0	0	0	1	0	0	0
<i>Salvia punctata</i>	0	0	0	0	0	0	0
<i>Salvia punicans</i>	0	0	0	0	0	0	0
<i>Salvia purepecha</i>	0	0	0	1	0	0	0
<i>Salvia purpurea</i>	0	0	0	0	0	0	0
<i>Salvia purpusii</i>	0	0	0	0	0	1	0
<i>Salvia pusilla</i>	0	0	0	1	0	0	0
<i>Salvia quercetorum</i>	0	0	0	0	0	0	0
<i>Salvia quitensis</i>	0	0	0	0	0	0	0
<i>Salvia ramamoorthyana</i>	0	0	0	1	0	0	0
<i>Salvia ramirezii</i>	0	0	0	0	0	0	0
<i>Salvia ramosa</i>	0	0	0	1	0	0	0
<i>Salvia raveniana</i>	0	0	0	0	0	0	0
<i>Salvia raymondii</i>	0	0	0	0	0	0	0
<i>Salvia recurva</i>	0	0	0	0	0	0	0

<i>Salvia reflexa</i>	0	0	0	1	0	1	0
<i>Salvia reginae</i>	0	0	0	0	0	0	0
<i>Salvia regla</i>	0	0	0	1	0	1	0
<i>Salvia regnelliana</i>	0	0	0	0	0	0	0
<i>Salvia reptans</i>	0	0	0	1	0	0	0
<i>Salvia retinervia</i>	0	0	0	0	0	0	0
<i>Salvia revoluta</i>	0	0	0	0	0	0	0
<i>Salvia rhodostephana</i>	0	0	0	0	0	0	0
<i>Salvia rhombifolia</i>	0	0	0	0	0	1	0
<i>Salvia rhyacophila</i>	0	0	0	0	0	0	0
<i>Salvia richardsonii</i>	0	0	0	0	0	0	0
<i>Salvia rivularis</i>	0	0	0	0	0	0	0
<i>Salvia robertoana</i>	0	0	0	0	0	0	0
<i>Salvia rogersiana</i>	0	0	0	0	0	0	0
<i>Salvia roscida</i>	0	0	0	0	0	0	0
<i>Salvia rosei</i>	0	0	0	0	0	0	0
<i>Salvia rosmarinoides</i>	0	0	0	0	0	0	0
<i>Salvia rostellata</i>	0	0	0	0	0	0	0
<i>Salvia rubescens</i>	0	0	0	0	0	0	0
<i>Salvia rubiginosa</i>	0	0	0	0	0	0	0
<i>Salvia rubrifaux</i>	0	0	0	0	0	0	0
<i>Salvia rubriflora</i>	0	0	0	0	0	0	0
<i>Salvia rubropunctata</i>	0	0	0	0	0	0	0
<i>Salvia rufula</i>	0	0	0	0	0	0	0
<i>Salvia rusbyi</i>	0	0	0	0	0	0	0

<i>Salvia rypara</i>	0	0	0	0	0	0	0
<i>Salvia rzedowskii</i>	0	0	0	0	0	0	0
<i>Salvia saccifera</i>	0	0	0	0	0	0	0
<i>Salvia sagittata</i>	0	0	0	0	0	0	0
<i>Salvia salicifolia</i>	0	0	0	0	0	0	0
<i>Salvia sanctae-luciae</i>	0	0	0	0	0	0	0
<i>Salvia santanae</i>	0	0	0	0	0	0	0
<i>Salvia sapinea</i>	0	0	0	0	0	0	0
<i>Salvia sarmentosa</i>	0	0	0	0	0	0	0
<i>Salvia scabrata</i>	0	0	0	0	0	0	0
<i>Salvia scabrida</i>	0	0	0	0	0	0	0
<i>Salvia scandens</i>	0	0	0	0	0	0	0
<i>Salvia scaposa</i>	0	0	0	0	0	0	0
<i>Salvia schaffneri</i>	0	0	0	1	0	1	0
<i>Salvia sciaphila</i>	0	0	0	0	0	0	0
<i>Salvia scoparia</i>	0	0	0	0	0	0	0
<i>Salvia scutellarioides</i>	0	0	0	0	0	0	0
<i>Salvia secunda</i>	0	0	0	0	0	0	0
<i>Salvia seemannii</i>	0	0	0	0	0	0	0
<i>Salvia selleana</i>	0	0	0	0	0	0	0
<i>Salvia sellowiana</i>	0	0	0	0	0	0	0
<i>Salvia semiatrata</i>	0	0	0	0	0	0	0
<i>Salvia semiscaposa</i>	0	0	0	0	0	0	0
<i>Salvia serotina</i>	0	0	0	0	0	0	0
<i>Salvia serpyllifolia</i>	0	0	0	1	0	1	0

<i>Salvia serranoae</i>	0	0	0	0	0	0	0
<i>Salvia sessei</i>	0	0	0	0	0	0	0
<i>Salvia setulosa</i>	0	0	0	0	0	0	0
<i>Salvia shannonii</i>	0	0	0	0	0	0	0
<i>Salvia sigchosica</i>	0	0	0	0	0	0	0
<i>Salvia silvarum</i>	0	0	0	0	0	0	0
<i>Salvia similis</i>	0	0	0	0	0	1	0
<i>Salvia simulans</i>	0	0	0	0	0	0	0
<i>Salvia sirenis</i>	0	0	0	0	0	0	0
<i>Salvia sochensis</i>	0	0	0	0	0	0	0
<i>Salvia sophrona</i>	0	0	0	0	0	0	0
<i>Salvia sordida</i>	0	0	0	0	0	0	0
<i>Salvia speciosa</i>	0	0	0	0	0	0	0
<i>Salvia speirematoides</i>	0	0	0	0	0	0	0
<i>Salvia spellenbergii</i>	0	0	0	0	0	0	0
<i>Salvia sphacelifolia</i>	0	0	0	0	0	0	0
<i>Salvia sphacelioides</i>	0	0	0	0	0	0	0
<i>Salvia splendens</i>	0	0	0	0	0	0	0
<i>Salvia sprucei</i>	0	0	0	0	0	0	0
<i>Salvia squalens</i>	0	0	0	0	0	0	0
<i>Salvia stachydifolia</i>	0	0	0	0	0	0	0
<i>Salvia stachyoides</i>	0	0	0	1	0	0	0
<i>Salvia stolonifera</i>	0	0	0	0	0	0	0
<i>Salvia striata</i>	0	0	0	0	0	0	0
<i>Salvia strobilanthoides</i>	0	0	0	0	0	0	0

<i>Salvia stypkelus</i>	0	0	0	0	0	0	0
<i>Salvia subaequalis</i>	0	0	0	0	0	0	0
<i>Salvia subglabra</i>	0	0	0	0	0	0	0
<i>Salvia subhastata</i>	0	0	0	0	0	0	0
<i>Salvia subincisa</i>	0	0	0	1	0	1	0
<i>Salvia subobscura</i>	0	0	0	0	0	0	0
<i>Salvia subpatens</i>	0	0	0	0	0	0	0
<i>Salvia subrotunda</i>	0	0	0	0	0	0	0
<i>Salvia subrubens</i>	0	0	0	0	0	0	0
<i>Salvia subscandens</i>	0	0	0	0	0	0	0
<i>Salvia sucrensis</i>	0	0	0	0	0	0	0
<i>Salvia synodonta</i>	0	0	0	0	0	0	0
<i>Salvia tafallae</i>	0	0	0	0	0	1	0
<i>Salvia tehuacana</i>	0	0	0	1	0	1	0
<i>Salvia tenella</i>	0	0	0	0	0	0	0
<i>Salvia tenorioi</i>	0	0	0	0	0	0	0
<i>Salvia tenuiflora</i>	0	0	0	0	0	0	0
<i>Salvia teresae</i>	0	0	0	0	0	0	0
<i>Salvia tetramerioides</i>	0	0	0	0	0	0	0
<i>Salvia textitlana</i>	0	0	0	0	0	0	0
<i>Salvia thomasiana</i>	0	0	0	0	0	0	0
<i>Salvia thormannii</i>	0	0	0	0	0	0	0
<i>Salvia thymoides</i>	0	0	0	1	0	1	0
<i>Salvia thyrsoflora</i>	0	0	0	0	0	0	0
<i>Salvia tilantongensis</i>	0	0	0	0	0	0	0

