Supplementary Table 1. Number of *Salvia* species reported by municipality and with ethnobotanical uses in the Purépecha region. The species identified by an asterisk have ethnobotanical uses.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Municipalities | Species | Species richness | Ethnobotanical richness | % Ethnobotanical uses |
| Pátzcuaro | *S. amarissima\**  *S. assurgens*  *S. clinopodioides\**  *S. elegans\**  *S. fulgens\**  *S. gesneriiflora\**  *S. hispanica\**  *S. iodantha\**  *S. laevis*  *S. lasiocephala*  *S. lavanduloides\**  *S. leucantha\**  *S. longispicata\**  *S. mexicana\**  *S. microphylla\**  *S. polystachia\**  *S. purpurea\**  *S. reptans\**  *S. thyrsiflora\**  *S. tiliifolia\** | 20 | 17 | 85 |
| Tancítaro | *S. albo-caerulea*  *S. clinopodioides\**  *S. dichlamys*  *S. elegans\**  *S. fulgens\**  *S. gesneriiflora\**  *S. hispanica\**  *S. iodantha\**  *S. lasiocephala*  *S. lavanduloides\**  *S. longispicata\**  *S. mexicana\**  *S. microphylla\**  *S. misella*  *S. mocinoi\**  *S. plurispicata*  *S. stachyoides*  *S. thyrsiflora\**  *S. tiliifolia\**  *S. vazquezii\** | 20 | 14 | 70 |
| Uruapan | *S. clinopodioides\**  *S. dichlamys*  *S. gesneriiflora\**  *S. hispanica\**  *S. iodantha\**  *S. lasiocephala*  *S. lavanduloides\**  *S. leucantha\**  *S. longispicata\**  *S. longistyla*  *S. mexicana\**  *S. microphylla\**  *S. misella*  *S. mocinoi\**  *S. plurispicata*  *S. polystachia\**  *S. prunelloides*  *S. thyrsiflora\**  *S. uruapana*  *S. vazquezii\** | 20 | 13 | 65 |
| Erongarícuaro | *S. dichlamys*  *S. fulgens\**  *S. gesneriiflora\**  *S. hispanica\**  *S. iodantha\**  *S. laevis*  *S. lasiocephala*  *S. lavanduloides\**  *S. leptostachys\**  *S. longispicata\**  *S. longistyla*  *S. mexicana\**  *S. microphylla\**  *S. misella*  *S. polystachia\**  *S. purpurea\**  *S. stachyoides*  *S. thyrsiflora\**  *S. tiliifolia\** | 19 | 13 | 68,4 |
| Los Reyes | *S. clinopodioides\**  *S. elegans\**  *S. fulgens\**  *S. gesneriiflora\**  *S. iodantha\**  *S. laevis*  *S. lasiocephala*  *S. lavanduloides\**  *S. longispicata\**  *S. mexicana\**  *S. microphylla\**  *S. mocinoi\**  *S. plurispicata*  *S. polystachia\**  *S. prunelloides*  *S. purpurea\**  *S. reptans\**  *S. roscida*  *S. thyrsiflora\** | 19 | 14 | 73,7 |
| Tangancícuaro | *S. albo-caerulea*  *S. clinopodioides\**  *S. elegans\**  *S. fulgens\**  *S. gesneriiflora\**  *S. helianthemifolia\**  *S. hispanica\**  *S. iodantha\**  *S. laevis*  *S. lavanduloides\**  *S. mexicana\**  *S. misella*  *S. mocinoi\**  *S. plurispicata*  *S. purepecha\**  *S. purpurea\**  *S. stachyoides*  *S. uruapana* | 18 | 12 | 66,7 |
| Tingambato | *S. albo-caerulea*  *S. assurgens*  *S. clinopodioides\**  *S. elegans\**  *S. gesneriiflora\**  *S. hispanica\**  *S. iodantha\**  *S. laevis*  *S. lavanduloides\**  *S. longispicata\**  *S. longistyla*  *S. mexicana\**  *S. microphylla\**  *S. misella*  *S. plurispicata*  *S. polystachia\**  *S. prunelloides*  *S. thyrsiflora\** | 18 | 11 | 61,1 |
| Zacapu | *S. amarissima\**  *S. assurgens*  *S. fulgens\**  *S. gesneriiflora\**  *S. hispanica\**  *S. iodantha\**  *S. lavanduloides\**  *S. leptostachys\**  *S. longispicata\**  *S. mexicana\**  *S. misella*  *S. plurispicata*  *S. polystachia\**  *S. purepecha\**  *S. purpurea\**  *S. reptans\**  *S. thyrsiflora\**  *S. tiliifolia\** | 18 | 15 | 83,3 |
| Quiroga | *S. assurgens*  *S. clinopodioides\**  *S. elegans\**  *S. fulgens\**  *S. gesneriiflora\**  *S. iodantha\**  *S. laevis*  *S. lavanduloides\**  *S. longispicata\**  *S. mexicana\**  *S. polystachia\**  *S. purpurea\**  *S. reptans\**  *S. stachyoides*  *S. thyrsiflora\** | 15 | 12 | 80 |
| Tzintzuntzan | *S. assurgens*  *S. elegans\**  *S. hispanica\**  *S. iodantha\**  *S. laevis*  *S. lasiocephala*  *S. lavanduloides\**  *S. longispicata\**  *S. mexicana\**  *S. microphylla\**  *S. misella*  *S. polystachia\**  *S. purpurea\**  *S. reptans\**  *S. tiliifolia\** | 15 | 11 | 73,3 |
| Nuevo Parangaricutiro | *S. albo-caerulea*  *S. clinopodioides\**  *S. elegans\**  *S. helianthemifolia\**  *S. iodantha\**  *S. lavanduloides\**  *S. longispicata\**  *S. melissodora\**  *S. mexicana\**  *S. mocinoi\**  *S. polystachia\**  *S. thyrsiflora\** | 12 | 11 | 91,7 |
| Paracho | *S. assurgens*  *S. clinopodioides\**  *S. dichlamys*  *S. elegans\**  *S. fulgens\**  *S. gesneriiflora\**  *S. iodantha\**  *S. laevis*  *S. lavanduloides\**  *S. mexicana\**  *S. ramamoorthyana*  *S. stachyoides* | 12 | 7 | 58,3 |
| Cherán | *S. clinopodioides\**  *S. elegans\**  *S. fulgens\**  *S. gesneriiflora\**  *S. iodantha\**  *S. lavanduloides\**  *S. mexicana\**  *S. prunelloides*  *S. purpurea\**  *S. ramamoorthyana*  *S. thyrsiflora\** | 11 | 9 | 81,8 |
| Coeneo | *S. amarissima\**  *S. assurgens*  *S. dichlamys*  *S. hispanica\**  *S. iodantha\**  *S. lasiocephala*  *S. lavanduloides\**  *S. mexicana\**  *S. microphylla\**  *S. purpurea\**  *S. reptans\** | 11 | 8 | 72,7 |
| Nahuatzen | *S. assurgens*  *S. dichlamys*  *S. elegans\**  *S. fulgens\**  *S. gesneriiflora\**  *S. iodantha\**  *S. lavanduloides\**  *S. mexicana\**  *S. prunelloides*  *S. stachyoides*  *S. thyrsiflora\** | 11 | 7 | 63,6 |
| Chilchota | *S. assurgens*  *S. iodantha\**  *S. lavanduloides\**  *S. longispicata\**  *S. longistyla*  *S. mexicana\**  *S. purepecha\**  *S. thyrsiflora\**  *S. tiliifolia\**  *S. purpurea\** | 10 | 8 | 80 |
| Ziracuaretiro | *S. fulgens\**  *S. laevis*  *S. lavanduloides\**  *S. longistyla\**  *S. mexicana\**  *S. misella*  *S. tiliifolia\**  *S. uruapana* | 8 | 4 | 50 |
| Tingüindín | *S. longispicata\**  *S. polystachia\**  *S. reptans\**  *S. sessei*  *S. tiliifolia\** | 5 | 4 | 80 |
| Peribán | *S. lavanduloides\**  *S. polystachia\**  *S. reflexa\**  *S. thyrsiflora\** | 4 | 4 | 100 |
| Tocumbo | *S. amarissima\**  *S. lavanduloides\**  *S. tiliifolia\** | 3 | 3 | 100 |
| Charapan | *S. lavanduloides\**  *S. mexicana\** | 2 | 2 | 100 |
| Tangamandapio | *S. reptans\**  *S. sessei* | 2 | 1 | 50 |

**Supplementary Table 2**. Common names and ethnobotanical uses of the species of the genus *Salvia* present in the Purépecha region.