<i>Salvia tiliifolia</i>	0	0	0	1	0	0	0
<i>Salvia toaensis</i>	0	0	0	0	0	0	0
<i>Salvia tolimensis</i>	0	0	0	0	0	0	0
<i>Salvia tomentella</i>	0	0	0	0	0	0	0
<i>Salvia tonalensis</i>	0	0	0	0	0	0	0
<i>Salvia tonaticensis</i>	0	0	0	0	0	0	0
<i>Salvia topiensis</i>	0	0	0	0	0	0	0
<i>Salvia tortuensis</i>	0	0	0	0	0	0	0
<i>Salvia tortuosa</i>	0	0	0	0	0	0	0
<i>Salvia trachyphylla</i>	0	0	0	0	0	0	0
<i>Salvia trichopes</i>	0	0	0	0	0	0	0
<i>Salvia trichostephana</i>	0	0	0	0	0	0	0
<i>Salvia tricuspidata</i>	0	0	0	0	0	0	0
<i>Salvia trifilis</i>	0	0	0	0	0	0	0
<i>Salvia tubifera</i>	0	0	0	0	0	0	0
<i>Salvia tubiflora</i>	0	0	0	0	0	0	0
<i>Salvia tubulosa</i>	0	0	0	0	0	0	0
<i>Salvia tuerckheimii</i>	0	0	0	0	0	0	0
<i>Salvia turneri</i>	0	0	0	0	0	0	0
<i>Salvia tuxtensis</i>	0	0	0	0	0	0	0
<i>Salvia uliginosa</i>	0	0	0	0	0	0	0
<i>Salvia umbraticola</i>	0	0	0	0	0	0	0
<i>Salvia umbratilis</i>	0	0	0	0	0	0	0
<i>Salvia uncinata</i>	0	0	0	0	0	0	0
<i>Salvia unguella</i>	0	0	0	0	0	0	0

<i>Salvia unicastata</i>	0	0	0	1	0	1	0
<i>Salvia univerticillata</i>	0	0	0	0	0	0	0
<i>Salvia uribei</i>	0	0	0	0	0	0	0
<i>Salvia urica</i>	0	0	0	0	0	0	0
<i>Salvia urolepis</i>	0	0	0	0	0	0	0
<i>Salvia urticifolia</i>	0	0	0	0	1	0	0
<i>Salvia uruapana</i>	0	0	0	0	0	0	0
<i>Salvia vargas-llosae</i>	0	0	0	0	0	0	0
<i>Salvia vargasii</i>	0	0	0	0	0	0	0
<i>Salvia variana</i>	0	0	0	0	0	0	0
<i>Salvia vazquezii</i>	0	0	0	0	0	0	0
<i>Salvia venturana</i>	0	0	0	0	0	0	0
<i>Salvia venulosa</i>	0	0	0	0	0	0	0
<i>Salvia verecunda</i>	0	0	0	1	0	0	0
<i>Salvia veronicifolia</i>	0	0	0	1	0	0	0
<i>Salvia vestita</i>	0	0	0	0	0	0	0
<i>Salvia villosa</i>	0	0	0	1	0	1	0
<i>Salvia viscida</i>	0	0	0	0	0	0	0
<i>Salvia vitifolia</i>	0	0	0	0	0	0	0
<i>Salvia wagneriana</i>	0	0	0	0	0	0	0
<i>Salvia weberbaueri</i>	0	0	0	0	0	0	0
<i>Salvia whitefordiae</i>	0	0	0	0	0	0	0
<i>Salvia wixarika</i>	0	0	0	0	0	0	0
<i>Salvia xalapensis</i>	0	0	0	0	0	0	0
<i>Salvia xanthophylla</i>	0	0	0	0	0	0	0

<i>Salvia xanthotricha</i>	0	0	0	0	0	0	0
<i>Salvia xeropapillosa</i>	0	0	0	0	0	0	0
<i>Salvia xolocotzii</i>	0	0	0	0	0	0	0
<i>Salvia yukoyukparum</i>	0	0	0	0	0	0	0
<i>Salvia zamoranensis</i>	0	0	0	0	0	0	0
<i>Salvia zaragozana</i>	0	0	0	0	0	0	0

TSGSS	FGS	TSMBLF	TSDBF	TSCF	M	MGS	
0	0	0	0	0	1	0	0
0	0	0	0	0	0	0	1
0	0	0	0	0	1	0	0
1	0	0	0	1	1	0	0
0	0	0	0	0	1	0	0
0	0	0	0	1	1	0	0
0	0	0	0	0	0	0	1
0	0	1	0	0	0	0	0
0	0	0	0	0	1	0	0
0	0	1	1	1	0	0	0
0	0	0	0	0	1	0	0
0	0	0	0	0	1	0	0
0	0	0	0	0	0	0	1
0	0	0	0	0	0	0	1
0	0	1	0	0	0	0	0
1	0	1	1	1	0	0	0
0	0	0	0	0	1	0	0
0	0	1	0	0	0	0	0
0	0	0	0	0	0	0	0
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0	0	1	1	1	0	0	0
0	0	0	0	0	0	0	0
0	0	1	0	0	0	0	0
0	0	1	0	0	0	0	0

0	0	0	0	1	0	0
0	0	0	0	0	0	1
0	0	0	0	1	0	0
0	0	0	0	1	0	0
0	0	1	0	0	0	0
0	0	0	0	1	0	0
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0	0	1	0	0	0	0
0	0	0	0	1	0	0
0	0	0	1	1	0	0

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0	0	1	0	0	0	0
1	0	1	0	0	0	0
0	0	0	0	1	0	0
0	0	0	1	0	0	0
0	0	0	1	0	0	0
0	0	0	0	1	0	0
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0	0	0	0	1	0	0
0	0	1	0	0	0	0
0	0	0	0	0	0	1
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0	0	1	0	0	0	0
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0	0	0	0	0	0	1
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0	0	1	0	0	0	0

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0	0	0	0	1	0	0
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0	0	0	0	1	0	0
0	0	0	0	1	0	0
0	0	0	0	0	0	0
1	0	1	1	0	0	0
0	0	0	0	0	0	1

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Biome code	Meaning
T	Tundra
BFT	Boreal Forests/Taiga
TCF	Temperate Coniferous Forests
TGSS	Temperate Grasslands, Savannas, and Shrublands
TBMF	Temperate Broadleaf and Mixed Forests
DXS	Deserts and Xeric Shrublands
MFWS	Mediterranean Forests, Woodlands, and Scrubs
TGSS	Tropical and Subtropical Grasslands, Savannas and Shrublands
FGS	Flooded Grasslands and Savannas
TSMBLF	Tropical and Subtropical Moist Broad Leaf Forests
TSDBF	Tropical and Subtropical Dry Broadleaf Forests
TSCF	Tropical and Subtropical Coniferous Forests
M	Mangroves
MGS	Montane Grasslands and Shrublands

	<i>Salvia acerifolia</i>	<i>Salvia acuminata</i>	<i>Salvia adenophora</i>	<i>Salvia aequidistans</i>	<i>Salvia agnes</i>	<i>Salvia alamosana</i>	<i>Salvia alata</i>	<i>Salvia alba</i>	<i>Salvia albicalyx</i>	<i>Salvia albiterrarum</i>	<i>Salvia albocaerulea</i>
Anguilla	0	0	0	0	0	0	0	0	0	0	0
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Argentina	0	0	0	0	0	0	0	0	0	0	0
Aruba	0	0	0	0	0	0	0	0	0	0	0
Bahamas	0	0	0	0	0	0	0	0	0	0	0
Barbados	0	0	0	0	0	0	0	0	0	0	0
Belize	0	0	0	0	0	0	0	0	0	0	0
Bermuda	0	0	0	0	0	0	0	0	0	0	0
Bolivia	0	0	0	0	0	0	0	1	0	0	0
Brazil	0	0	0	0	0	0	0	0	0	0	0
British Virgin Islands	0	0	0	0	0	0	0	0	0	0	0
Canada	0	0	0	0	0	0	0	0	0	0	0
Caribbean Netherlands	0	0	0	0	0	0	0	0	0	0	0
Cayman Islands	0	0	0	0	0	0	0	0	0	0	0
Chile	0	0	0	0	0	0	0	0	0	0	0
Colombia	0	0	0	0	0	0	0	0	0	0	0
Costa Rica	0	0	0	0	0	0	0	0	0	0	0
Cuba	0	0	0	0	0	0	0	0	0	0	0
Curaçao	0	0	0	0	0	0	0	0	0	0	0
Dominican Republic	0	0	0	0	0	0	0	0	0	0	0
Dominica	0	0	0	0	0	0	0	0	0	0	0
Ecuador	0	0	0	0	0	0	0	0	0	0	0
El Salvador	0	0	0	0	0	0	0	0	0	0	0
Falkland Islands	0	0	0	0	0	0	0	0	0	0	0
French Guiana	0	0	0	0	0	0	0	0	0	0	0
Greenland	0	0	0	0	0	0	0	0	0	0	0
Grenada	0	0	0	0	0	0	0	0	0	0	0
Guadeloupe	0	0	0	0	0	0	0	0	0	0	0