| Species | Common names | Uses | References |
| --- | --- | --- | --- |
| *Salvia albocaerulea* Linden | no information | no information | no information |
| *Salvia amarissima* Ortega | Spanish: *bretónica* and *hierba del cáncer*  Purépecha: *chan* | medicinal | Esquivel-García et al. 2018; Herbario IEB |
| *Salvia assurgens* Kunth | no information | no information | no information |
| *Salvia clinopodioides* Kunth | *chía* | dietary | Esparza 1989; Motte-Florac and Labat 1994 |
| magical-religious | Cornejo-Tenorio e Ibarra-Manríquez 2019 |
| medicinal | Esparza 1989; Motte-Florac and Labat 1994 |
| *Salvia dichlamys* Epling | no information | no information | no information |
| *Salvia elegans* Vahl | Spanish: *flor del cerro, limoncillo,* and *mirto*  Mazahua: *k´anrrejna*  Purépecha: *huataranapu,* and *tiri-tsitsiki* | magical-religious | Bello-González et al. 2015 |
| medicinal | Bello-González and Salgado 2007; Bello-González et al. 2015; Chávez 2006; Herbario IEB |
| ornamental | Bello-González et al. 2015 |
| *Salvia fulgens* Cav. | Spanish: *mirto*  Mazahua: *ts´imbarenze* | dieatry | Herbario IEB |
| magical-religious | Biblioteca Digital de la Medicina Tradicional Mexicana 2009a |
| medicinal | Biblioteca Digital de la Medicina Tradicional Mexicana, 2009a; Herbario IEB |
| *Salvia gesneriiflora* Lindl. & Paxton | Spanish: *flor de colibrí*  Purépecha: *aparicua, chan, chante,* and *flor de Tzintzungaraman* | magical-religious | Bello-González et al. 2015; Hernández 2005 |
| medicinal | Esparza 1989; Motte-Florac and Labat 1994 |
| *Salvia helianthemifolia* Benth. | Mazahua: *k´anrrejna.* | medicinal | Herbario IEB |
| *Salvia hispanica* L. | Spanish: *chía,* and *chía de castilla* | dietary | Arriaga 2005; Castelló 1986; Lira et al. 2016; Muñoz 2012 |
| craft | Luft 1996 |
| magical-religious | Cornejo-Tenorio and Ibarra-Manríquez 2019 |
| medicinal | Peña 2014; Soto 1987; Toledo 2014 |
| *Salvia iodantha* Fernald | Spanish: *llorona*  other language: *akuitsekura*, and *cueraskua* | magical-religious | Cornejo-Tenorio e Ibarra-Manríquez 2019 |
| medicinal | Aburto 2013; Motte-Florac and Labat 1994 |
| *Salvia laevis* Benth. | no information | no information | no information |
| *Salvia lasiocephala* Hook. & Arn. | no information | no information | no information |
| *Salvia lavanduloides* Kunth | Spanish: *alucema, altamisa, azulejo, azulema, azulilla, cenicilla, chía, chía cimarrona, elotito, flor del cielo, flor de olote, lucema, mazorquilla,* and *toronjil*  Purépecha: *aguanda-tsitsiki*, *chan,* and *conguerani*  other language: *k’uironi simarroni.* | magical-religious | Bello-González et al. 2015; Cornejo-Tenorio and Ibarra-Manríquez 2019 |
| medicinal | Aburto 2013; Bello-González and Salgado 2007; Bello-González et al. 2015; Chávez 2006; Esparza 1989; Esquivel-García et al. 2018; Herbario IEB; Motte-Florac and Labat 1994, Romero-Cerecero et al. 2009; Soto 1987; Toledo 2014 |
| melliferous | Bello-González 2007; Bello-González et al. 2015; Herbario IEB |
| *Salvia leptostachys* Benth. | Spanish: *chía*  Purépecha: *chan* | medicinal | Soto 1987 |
| *Salvia leucantha* Cav. | Spanish: *algodoncillo, cordón de cristo, cordón de San Francisco, cordoncillo,* and *moco de pavo* | medicinal | Arizaga et al. 2018; Biblioteca Digital de la Medicina Tradicional Mexicana, 2009b; Esquivel-García et al. 2018; Fonseca-Chávez et al. 2020; Herbario IEB; Hurtado et al. 2006 |
| ornamental | Researcher observation |
| *Salvia longispicata* M.Martens & Galeotti | Spanish: *chía, chían marrón, cordón de obispo,* and *mirto* | melliferous | Herbario IEB |
| *Salvia longistyla* Benth. | no information | no information | sin información |
| *Salvia melissodora* Lag. | Spanish: *salvia* | medicinal | Bello-González and Salgado 2007 |
| *Salvia mexicana* L. | Spanish: *chía*  Purépecha: *azul-sipari, chante, charahuesca, contrabemberecua, ichukuta,* and *shukurijacuara*  Náhuatl: *tlacote* | dietary | Bello-González et al. 2015 |
| cleaning objects | Bello-González et al. 2015; Caballero and Mapes 1985; Motte-Florac and Labat 1994 |
| magical-religious | Cornejo-Tenorio e Ibarra-Manríquez 2019 |
| materials | Herbario IEB |
| medicinal | Bello-González and Salgado 2007; Bello-González et al. 2015; Esquivel-García et al. 2018; Herbario IEB; Hernández 2005; Toledo 2014 |
| melliferous | Bello-González 2007; Bello-González et al. 2015; Esparza 1989 |
| *Salvia microphylla* Kunth. | Spanish: *cedrón, chía, hierba del mirto, mirto, mirto chico, bandera mexicana, pabellón mexicano, salvia del monte,* and *tronadora*  Purépecha: *mustia*  otra lengua: *charac cucua.* | medicinal | Aburto 2013; Arizaga et al. 2018; Biblioteca Digital de la Medicina Tradicional Mexicana 2009a; Chávez 2006; Esparza 1989; Esquivel-García et al. 2018; Herbarios CIMI, IEB; Hurtado et al. 2006; Motte-Florac and Labat 1994; Ramos 2001; Suárez 1990 |
| melliferous | Herbario IEB |
| ornamental | Researcher observation |
| *Salvia misella* Kunth | no information | no information | no information |
| *Salvia mocinoi* Benth. | no information | magical-religious | Bello-González et al. 2015 |
| *Salvia plurispicata* Epling | no information | no information | no information |
| *Salvia polystachia* Cav. | Spanish: *azulema, chía, lucemilla, romerillo, tlalchichi, toronjil cimarrón,* and *toronjil de monte*  Purépecha: *parhí* or *parhákua* | dietary | Bello-González et al. 2015 |
| medicinal | Bello-González and Salgado 2007; Bello-González et al. 2015; Gallardo 2008; Soto 1987; Suárez1990 |
| melliferous | Herbario IEB |
| ornamental | Herbario IEB |
| *Salvia prunelloides* Kunth | no information | no information | no information |
| *Salvia purepecha* Bedolla, Lara Cabrera & Zamudio | Spanish: *azulejo, chía,* and *elotillo* | magical-religious | Cornejo-Tenorio and Ibarra-Manríquez 2019 |
| *Salvia purpurea* Cav. | Spanish: *chía marrón, flor de morada, llorona, ramoncillo,* and *toronjil de campo*  Purépecha: *cueraskua, hueranscua*, and *siraní tsitsiki* | magical-religious | Bello-González et al. 2015; Cornejo-Tenorio e Ibarra-Manríquez 2019 |
| medicinal | Bello-González et al. 2015; Esparza 1989; Motte-Florac and Labat 1994 |
| ornamental | Bello-González et al. 2015; Motte-Florac and Labat 1994 |
| *Salvia ramamoorthyana* Espejo | no information | no information | no information |
| *Salvia reflexa* Hornem. | no information | melliferous | Bello-González 2007 |