Guatemala	0	0	0	0	0	0	0	0	0	0	0
Guyana	0	0	0	0	0	0	0	0	0	0	0
Haiti	0	0	0	0	0	0	0	0	0	0	0
Honduras	0	0	0	0	0	0	0	0	0	0	0
Jamaica	0	0	0	0	0	0	0	0	0	0	0
Martinique	0	0	0	0	0	0	0	0	0	0	0
Mexico	1	0	1	1	1	1	0	0	1	1	1
Montserrat	0	0	0	0	0	0	0	0	0	0	0
Nicaragua	0	0	0	0	0	0	0	0	0	0	0
Panama	0	0	0	0	0	0	0	0	0	0	0
Paraguay	0	0	0	0	0	0	0	0	0	0	0
Peru	0	1	0	0	0	0	1	0	0	0	0
Puerto Rico	0	0	0	0	0	0	0	0	0	0	0
Sain Vicent and the Grenadines	0	0	0	0	0	0	0	0	0	0	0
Saint Barthélemy	0	0	0	0	0	0	0	0	0	0	0
Saint Kitts and Nevis	0	0	0	0	0	0	0	0	0	0	0
Saint Lucia	0	0	0	0	0	0	0	0	0	0	0
Saint Martin	0	0	0	0	0	0	0	0	0	0	0
Saint Pierre and Miquelon	0	0	0	0	0	0	0	0	0	0	0
Sint Maarten	0	0	0	0	0	0	0	0	0	0	0
Suriname	0	0	0	0	0	0	0	0	0	0	0
Trinidad and Tobago	0	0	0	0	0	0	0	0	0	0	0
Turks and Caicos Islands	0	0	0	0	0	0	0	0	0	0	0
United States	0	0	0	0	0	0	0	0	0	0	0
Unites States Virgin Islands	0	0	0	0	0	0	0	0	0	0	0
Uruguay	0	0	0	0	0	0	0	0	0	0	0
Venezuela	0	0	0	0	0	0	0	0	0	0	0

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<i>Salvia axilliflora</i>	<i>Salvia ayavacensis</i>	<i>Salvia azurea</i>	<i>Salvia balaustina</i>	<i>Salvia benthamiana</i>	<i>Salvia biserrata</i>	<i>Salvia blepharophylla</i>	<i>Salvia boegei</i>	<i>Salvia bogotensis</i>	<i>Salvia brachyodonta</i>	<i>Salvia breviflora</i>	<i>Salvia buchananii</i>	<i>Salvia buchii</i>	<i>Salvia bullulata</i>	<i>Salvia bupleuroides</i>	<i>Salvia caaguazuensis</i>	<i>Salvia cabonii</i>	<i>Salvia cacomensis</i>	<i>Salvia caeruleobracteata</i>	<i>Salvia calcicola</i>	<i>Salvia calderoniae</i>
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<i>Salvia calolophos</i>	<i>Salvia camarifolia</i>	<i>Salvia camporum</i>	<i>Salvia candicans</i>	<i>Salvia carbonoi</i>	<i>Salvia cardenasii</i>	<i>Salvia carranzae</i>	<i>Salvia carreyesii</i>	<i>Salvia carrilloi</i>	<i>Salvia caudata</i>	<i>Salvia caymanensis</i>	<i>Salvia cedrosensis</i>	<i>Salvia cerradicola</i>	<i>Salvia chalarothyrsa</i>	<i>Salvia chapadensis</i>	<i>Salvia chapalensis</i>	<i>Salvia hazaroana</i>	<i>Salvia chicamochae</i>	<i>Salvia chionophylla</i>	<i>Salvia clarendonensis</i>	<i>Salvia clarkowanii</i>
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<i>Salvia cuatrecasana</i>	<i>Salvia cubensis</i>	<i>Salvia curta</i>	<i>Salvia curticalyx</i>	<i>Salvia curviflora</i>	<i>Salvia cyanantha</i>	<i>Salvia cyanicalyx</i>	<i>Salvia cyanocephala</i>	<i>Salvia cyanotropha</i>	<i>Salvia cylindriflora</i>	<i>Salvia darcyi</i>	<i>Salvia decora</i>	<i>Salvia decumbens</i>	<i>Salvia decurrens</i>	<i>Salvia diamantina</i>	<i>Salvia dichlamys</i>	<i>Salvia diegoae</i>	<i>Salvia divinorum</i>	<i>Salvia drymocharis</i>	<i>Salvia dryophila</i>	<i>Salvia dugesiana</i>
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0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

<i>Salvia sigchosica</i>	<i>Salvia silvarum</i>	<i>Salvia similis</i>	<i>Salvia simulans</i>	<i>Salvia sirenis</i>	<i>Salvia sochensis</i>	<i>Salvia sophrona</i>	<i>Salvia sordida</i>	<i>Salvia speciosa</i>	<i>Salvia speirematoides</i>	<i>Salvia spellenbergii</i>	<i>Salvia sphacelifolia</i>	<i>Salvia sprucei</i>	<i>Salvia stachyoides</i>	<i>Salvia stolonifera</i>	<i>Salvia striata</i>	<i>Salvia strobilanthoides</i>	<i>Salvia styphelus</i>	<i>Salvia subaequalis</i>	<i>Salvia subglabra</i>	<i>Salvia subhastata</i>
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0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	1	0	0	0	0	0	0	1	0	1	0	0	1	0	0	0	0	0	0
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0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Total
0
0
1
0
0
0
0
0
11
42
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0
0
1
0
37
1
5
0
7
0
17
0
0
0
0
0
0

5
0
15
0
3
0
243
0
0
2
1
49
0
0
0
0
0
0
0
0
0
0
0
0
0
3
1
0
7

	Anguilla	Antigua and Barbuda	Argentina	Bahamas	Barbados	Belize	Bermuda	Bolivia	Brazil	Chile	Colombia
Anguilla	1	0	3	3	3	3	1	2	0	0	2
Antigua and Barbuda		0	1	1	1	1	1	0	0	0	0
Argentina			0	0	0	0	0	7	11	3	1
Bahamas				3	3	3	1	2	0	0	2
Barbados					3	3	1	2	0	0	2
Belize						3	1	2	0	0	3
Bermuda							1	2	0	0	3
Bolivia								0	0	0	0
Brazil									2	2	4
Chile										0	1
Colombia											0
Costa Rica											
Cuba											
Dominican Republic											
Dominica											
Ecuador											
El Salvador											
Grenada											
Guadeloupe											
Guatemala											
Haiti											
Honduras											
Jamaica											
Martinique											
Mexico											

Montserrat
Nicaragua
Panama
Paraguay
Peru
Puerto Rico
Sain Vicent and the Grenadines
Saint Kitts and Nevis
Saint Lucia
Sint Maarten
Trinidad and Tobago
Turks and Caicos Islands
United States
Unites States Virgin Islands
Uruguay
Venezuela

Costa Rica	Cuba	Dominican Republic	Dominica	Ecuador	El Salvador	Grenada	Guadeloupe	Guatemala	Haiti	Honduras	Jamaica	Martinique	Mexico	Montserrat	Nicaragua	Panama	Paraguay	Peru	Puerto Rico	Sain Vicent and the Grenadines
3	3	3	3	1	2	3	3	3	3	3	3	3	3	2	2	3	2	2	3	2
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3	3	3	3	1	2	3	3	3	3	3	3	3	3	2	2	3	2	2	3	2
3	3	3	3	1	2	3	3	3	3	3	3	3	3	2	2	3	2	2	3	2
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3	2	2	2	2	3	2	2	3	2	3	2	2	3	2	3	3	3	11	2	2
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0
0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0
7	3	2	2	13	4	2	2	6	2	4	2	2	6	2	5	7	2	9	2	2
	3	3	3	6	11	3	3	16	3	15	3	3	15	2	12	12	2	5	3	2
		4	3	2	2	3	3	3	4	3	4	3	3	2	2	3	2	2	4	2
			3	1	2	3	3	3	14	3	4	3	3	2	2	3	2	2	4	2
				1	2	3	3	3	3	3	3	3	3	2	2	3	2	2	3	2
					2	1	1	5	1	3	1	1	4	0	3	6	0	16	1	0
						2	2	18	2	20	2	2	15	2	14	8	2	4	2	2
							3	3	3	3	3	3	3	2	2	3	2	2	3	2
								3	3	3	3	3	3	2	2	3	2	2	3	2
									3	25	3	3	39	2	15	11	2	4	3	2
										3	4	3	3	2	2	3	2	2	4	2
											3	3	21	2	15	8	2	4	3	2
												3	3	2	2	3	2	2	4	2
													3	2	2	3	2	2	3	2
														2	13	10	2	4	3	2

2	2	2	2	2	2
	7	2	4	2	2
		2	4	3	2
			2	2	2
				2	2
					2

Saint Kitts and Nevis	Saint Lucia	Sint Maarten	Trinidad and Tobago	Turks and Caicos Islands	United States	Unites States Virgin Islands	Uruguay	Venezuela
1	1	1	3	1	3	3	0	2
1	1	1	1	1	1	1	0	2
0	0	0	0	0	2	0	6	0
1	1	1	3	1	3	3	0	2
1	1	1	3	1	3	3	0	2
1	1	1	3	1	3	3	0	3
1	1	1	1	1	1	1	0	0
0	0	0	2	0	3	2	0	3
0	0	0	0	0	0	0	8	0
0	0	0	0	0	0	0	0	0
0	0	0	2	0	3	2	0	12
1	1	1	3	1	4	3	0	5
1	1	1	3	1	3	3	0	2
1	1	1	3	1	3	3	0	2
1	1	1	3	1	3	3	0	2
1	1	1	1	1	2	1	0	5
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1	1	1	3	1	3	3	0	2
1	1	1	3	1	3	3	0	2
1	1	1	3	1	6	3	0	5
1	1	1	3	1	3	3	0	2
1	1	1	3	1	4	3	0	4
1	1	1	3	1	3	3	0	2
1	1	1	3	1	3	3	0	2
1	1	1	3	1	3	3	0	2
1	1	1	3	1	16	3	0	5