| *Salvia reptans* Jacq. | Spanish: *hierba de pozuña,* and *mirto cobalto* | medicinal | Herbario IEB |
| *Salvia roscida* Fernald | no information | no information | no information |
| *Salvia sessei* Benth. | no information | no information | no information |
| *Salvia stachyoides* Kunth | no information | no information | no information |
| *Salvia thyrsiflora* Benth. | no information | magical-religious | Bello-González et al. 2015 |
| *Salvia tiliifolia* Vahl. | no information | medicinal | Hurtado et al. 2006 |
| *Salvia uruapana* Fernald | no information | no information | no information |
| *Salvia vazquezii* Iltis & Ramamoorthy | Spanish: *cola de borrego* | ornamental | Herbario IEB |

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**Supplementary Table 3**. Classification of health problems and treatments with the species of the genus *Salvia* in the Purépecha region. The classification follows the International Classification of Diseases (WHO-ICD-11 2023).

| **No.** | **Chapters** | **Category I** | **Category II** | **Subcategory I** | **Subcategory II** | **Subcategory III** | **Application** | **Specie** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 1 | **Certain infectious or parasitic diseases** | - | - | - | - | - | fever | *S. leucantha* |
| 2 | **Endocrine, nutritional or metabolic diseases** | Endocrine diseases | Diabetes mellitus | - | - | - | diabetes | *S. leucantha* |
| 3 | **Mental, behavioural or neurodevelopmental disorders** | Anxiety or fear-related disorders | - | - | - | - | nerves | *S. microphylla* |
| 4 | **Sleep-wake disorders** | Insomnia disorders | - | - | - | - | insomnia | *S. microphylla* |
| 5 | **Diseases of the nervous system** | Headache disorders | - | - | - | - | headache | *S. lavanduloides*  *S. polystachia* |
| Cerebral palsy | - | - | - | - | palsy | *S. lavanduloides* |
| 6 | **Diseases of the ear or mastoid process** | Disorders of ear, not elsewhere classified | Otalgia or effusion of ear | Otalgia | - | - | otalgia (earache) | *S. leptostachys*  *S. microphylla* |
| 7 | **Diseases of the respiratory system** | - | - | - | - | - | antitussive (cough) | *S. leucantha*  *S. microphylla* |
| - | - | - | - | - | lung pain | *S. leucantha* |
| - | - | - | - | - | not specified | *S. mexicana* |
| 8 | **Diseases of the digestive system** | Diseases of gallbladder or biliary tract | - | - | - | - | antibiliary (bile) | *S. lavanduloides*  *S. mexicana*  *S. microphylla* |
| - | - | - | - | - | antidiarrheal (diarrhea) | *S. lavanduloides*  *S. melissodora*  *S. microphylla*  *S. reptans* |
| - | - | - | - | - | antiemetic (vomiting) | *S. elegans*  *S. lavanduloides*  *S. leucantha*  *S. melissodora*  *S. microphylla*  *S. tiliifolia* |
| - | - | - | - | - | stomachache | *S. elegans*  *S. leucantha*  *S. mexicana*  *S. polystachia*  *S. purpurea* |
| - | - | - | - | - | stomach infections | *S. microphylla* |
| - | - | - | - | - | purgative | *S. polystachia* |
| - | - | - | - | - | not specified | *S. mexicana* |
| 9 | **Diseases of the skin** | Skin disorders involving specific cutaneous structures | Disorders of the epidermis and epidermal appendages | Disorders of hair | Alopecia or hair loss |  | hair loss | *S. iodantha* |