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0	0	0	2	0	3	2	0	4
1	1	1	3	1	4	3	0	6
0	0	0	2	0	2	2	4	2
0	0	0	2	0	3	2	0	5
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0	1	0	3	0	2	2	0	2
	1	1	1	1	1	1	0	0
		1	2	1	1	1	0	0
			1	1	1	1	0	0
				1	3	3	0	2
					1	1	0	0
						3	0	3
							0	2
								0

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Species	Author	Present checklist
<i>Salvia acerifolia</i>	B.L. Turner	1
<i>Salvia acuminata</i>	Ruiz & Pav.	1
<i>Salvia adenophora</i>	Fernald	1
<i>Salvia aequidistans</i>	Fernald	1
<i>Salvia agnes</i>	Epling	1
<i>Salvia alamosana</i>	Rose	1
<i>Salvia alata</i>	Epling	1
<i>Salvia alba</i>	J.R.I. Wood	1
<i>Salvia albicalyx</i>	J.G. González	1
<i>Salvia albiflora</i>	M. Martens & Galeotti	1
<i>Salvia albiterrarum</i>	J.G. González & Art. Castro	1
<i>Salvia albocaerulea</i>	Linden	1
<i>Salvia alborosea</i>	Epling & Játiva	1
<i>Salvia aliciae</i>	E.P. Santos	1
<i>Salvia altimitrata</i>	Epling	0
<i>Salvia altissima</i>	Pohl	1
<i>Salvia alvajaca</i>	Oerst.	1
<i>Salvia amarissima</i>	Ortega	1
<i>Salvia amethystina</i>	Sm.	1
<i>Salvia amissa</i>	Epling	1
<i>Salvia ampelophylla</i>	Epling	1
<i>Salvia amplifrons</i>	Briq.	1
<i>Salvia anastomosans</i>	Ramamoorthy	1
<i>Salvia anguicoma</i>	Epling	1
<i>Salvia angulata</i>	Benth.	1
<i>Salvia angustiarum</i>	Epling	1

<i>Salvia apparicii</i>	Brade & Barb. Per.	0
<i>Salvia aratocensis</i>	(J.R.I. Wood & Harley) Fern. Alonso	1
<i>Salvia arborescens</i>	Urb. & Ekman	1
<i>Salvia arduinervis</i>	Urb. & Ekman	1
<i>Salvia arenaria</i>	A. St.-Hil. ex Benth.	1
<i>Salvia areolata</i>	Epling	1
<i>Salvia aridicola</i>	Briq.	0
<i>Salvia arizonica</i>	A. Gray	1
<i>Salvia arrabidae</i>	Steud.	0
<i>Salvia arthrocoma</i>	Fernald	1
<i>Salvia articulata</i>	Epling	1
<i>Salvia aspera</i>	M. Martens & Galeotti	1
<i>Salvia assurgens</i>	Kunth	1
<i>Salvia atrocalyx</i>	Epling	1
<i>Salvia atrocyanea</i>	Epling	1
<i>Salvia atropaenulata</i>	Epling	1
<i>Salvia austromelissodora</i>	Epling & Játiva	1
<i>Salvia axillaris</i>	Moc. & Sessé ex Benth.	1
<i>Salvia axilliflora</i>	Epling	1
<i>Salvia ayavacensis</i>	Kunth	1
<i>Salvia azurea</i>	Michx. ex Vahl	1
<i>Salvia bahuconu</i>	Urb. & Ekman	1
<i>Salvia balaustina</i>	Pohl	1
<i>Salvia ballotiflora</i>	Benth.	1
<i>Salvia benthamiana</i>	Gardner ex Fielding	1
<i>Salvia betulifolia</i>	Epling	0
<i>Salvia biserrata</i>	M. Martens & Galeotti	1

<i>Salvia blepharophylla</i>	Brandegees ex Epling	1
<i>Salvia boegei</i>	Ramamoorthy	1
<i>Salvia bogotensis</i>	Benth.	1
<i>Salvia booleana</i>	B.L. Turner	0
<i>Salvia borjensis</i>	E.P. Santos	1
<i>Salvia brachyloba</i>	Urb.	1
<i>Salvia brachyodonta</i>	Briq.	1
<i>Salvia brachyphylla</i>	Urb.	1
<i>Salvia breviflora</i>	Moc. & Sessé	1
<i>Salvia brevipes</i>	Benth.	1
<i>Salvia buehananii</i>	Hedge	1
<i>Salvia buchii</i>	Urb.	1
<i>Salvia bullulata</i>	Benth.	1
<i>Salvia bupleuroides</i>	Presl	1
<i>Salvia caaguazuensis</i>	Briq.	1
<i>Salvia cabonii</i>	Urb.	1
<i>Salvia cacaliifolia</i>	Benth.	1
<i>Salvia cacomensis</i>	J.G. González, J.G. Morales, J.L. Rodr.	1
<i>Salvia caeruleobracteata</i>	Mart. Gord., D. Sandoval & García-Mend.	1
<i>Salvia calaminthifolia</i>	Vahl	1
<i>Salvia calcicola</i>	Harley	1
<i>Salvia calderoniae</i>	Bedolla & Zamudio	1
<i>Salvia calolophos</i>	Epling	1
<i>Salvia camarifolia</i>	Benth.	1
<i>Salvia campicola</i>	Briq.	0
<i>Salvia camporum</i>	Epling	1
<i>Salvia candicans</i>	M. Martens & Galeotti	1

<i>Salvia carbonoi</i>	Fern. Alonso	1
<i>Salvia cardenasii</i>	J.R.I. Wood	1
<i>Salvia cardiophylla</i>	Benth.	1
<i>Salvia carnea</i>	Kunth	1
<i>Salvia carranzae</i>	Zamudio & Bedolla	1
<i>Salvia carreyesii</i>	J.G. González	1
<i>Salvia carrilloi</i>	Véliz & Quedensley	1
<i>Salvia cataractarum</i>	Briq.	0
<i>Salvia caudata</i>	Epling	1
<i>Salvia caymanensis</i>	Millsp.	1
<i>Salvia cedrosensis</i>	Greene	1
<i>Salvia cerradicola</i>	E.P. Santos	1
<i>Salvia chalarothyrsa</i>	Fernald	1
<i>Salvia chamaedryoides</i>	Cav.	1
<i>Salvia chapadensis</i>	E.P. Santos & Harley	1
<i>Salvia chapalensis</i>	Briq.	1
<i>Salvia chapmanii</i>	A. Gray	0
<i>Salvia chazaroana</i>	B.L. Turner	1
<i>Salvia chiapensis</i>	Fernald	1
<i>Salvia chicamochoae</i>	J.R.I. Wood & Harley	1
<i>Salvia chionophylla</i>	Fernald	1
<i>Salvia cinnabarina</i>	M. Martens & Galeotti	1
<i>Salvia circinnata</i>	Cav.	0
<i>Salvia clarendonensis</i>	Britton	1
<i>Salvia clarkcowanii</i>	B.L. Turner	1
<i>Salvia clausa</i>	Vell.	0
<i>Salvia clinopodioides</i>	Kunth	1

<i>Salvia coahuilensis</i>	Fernald	1
<i>Salvia coccinea</i>	Buc'hoz ex Etl.	1
<i>Salvia cocuyana</i>	Fern. Alonso	1
<i>Salvia codazziana</i>	Fern. Alonso	1
<i>Salvia coerulea</i>	Benth.	0
<i>Salvia cognata</i>	Urb. & Ekman	1
<i>Salvia collinsii</i>	Donn. Sm.	1
<i>Salvia colonica</i>	Standl. & Williams ex Klitgaard	1
<i>Salvia comayaguana</i>	Standl.	1
<i>Salvia compacta</i>	Kuntze	1
<i>Salvia compsostachys</i>	NA	1
<i>Salvia concolor</i>	Lamb. ex Benth.	1
<i>Salvia confertiflora</i>	Pohl	1
<i>Salvia confertispicata</i>	Fragoso & Mart.Gord	1
<i>Salvia congestiflora</i>	Epling	1
<i>Salvia connivens</i>	Epling	1
<i>Salvia consimilis</i>	Epling	1
<i>Salvia consobrina</i>	Epling	1
<i>Salvia conzattii</i>	Gand.	0
<i>Salvia corazonica</i>	Gilli	0
<i>Salvia cordata</i>	Benth.	1
<i>Salvia coriana</i>	Quedensley & Véliz	1
<i>Salvia corrugata</i>	Vahl	1
<i>Salvia costaricensis</i>	Oerst.	1
<i>Salvia costata</i>	Epling	1
<i>Salvia coulteri</i>	Fernald	1
<i>Salvia crinigera</i>	Gand.	0

<i>Salvia crucis</i>	Epling	1
<i>Salvia cruikshanksii</i>	Benth.	1
<i>Salvia cryptodonta</i>	Fernald	1
<i>Salvia cualensis</i>	J.G. González	1
<i>Salvia cuatrecasana</i>	Epling	1
<i>Salvia cubensis</i>	Britton & P. Wilson	1
<i>Salvia curta</i>	Epling	1
<i>Salvia curticalyx</i>	Epling	1
<i>Salvia curviflora</i>	Benth.	1
<i>Salvia cuspidata</i>	Ruiz & Pav.	1
<i>Salvia cyanantha</i>	Epling	1
<i>Salvia cyanicalyx</i>	Epling	1
<i>Salvia cyanocephala</i>	Epling	1
<i>Salvia cyanotropa</i>	Epling	1
<i>Salvia cylindriflora</i>	Epling	1
<i>Salvia darcyi</i>	J. Compton	1
<i>Salvia dasyantha</i>	Lem.	0
<i>Salvia decora</i>	Epling	1
<i>Salvia decumbens</i>	Alain	1
<i>Salvia decurrens</i>	Epling	1
<i>Salvia densiflora</i>	Benth.	1
<i>Salvia diamantina</i>	E.P. Santos & Harley	1
<i>Salvia dichlamys</i>	Epling	1
<i>Salvia diegoae</i>	Mart. Gord. & Lozada-Pérez	1
<i>Salvia discolor</i>	Kunth	1
<i>Salvia disjuncta</i>	Fernald	1
<i>Salvia divinorum</i>	Epling	1

<i>Salvia dombeyi</i>	Epling	1
<i>Salvia dorisiana</i>	Standl.	1
<i>Salvia drymocharis</i>	Epling	1
<i>Salvia dryophila</i>	Epling	1
<i>Salvia dugesiana</i>	Epling	1
<i>Salvia dugesii</i>	Fernald	0
<i>Salvia durangensis</i>	J.G. González	1
<i>Salvia durantiflora</i>	Epling	0
<i>Salvia duripes</i>	Epling & Mathias	1
<i>Salvia ecuadorensis</i>	Briq.	1
<i>Salvia eizi-matudae</i>	Ramamoorthy	1
<i>Salvia elegans</i>	Vahl	1
<i>Salvia emaciata</i>	Epling	1
<i>Salvia eplingiana</i>	Alziar	0
<i>Salvia eriocalyx</i>	Bertero ex Roem. & Schult.	1
<i>Salvia ernesti-vargasii</i>	C. Nelson	1
<i>Salvia erythropoda</i>	Rusby	0
<i>Salvia erythrostephana</i>	Epling	1
<i>Salvia erythrostroma</i>	Epling	1
<i>Salvia espirito-santensis</i>	Brade & Barb. Per.	1
<i>Salvia evadens</i>	J.G. González & Art. Castro	1
<i>Salvia exilis</i>	Epling	1
<i>Salvia expansa</i>	Epling	1
<i>Salvia exserta</i>	Griseb.	1
<i>Salvia falcata</i>	J.R.I. Wood & Harley	1
<i>Salvia farinacea</i>	Benth.	1
<i>Salvia festiva</i>	Epling	1

<i>Salvia filifolia</i>	Ramamoorthy	1
<i>Salvia filipes</i>	Benth.	1
<i>Salvia firma</i>	Fernald	1
<i>Salvia flaccida</i>	Fernald	1
<i>Salvia flaccidifolia</i>	Fernald	1
<i>Salvia flocculosa</i>	Benth.	1
<i>Salvia florida</i>	Benth.	1
<i>Salvia fluviatilis</i>	Fernald	1
<i>Salvia formosa</i>	L'Hér.	1
<i>Salvia forreri</i>	Greene	0
<i>Salvia foveolata</i>	Urb. & Ekman	1
<i>Salvia fruticetorum</i>	Benth.	1
<i>Salvia fruticulosa</i>	Benth.	1
<i>Salvia fulgens</i>	Cav.	1
<i>Salvia funkii</i>	Briq.	1
<i>Salvia fusca</i>	Epling	1
<i>Salvia fuscomanicata</i>	Fern. Alonso	1
<i>Salvia gachantivana</i>	Fern. Alonso	1
<i>Salvia galeata</i>	Ruiz & Pav.	0
<i>Salvia galloana</i>	B.L. Turner	1
<i>Salvia gavilanensis</i>	Martínez-Ambr., Fragoso & Mart. Gord.	1
<i>Salvia gesneriiflora</i>	Lindl. & Paxton	1
<i>Salvia glabra</i>	M. Martens & Galeotti	1
<i>Salvia glabrata</i>	Kunth	0
<i>Salvia glandulifera</i>	Cav.	1
<i>Salvia glechomifolia</i>	Kunth	1
<i>Salvia glumacea</i>	Kunth	0

<i>Salvia goldmanii</i>	Fernald	1
<i>Salvia gonzalezii</i>	Fernald	1
<i>Salvia gracilipes</i>	Epling	1
<i>Salvia graciliramulosa</i>	Epling & Játiva	1
<i>Salvia gracilis</i>	Benth.	1
<i>Salvia grandis</i>	Epling	1
<i>Salvia gravida</i>	Epling	1
<i>Salvia greggii</i>	A. Gray	1
<i>Salvia grewiifolia</i>	S. Moore	1
<i>Salvia grisea</i>	Epling & Mathias	1
<i>Salvia griseifolia</i>	Epling	1
<i>Salvia guacana</i>	Fern. Alonso	1
<i>Salvia guadalajarensis</i>	Briq.	1
<i>Salvia guaneorum</i>	Fern. Alonso	1
<i>Salvia guaranitica</i>	A. St.-Hil. ex Benth.	1
<i>Salvia guevarae</i>	Bedolla & Zamudio	1
<i>Salvia gypsophila</i>	B.L. Turner	1
<i>Salvia haenkei</i>	Benth.	1
<i>Salvia haitiensis</i>	Urb.	1
<i>Salvia hamulus</i>	Epling	1
<i>Salvia hapalophylla</i>	Epling	1
<i>Salvia harleyana</i>	E.P. Santos	1
<i>Salvia hatschbachii</i>	E.P. Santos	1
<i>Salvia heerii</i>	Regel	1
<i>Salvia helianthemifolia</i>	Benth.	1
<i>Salvia herbacea</i>	Benth.	1
<i>Salvia hermesiana</i>	Fern. Alonso	1

<i>Salvia herrerae</i>	Epling	1
<i>Salvia heterofolia</i>	Epling & Mathias	1
<i>Salvia heterotricha</i>	Fernald	1
<i>Salvia hidalgensis</i>	Miranda	1
<i>Salvia hilarii</i>	Benth.	1
<i>Salvia hintonii</i>	Epling	1
<i>Salvia hirsuta</i>	Jacq.	1
<i>Salvia hirta</i>	Kunth	1
<i>Salvia hirtella</i>	Vahl	1
<i>Salvia hispanica</i>	L.	1
<i>Salvia holwayi</i>	Blake	1
<i>Salvia hotteana</i>	Urb. & Ekman	1
<i>Salvia humboldtiana</i>	F.Dietr.	1
<i>Salvia hunzikeri</i>	A. Granda	1
<i>Salvia ianthina</i>	Otto & A. Dietr.	1
<i>Salvia ibugana</i>	J.G. González	1
<i>Salvia igualensis</i>	Fernald	0
<i>Salvia incumbens</i>	Urb. & Ekman	1
<i>Salvia incurvata</i>	Ruiz & Pav.	1
<i>Salvia indigocephala</i>	Ramamoorthy	1
<i>Salvia infuscata</i>	Epling	1
<i>Salvia innoxia</i>	Epling & Mathias	1
<i>Salvia inornata</i>	Epling	1
<i>Salvia integrifolia</i>	Ruiz & Pav.	1
<i>Salvia intonsa</i>	Epling	1
<i>Salvia involucrata</i>	Cav.	1
<i>Salvia iodantha</i>	Fernald	1

<i>Salvia iodochoea</i>	Briq.	0
<i>Salvia iodophylla</i>	Epling	1
<i>Salvia ionocalyx</i>	Epling	1
<i>Salvia isochroma</i>	(Fernald) B.L. Turner	0
<i>Salvia itaguassuensis</i>	Brade & Barb. Per.	0
<i>Salvia itatiaiensis</i>	Dusén	0
<i>Salvia iuliana</i>	Epling	1
<i>Salvia jacalana</i>	B.L. Turner	0
<i>Salvia jacobi</i>	Epling	1
<i>Salvia jaimehintoniana</i>	B.L. Turner	1
<i>Salvia jamaicensis</i>	Fawc.	1
<i>Salvia jaramilloi</i>	Fern. Alonso	1
<i>Salvia jessicae</i>	B.L. Turner	0
<i>Salvia jorgehintoniana</i>	Ramamoorthy ex B.L. Turner	0
<i>Salvia karwinskii</i>	Benth.	1
<i>Salvia keerlii</i>	Benth.	1
<i>Salvia kellermanii</i>	Donn. Sm.	1
<i>Salvia killipiana</i>	Epling	1
<i>Salvia lachnoclada</i>	Briq.	1
<i>Salvia lachnostachys</i>	Benth.	1
<i>Salvia lachnostoma</i>	Epling	1
<i>Salvia laevis</i>	Benth.	1
<i>Salvia lamiifolia</i>	Jacq.	1
<i>Salvia langlassei</i>	Fernald	1
<i>Salvia languidula</i>	Epling	1
<i>Salvia lanicalyx</i>	Epling	1
<i>Salvia lanicaulis</i>	Epling & Játiva	1