| Acquired disorders of the hair shaft | Acquired changes in hair colour | blacken hair | *S. polystachia* |
| Skin disorders provoked by external factors | Cutaneous reactions to venomous or noxious animals | Cutaneous insect bite reactions | - | - | insect bites | *S. mexicana* |
| - | - | - | - | - | rashes and inflammation | *S. amarissima*  *S. mexicana*  *S. microphylla* |
| - | - | - | - | - | haematoma | *S. microphylla* |
| 10 | **Diseases of the musculoskeletal system or connective tissue** | - | - | - | - | - | rheumatism | *S. microphylla* |
| 11 | **Diseases of the genitourinary system** | Diseases of the female genital system | - | - | - | - | menorrhagia (heavy menstrual bleeding) | *S. lavanduloides* |
| - | - | - | - | colic | *S. polystachia* |
| Diseases of the urinary system | - | - | - | - | kidney stones | *S. mexicana* |
| - | - | - | - | urinary retention | *S. polystachia* |
| 12 | **Pregnancy, childbirth or the puerperium** | Abortive outcome of pregnancy | Abortion | - | - | - | abortion | *S. leucantha* |
| Complications predominantly related to the puerperium | - | - | - | - | postpartum | *S. leucantha* |
| 13 | **Symptoms, signs or clinical findings, not elsewhere classified** | Symptoms, signs or clinical findings of the visual system | Symptoms or signs involving the visual system | Visual floaters | - | - | foreign body in eyes and crusty eyes | *S. hispanica*  *S. microphylla* |
| Symptoms, signs or clinical findings involving the skin | Symptoms or signs involving the skin | Other specified symptoms or signs involving the skin | - | - | skin care | *S. leucantha* |
| 14 | **Injury, poisoning or certain other consequences of external causes** | Injuries involving multiple body regions | - | - | - | - | muscle aches, sprains, or bumps | *S. hispanica*  *S. microphylla* |
| - | - | - | - | inflammation and wounds | *S. leucantha*  *S. reptans* |
| 15 | **Supplementary Chapter Traditional Medicine Conditions - Module I** | Traditional medicine disorders | Other body system disorders | Female reproductive system disorders (TM1) (including childbirth) | Menstruation associated disorders | Menstruation cycle disorders | normalize menstruation | *S. leucantha* |
| Pregnancy associated disorders | - | childbirth | *S. lavanduloides*  *S. polystachia* |
| Puerperium associated disorders | - | postpartum | *S. gesneriiflora*  *S. leucantha* |
| Other female reproductive system associated disorders | - | Uterine prolapse | *S. leucantha* |
| Organ system disorders | Kidney system disorders | - | - | kidney cleanses | *S. iodantha*  *S. lavanduloides* |
| Childhood and adolescence associated disorders | Night crying disorder | - | - | herbal bath for kids | *S. iodantha* |
| natural sleep aids for kids | *S. fulgens* |
| Traditional medicine patterns | Body constituents patterns | Blood patterns | - | - | purity of the blood | *S. polystachia* |
| 16 | **Cultural affiliation syndromes** | - | - | - | - | - | *aire* or *mal del viento* | *S. leptostachys*  *S. leucantha*  *S. polystachia* |
| - | - | - | - | - | *empacho* | *S. lavanduloides* |
| 17 | **Not specified** | - | - | - | - | - | - | *S. clinopodioides*  *S. helianthemifolia* |