<i>Salvia lapazana</i>	B.L. Turner	1
<i>Salvia lasiantha</i>	Benth.	1
<i>Salvia lasiocephala</i>	Hook. & Arn.	1
<i>Salvia lavanduloides</i>	Kunth	1
<i>Salvia lavendula</i>	Alain	1
<i>Salvia laxispicata</i>	Epling	1
<i>Salvia leninae</i>	Epling	1
<i>Salvia lenta</i>	Fernald	0
<i>Salvia leonia</i>	Benth.	0
<i>Salvia leptostachys</i>	Benth.	1
<i>Salvia leucantha</i>	Cav.	1
<i>Salvia leucocephala</i>	Kunth	1
<i>Salvia leucochlamys</i>	Epling	1
<i>Salvia libanensis</i>	Rusby	1
<i>Salvia lineata</i>	Benth.	1
<i>Salvia littae</i>	Vis.	1
<i>Salvia lobbii</i>	Epling	1
<i>Salvia longibracteolata</i>	E.P. Santos	1
<i>Salvia longispicata</i>	M. Martens & Galeotti	1
<i>Salvia longistyla</i>	Benth.	1
<i>Salvia lophanthoides</i>	Fernald	1
<i>Salvia loxensis</i>	Benth.	1
<i>Salvia lozanoi</i>	Fernald	1
<i>Salvia lycioides</i>	A. Gray	1
<i>Salvia macellaria</i>	Epling	1
<i>Salvia macrocalyx</i>	Gardner	1
<i>Salvia macrophylla</i>	Benth.	1

<i>Salvia macrostachya</i>	Kunth	1
<i>Salvia madrensis</i>	Seem.	1
<i>Salvia madrigalii</i>	Zamudio & Bedolla	1
<i>Salvia malvifolia</i>	Epling & Játiva	1
<i>Salvia manantlanensis</i>	B.L. Turner	1
<i>Salvia manaurica</i>	Fern. Alonso	1
<i>Salvia marci</i>	Epling	0
<i>Salvia mattogrossensis</i>	Pilg.	1
<i>Salvia mayorii</i>	Briq.	0
<i>Salvia mazatlanensis</i>	Fernald	0
<i>Salvia mcvaughii</i>	Bedolla, Lara & Zamudio	1
<i>Salvia medusa</i>	Epling & Játiva	1
<i>Salvia meera</i>	Ramamoorthy ex J.G. González & Santan	1
<i>Salvia melaleuca</i>	Epling	1
<i>Salvia melissiflora</i>	Benth.	1
<i>Salvia melissodora</i>	Lag.	1
<i>Salvia mentiens</i>	Pohl	1
<i>Salvia mexiae</i>	Epling	1
<i>Salvia mexicana</i>	L.	1
<i>Salvia microdictya</i>	Urb. & Ekman	1
<i>Salvia microphylla</i>	Kunth	1
<i>Salvia minarum</i>	Briq.	1
<i>Salvia miniata</i>	Fernald	1
<i>Salvia misella</i>	Kunth	1
<i>Salvia mocinoi</i>	Benth.	1
<i>Salvia modica</i>	Epling	1
<i>Salvia monantha</i>	Brandege	1

<i>Salvia monclovensis</i>	Fernald	1
<i>Salvia moniliformis</i>	Fernald	1
<i>Salvia montecristina</i>	Urb. & Ekman	1
<i>Salvia moranii</i>	B.L. Turner	1
<i>Salvia mornicola</i>	Urb. & Ekman	1
<i>Salvia muelleri</i>	Epling	1
<i>Salvia muscarioides</i>	Fernald	1
<i>Salvia nana</i>	Kunth	1
<i>Salvia nemoralis</i>	Dusén ex Epling	0
<i>Salvia neovidensis</i>	Benth.	1
<i>Salvia nervata</i>	M. Martens & Galeotti	1
<i>Salvia nervosa</i>	Benth.	1
<i>Salvia nitida</i>	Benth.	1
<i>Salvia novoleontis</i>	B.L. Turner	0
<i>Salvia nubigena</i>	J.R.I. Wood & Harley	1
<i>Salvia nubilorum</i>	Játiva & Epling	1
<i>Salvia oaxacana</i>	Fernald	1
<i>Salvia oblongifolia</i>	M. Martens & Galeotti	1
<i>Salvia obtorta</i>	Epling	0
<i>Salvia obumbrata</i>	Epling	1
<i>Salvia occidentalis</i>	Sw.	1
<i>Salvia occidua</i>	Epling	1
<i>Salvia occultiflora</i>	Epling	1
<i>Salvia ochrantha</i>	Epling	1
<i>Salvia ocimifolia</i>	Epling	1
<i>Salvia odam</i>	J.G. González	1
<i>Salvia oligantha</i>	Dusén	1

<i>Salvia ombrophila</i>	Dusén	1
<i>Salvia omissa</i>	J.G. González	1
<i>Salvia opertiflora</i>	Epling	1
<i>Salvia ophiocephala</i>	J.R.I. Wood	1
<i>Salvia oppositiflora</i>	Ruiz & Pav.	1
<i>Salvia orbignaei</i>	Benth.	1
<i>Salvia oreopola</i>	Fernald	1
<i>Salvia oresbia</i>	Fernald	1
<i>Salvia orthostachys</i>	Epling	1
<i>Salvia ovalifolia</i>	A. St.-Hil. ex Benth.	1
<i>Salvia oxyphora</i>	Briq.	1
<i>Salvia ozolotepecensis</i>	J. G. González & Fragoso	1
<i>Salvia pachypoda</i>	Briq.	0
<i>Salvia palealis</i>	Epling	1
<i>Salvia palifolia</i>	Kunth	1
<i>Salvia pallida</i>	Benth.	1
<i>Salvia palmeri</i>	A. Gray	1
<i>Salvia palmetorum</i>	J.G. González & Carnahan	1
<i>Salvia pamplonitana</i>	Fern. Alonso	1
<i>Salvia pannosa</i>	Fernald	1
<i>Salvia pansamalensis</i>	Donn. Sm.	1
<i>Salvia paposana</i>	Phil.	1
<i>Salvia paraguariensis</i>	Briq.	0
<i>Salvia paramicola</i>	Fern. Alonso	1
<i>Salvia parciflora</i>	Urb.	1
<i>Salvia parryi</i>	A. Gray	1
<i>Salvia parviflora</i>	Lag.	0

<i>Salvia paryskii</i>	Skean & Judd	1
<i>Salvia patens</i>	Cav.	1
<i>Salvia patriciae</i>	J. G. González & Martínez-Ambr.	1
<i>Salvia pauciflora</i>	Kunth	0
<i>Salvia pauciserrata</i>	Benth.	1
<i>Salvia paulwalleri</i>	B.L. Turner	0
<i>Salvia paupercula</i>	Epling	1
<i>Salvia pavonii</i>	Benth.	1
<i>Salvia penduliflora</i>	Epling	1
<i>Salvia peninsularis</i>	Brandegee	1
<i>Salvia pennellii</i>	Epling	1
<i>Salvia perblanda</i>	Epling	1
<i>Salvia peregrina</i>	Epling	1
<i>Salvia pericona</i>	B.L. Turner	1
<i>Salvia perlonga</i>	Fernald	1
<i>Salvia perlucida</i>	Epling	1
<i>Salvia perplicata</i>	Epling	1
<i>Salvia persicifolia</i>	A. St.-Hil. ex Benth.	1
<i>Salvia personata</i>	Epling	1
<i>Salvia petrophila</i>	G.X.Hu	0
<i>Salvia pexa</i>	Epling	1
<i>Salvia phaenostemma</i>	Donn. Sm.	1
<i>Salvia pichinchensis</i>	Benth.	1
<i>Salvia pineticola</i>	Epling	1
<i>Salvia pinguiifolia</i>	(Fernald) Wooton & Standl.	0
<i>Salvia platycheila</i>	A. Gray	1
<i>Salvia platyphylla</i>	Briq.	1

<i>Salvia plumosa</i>	Ruiz & Pav.	1
<i>Salvia plurispicata</i>	Epling	1
<i>Salvia podadena</i>	Briq.	1
<i>Salvia polystachya</i>	Cav.	1
<i>Salvia potus</i>	Epling	1
<i>Salvia praestans</i>	Epling	1
<i>Salvia praeterita</i>	Epling	1
<i>Salvia prasiifolia</i>	Benth.	1
<i>Salvia primuliformis</i>	Epling	1
<i>Salvia pringlei</i>	B.L. Rob & Greenm.	1
<i>Salvia procurrens</i>	Benth.	1
<i>Salvia propinqua</i>	Benth.	1
<i>Salvia prostrata</i>	Hook.	1
<i>Salvia protracta</i>	Benth.	1
<i>Salvia pruinosa</i>	Fernald	1
<i>Salvia prunelloides</i>	Kunth	1
<i>Salvia prunifolia</i>	Fernald	1
<i>Salvia pseudoincisa</i>	Epling	0
<i>Salvia pseudomisella</i>	Moran & G.A. Levin	0
<i>Salvia pseudopallida</i>	Epling	1
<i>Salvia pseudorosmarinus</i>	Epling	1
<i>Salvia psilantha</i>	Epling	1
<i>Salvia psilophylla</i>	Epling	1
<i>Salvia psilostachya</i>	Epling	1
<i>Salvia pteroura</i>	Briq.	1
<i>Salvia puberula</i>	Fernald	1
<i>Salvia pubescens</i>	Benth.	0

<i>Salvia pugana</i>	J.G. González & Art. Castro	1
<i>Salvia pulchella</i>	DC.	1
<i>Salvia punctata</i>	Ruiz & Pav.	1
<i>Salvia punicans</i>	Epling	1
<i>Salvia purepecha</i>	Bedolla, Lara & Zamudio	1
<i>Salvia purpurea</i>	Cav.	1
<i>Salvia purpusii</i>	Brandege	1
<i>Salvia pusilla</i>	Fernald	1
<i>Salvia quercetorum</i>	Epling	1
<i>Salvia quitensis</i>	Benth.	1
<i>Salvia ramamoorthyana</i>	Espejo	1
<i>Salvia ramirezii</i>	J.G. González	1
<i>Salvia ramosa</i>	Brandege	1
<i>Salvia raveniana</i>	Ramamoorthy	1
<i>Salvia raymondii</i>	J.R.I. Wood	1
<i>Salvia recurva</i>	Benth.	1
<i>Salvia reflexa</i>	Hornem.	1
<i>Salvia reginae</i>	J.G. González & J.H.	1
<i>Salvia regla</i>	Cav.	1
<i>Salvia regnelliana</i>	Briq.	1
<i>Salvia reitzii</i>	Epling	0
<i>Salvia remota</i>	Benth.	0
<i>Salvia reptans</i>	Jacq.	1
<i>Salvia retinervia</i>	Briq.	1
<i>Salvia revoluta</i>	Ruiz & Pav.	1
<i>Salvia rhodostephana</i>	Epling	1
<i>Salvia rhombifolia</i>	Ruiz & Pav.	1

<i>Salvia rhyacophila</i>	(Fernald) Epling	1
<i>Salvia richardsonii</i>	B.L. Turner	1
<i>Salvia rivularis</i>	Gardner	1
<i>Salvia robertoana</i>	Mart. Gord. & Fragoso	1
<i>Salvia rogersiana</i>	Ramamoorthy ex J.G. González & Cuevas	1
<i>Salvia roscida</i>	Fernald	1
<i>Salvia rosei</i>	Fernald	1
<i>Salvia rosmarinoides</i>	A. St.-Hil. ex Benth.	1
<i>Salvia rostellata</i>	Epling	1
<i>Salvia rubescens</i>	Kunth	1
<i>Salvia rubiginosa</i>	Benth.	1
<i>Salvia rubrifaux</i>	Epling	1
<i>Salvia rubriflora</i>	Epling	1
<i>Salvia rubropunctata</i>	B.L.Rob. & Fernald	1
<i>Salvia rufula</i>	Kunth	1
<i>Salvia rupicola</i>	Fernald	0
<i>Salvia rusbyi</i>	Britton ex Rusby	1
<i>Salvia rypara</i>	Briq.	1
<i>Salvia rzedowskii</i>	Ramamoorthy	1
<i>Salvia saccifera</i>	Urb. & Ekman	1
<i>Salvia sacculus</i>	Epling	0
<i>Salvia sagittata</i>	Ruiz & Pav.	1
<i>Salvia salicifolia</i>	Pohl	1
<i>Salvia sanctae-luciae</i>	Seem.	1
<i>Salvia santanae</i>	Ramamoorthy ex J.G. González & Guzm.-	1
<i>Salvia sapinea</i>	Epling	1
<i>Salvia sarmentosa</i>	Epling	1

<i>Salvia scabrata</i>	Britton ex P. Wilson	1
<i>Salvia scabrida</i>	Pohl	1
<i>Salvia scandens</i>	Epling	1
<i>Salvia scaposa</i>	Epling	1
<i>Salvia schaffneri</i>	Fernald	1
<i>Salvia sciaphila</i>	(J.R.I. Wood & Harley) Fern. Alonso	1
<i>Salvia scoparia</i>	Epling	1
<i>Salvia scutellarioides</i>	Kunth	1
<i>Salvia scytinophylla</i>	Briq.	0
<i>Salvia secunda</i>	Benth.	1
<i>Salvia seemannii</i>	Fernald	1
<i>Salvia selleana</i>	Urb.	1
<i>Salvia sellowiana</i>	Benth.	1
<i>Salvia semiatrata</i>	Zucc.	1
<i>Salvia semiscaposa</i>	Epling ex Fragoso & Mart. Gord.	1
<i>Salvia serboana</i>	B.L. Turner	0
<i>Salvia serotina</i>	L.	1
<i>Salvia serpyllifolia</i>	Fernald	1
<i>Salvia serranoae</i>	J.R.I. Wood	1
<i>Salvia sessei</i>	Benth.	1
<i>Salvia setulosa</i>	Fernald	1
<i>Salvia shannonii</i>	Donn. Sm.	1
<i>Salvia sharpii</i>	Epling & Mathias	0
<i>Salvia sigchosica</i>	Fern. Alonso	1
<i>Salvia silvarum</i>	Epling	1
<i>Salvia similis</i>	Brandegees	1
<i>Salvia simulans</i>	Fernald	1

<i>Salvia sinaloensis</i>	Fernald	0
<i>Salvia sirenis</i>	J. G. González & G. González	1
<i>Salvia sochensis</i>	(J.R.I. Wood & Harley) Fern. Alonso	1
<i>Salvia sophrona</i>	Briq.	1
<i>Salvia sordida</i>	Benth.	1
<i>Salvia speciosa</i>	Presl ex Benth.	1
<i>Salvia speirematoides</i>	C. Wright	1
<i>Salvia spellenbergii</i>	J.G. González	1
<i>Salvia sphacelifolia</i>	Epling	1
<i>Salvia sphacelioides</i>	Benth.	1
<i>Salvia splendens</i>	Sellow ex Roem. & Schultes	1
<i>Salvia sprucei</i>	Briq.	1
<i>Salvia squalens</i>	Kunth	1
<i>Salvia stachydifolia</i>	Benth.	1
<i>Salvia stachyoides</i>	Kunth	1
<i>Salvia stolonifera</i>	Benth.	1
<i>Salvia striata</i>	Benth.	1
<i>Salvia strobilanthoides</i>	C. Wright ex Griseb.	1
<i>Salvia styphelus</i>	Epling	1
<i>Salvia subaequalis</i>	Epling	1
<i>Salvia subglabra</i>	Urb.	1
<i>Salvia subhastata</i>	Epling	1
<i>Salvia subincisa</i>	Benth.	1
<i>Salvia subobscura</i>	Epling	1
<i>Salvia subpatens</i>	Epling	1
<i>Salvia subrotunda</i>	A. St.-Hil. ex Benth.	1
<i>Salvia subrubens</i>	Epling	1

<i>Salvia subscandens</i>	Epling & Játiva	1
<i>Salvia sucrensis</i>	J.R.I. Wood	1
<i>Salvia synodonta</i>	Epling	1
<i>Salvia tafallae</i>	Benth.	1
<i>Salvia tatei</i>	Briq.	0
<i>Salvia tehuacana</i>	Fernald	1
<i>Salvia tenella</i>	Sw.	1
<i>Salvia tenorioi</i>	B.L. Turner	1
<i>Salvia tenuiflora</i>	Epling	1
<i>Salvia tepicensis</i>	Fernald	0
<i>Salvia teresae</i>	Fernald	1
<i>Salvia tetramerioides</i>	Mart. Gord., Fragoso & García-Peña	1
<i>Salvia textitlana</i>	B.L. Turner	1
<i>Salvia thomasiana</i>	Urb.	1
<i>Salvia thormannii</i>	Urb.	1
<i>Salvia thymoides</i>	Benth.	1
<i>Salvia thyrsiflora</i>	Benth.	1
<i>Salvia tilantongensis</i>	J.G. González & Aguilar-Santelises	1
<i>Salvia tiliifolia</i>	Vahl	1
<i>Salvia toaensis</i>	Alain	1
<i>Salvia tolimensis</i>	Kunth	1
<i>Salvia tomentella</i>	Pohl	1
<i>Salvia tonalensis</i>	Brandege	1
<i>Salvia tonaticensis</i>	Ramamoorthy ex Lara, Bedolla & Zamudic	1
<i>Salvia topiensis</i>	J.G. González	1
<i>Salvia tortuensis</i>	Urb.	1
<i>Salvia tortuosa</i>	Kunth	1

<i>Salvia townsendii</i>	Fernald	0
<i>Salvia trachyphylla</i>	Epling	1
<i>Salvia trichopes</i>	Epling	1
<i>Salvia trichostephana</i>	Epling	1
<i>Salvia tricuspидata</i>	M. Martens & Galeotti	1
<i>Salvia trifilis</i>	Epling	1
<i>Salvia tubifera</i>	Cav.	1
<i>Salvia tubiflora</i>	Sm.	1
<i>Salvia tubulosa</i>	Epling	1
<i>Salvia tuerckheimii</i>	Urb.	1
<i>Salvia turneri</i>	Ramamoorthy ex B.L. Turner	1
<i>Salvia tuxtensis</i>	Ramamoorthy	1
<i>Salvia uliginosa</i>	Benth.	1
<i>Salvia umbraticola</i>	Epling	1
<i>Salvia umbratilis</i>	Fernald	1
<i>Salvia uncinata</i>	Urb.	1
<i>Salvia unguella</i>	Epling	1
<i>Salvia unicostata</i>	Fernald	1
<i>Salvia univerticillata</i>	Ramamoorthy ex Klitgaard	1
<i>Salvia uribei</i>	Benth.	1
<i>Salvia urica</i>	Ortega	1
<i>Salvia urolepis</i>	Fernald	1
<i>Salvia urticifolia</i>	L.	1
<i>Salvia uruapana</i>	Fernald	1
<i>Salvia Vargas-Ilosae</i>	Sagást. & E. Rodr.	1
<i>Salvia vargasii</i>	Epling	1
<i>Salvia variana</i>	Epling	1

<i>Salvia vazquezii</i>	Iltis & Ramamoorthy	1
<i>Salvia venturana</i>	B.L. Turner	1
<i>Salvia venulosa</i>	Epling	1
<i>Salvia verecunda</i>	Epling ex M.E. Jones	1
<i>Salvia veronicifolia</i>	A. Gray	1
<i>Salvia vestita</i>	Benth.	1
<i>Salvia villosa</i>	Fernald	1
<i>Salvia viscida</i>	A. St.-Hil. ex Benth.	1
<i>Salvia vitifolia</i>	Benth.	1
<i>Salvia wagneriana</i>	Pol.	1
<i>Salvia warszewicziana</i>	Regel	0
<i>Salvia weberbaueri</i>	Epling	1
<i>Salvia whitefoordiae</i>	Klitgaard	1
<i>Salvia wixarika</i>	J.G. González	1
<i>Salvia xalapensis</i>	Benth.	1
<i>Salvia xanthophylla</i>	Epling & Mathias	1
<i>Salvia xanthotricha</i>	Harley ex E.P. Santos	1
<i>Salvia xeropapillosa</i>	Fern. Alonso	1
<i>Salvia xolocotzii</i>	Bedolla & Zamudio	1
<i>Salvia yukoyukparum</i>	Fern. Alonso	1
<i>Salvia zacualpanensis</i>	Briq.	0
<i>Salvia zamoranensis</i>	Zamudio & Bedolla	1
<i>Salvia zaragozana</i>	B.L. Turner	1
Total		580

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Species	Author
Salvia altimitrata	Epling
Salvia apparicii	Brade & Barb. Per.
Salvia aridicola	Briq.
Salvia arrabidae	Steud.
Salvia betulifolia	Epling
Salvia booleana	B.L. Turner
Salvia campicola	Briq.
Salvia cataractarum	Briq.
Salvia chapmanii	A. Gray
Salvia circinnata	Cav.
Salvia clausa	Vell.
Salvia coerulea	Benth.
Salvia konzattii	Gand.
Salvia crinigera	Gand.
Salvia dasyantha	Lem.
Salvia dugesii	Fernald
Salvia durantiflora	Epling
Salvia eplingiana	Alziar
Salvia erythropoda	Rusby
Salvia forreri	Greene
Salvia galeata	Ruiz & Pav.
Salvia gavilanensis	Martínez-Ambr., Fragoso & Mart. Gord.
Salvia glabrata	Kunth
Salvia glumacea	Kunth
Salvia igualensis	Fernald
Salvia iodochroa	Briq.
Salvia isochroma	(Fernald) B.L. Turner
Salvia itaguassuensis	Brade & Barb. Per.
Salvia itatiaiensis	Dusén
Salvia jacalana	B.L. Turner

<i>Salvia jessicae</i>	B.L. Turner
<i>Salvia jorgehintoniana</i>	Ramamoorthy ex B.L. Turner
<i>Salvia lenta</i>	Fernald
<i>Salvia leonia</i>	Benth.
<i>Salvia marci</i>	Epling
<i>Salvia mayorii</i>	Briq.
<i>Salvia mazatlanensis</i>	Fernald
<i>Salvia nemoralis</i>	Dusén ex Epling
<i>Salvia novoleontis</i>	B.L. Turner
<i>Salvia obtorta</i>	Epling
<i>Salvia pachypoda</i>	Briq.
<i>Salvia palmetorum</i>	J.G. González & Carnahan
<i>Salvia paraguariensis</i>	Briq.
<i>Salvia parviflora</i>	Lag.
<i>Salvia pauciflora</i>	Kunth
<i>Salvia paulwalleri</i>	B.L. Turner
<i>Salvia petrophila</i>	G.X. Hu
<i>Salvia pinguifolia</i>	(Fernald) Wooton & Standl.
<i>Salvia pseudoincisa</i>	Epling
<i>Salvia pseudomisella</i>	Moran & G.A. Levin
<i>Salvia pubescens</i>	Benth.
<i>Salvia reginae</i>	J.G. González & J.H. Vega
<i>Salvia reitzii</i>	Epling
<i>Salvia remota</i>	Benth.
<i>Salvia rupicola</i>	Fernald
<i>Salvia sacculus</i>	Epling
<i>Salvia scytinophylla</i>	Briq.
<i>Salvia serboana</i>	B.L. Turner
<i>Salvia sharpii</i>	Epling & Mathias
<i>Salvia sinaloensis</i>	Fernald
<i>Salvia spellenbergii</i>	J.G. González
<i>Salvia tatei</i>	Briq.
<i>Salvia tepicensis</i>	Fernald

Salvia townsendii	Fernald
Salvia warszewicziana	Regel
Salvia zacualpanensis	Briq.

Reason to be rejected

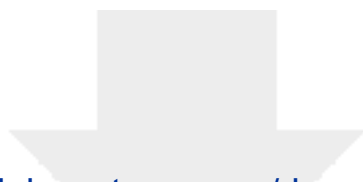
synonym of *Salvia lasiantha* Benth.
synonym of *Salvia fruticetorum* Benth.
synonym of *Salvia nervosa* Benth.
doubtful name (nomen nudum?)
synonym of *Salvia regla* Cav.
synonym of *Salvia schaffneri* Fernald
synonym of *Salvia ovalifolia* A. St.-Hil. ex Benth.
doubtful name
synonym of *Salvia urticifolia* L.
synonym of *Salvia amarissima* Ortega
synonym of *Salvia mentiens* Pohl
synonym of *Salvia guaranitica* A. St.-Hill. ex Benth.
synonym of *Salvia fruticulosa* Benth.
doubtful name
doubtful name
synonym of *Salvia melissodora* Lag.
synonym of *Salvia connivens* Epling
synonym of *Salvia rostellata* Epling
doubtful name
synonym of *Salvia prunelloides* Kunth
doubtful name
recently described
doubtful name
doubtful name
synonym of *Salvia polystachya* Cav.
synonym of *Salvia carnea* Kunth
synonym of *Salvia chamaedryoides* Cav.
synonym of *Salvia neovidensis* Benth.
synonym of *Salvia arenaria* var. *sellowii* Benth.
synonym of *Salvia jaimehintoniana* B.L.Turner

synonym of *Salvia coulteri* Fernald
synonym of *Salvia longistyla* Benth.
synonym of *Salvia polystachya* Cav.
doubtful name
synonym of *Salvia peninsularis* Brandegee
doubtful name
synonym of *Salvia misella* Kunth
synonym of *Salvia ombrophila*
synonym of *Salvia villosa* Fernald
synonym of *Salvia connivens* Epling
synonym of *Salvia ovalifolia* A. St.-Hil. ex Benth.
recently described
synonym of *Salvia lucida* Briq.
invalid name
doubtful name
synonym of *Salvia prunifolia* Fernald
doubtful name
synonym of *Salvia ballotiflora* Benth.
synonym of *Salvia reflexa* Hornem.
synonym of *Salvia misella* Kunth
synonym of *Salvia sessei* Benth.
recently described
synonym of *Salvia congestiflora* Epling
doubtful name
synonym of *Salvia melissodora* Lag.
synonym of *Salvia connivens* Epling
synonym of *Salvia lucida* Briq.
synonym of *Salvia vitifolia* Benth.
synonym of *Salvia blepharophylla* Brandegee ex Epling
synonym of *Salvia prunifolia* Fernald
recently described
doubtful name (probably a synonym of *Salvia prunelloides* Kunth)
synonym of *Salvia aequidistans* Fernald

synonym of *Salvia iodantha* Fernald

doubtful name

doubtful name (probably a synonym of *Salvia alvajaca* Oerst.)



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