**Supplementary Table 4**. Categories of magical-religious use of *Salvia* species from the Purépecha region.

|  |  |  |  |
| --- | --- | --- | --- |
| **Category** | **Subcategory** | **Species** | **Referencies** |
| **Religious festivals** | Floral rugs | *Salvia clinopodioides*  *Salvia hispanica*  *Salvia iodantha*  *Salvia lavanduloides*  *Salvia mexicana*  *Salvia purepecha*  *Salvia purpurea* | Bello-González et al. 2015; Cornejo-Tenorio and Ibarra-Manríquez 2019 |
| Altars for saints | *Salvia gesneriiflora*  *Salvia purpurea*  *Salvia mocinoi*  *Salvia thyrsiflora* | Bello-González et al. 2015  Esparza 1989; Hernández 2005 |
| Decoration of churches at weddings | *Salvia elegans* | Bello-González et al. 2015 |
| **Rituals** | Energetic cleansing | *Salvia elegans*  *Salvia fulgens*  *Salvia lavanduloides* | Bello-González et al. 2015; Biblioteca Digital de la Medicina Tradicional Mexicana, 2009 |

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**Supplementary Table 5.** Chemical compounds reported for species of *Salvia* subg. *Calosphace* with ethnobotanical uses by the Purépecha culture.

| Specie | Chemical compound | Compound name | Reported by Ortiz-Mendoza et al., 2022 | Reference |
| --- | --- | --- | --- | --- |
| *S. amarissima* | Diterpenoids | 15,16-epoxy-2β-O-tetraacetyl-β-D-glucopyranosylneocleroda-3,13(16),14-trien-18,19-olide | NA | Maldonado et al. 1996; Wu et al. 2012 |
| Diterpenoids | 15,16-epoxy-2β-O-β-D-glucopyranosylneocleroda-3,13(16),14-trien-18,19-olide | NA | Maldonado et al. 1996; Wu et al. 2012 |
| Flavones | 2-(3,4-dimethoxyphenyl)-5,6-dihydroxy-7-methoxy-4H-chromen-4-one | NA | Flores-Bocanegra et al. 2017 |
| Flavones | 5,6-dihydroxy-7,3′,4′-trimethoxy flavone | 5,6-dihydroxy-7,3′,4′-trimethoxy flavone | Calzada et al. 2020 |
| Flavones | 6,6″,3‴-trihydroxy-7,3′,7″-O-trimethylloniflavone | 6,6″,3‴-trihydroxy-7,3′,7″-O-trimethylloniflavone | Flores-Bocanegra et al. 2017 |
| Glucoside diterpenoids | Amarisolide A | Amarisolide A | Moreno-Pérez et al. 2019; Moreno-Pérez et al. 2021 |
| Acylated Diterpenoid Glucoside | Amarisolide F | Amarisolide F | Fragoso-Serrano et al. 2018 |
| Diterpenoids | Amarissinin A | Amarissinin A | Bautista et al. 2015 |
| Diterpenoids | Amarissinin B | Amarissinin B | Bautista et al. 2015 |
| Diterpenoids | Amarissinin C | Amarissinin C | Bautista et al. 2015 |
| NA | Apigenin-7-O-β-Dglucoside | NA | Flores-Bocanegra et al. 2017 |
| Diterpenoids | neocleroda-3,13(16),14-trien-15,16-epoxy-18,19-olide | NA | Maldonado et al. 1996; Wu et al. 2012 |
| NA | Pedalitin | Pedalitin | Flores-Bocanegra et al. 2017 |
| Diterpenoids | Teotihuacanin | Teotihuacanin | Bautista et al. 2015 |
| *S. clinopodioides* | Abietanes | 19-O-Acetylclinopodiolide A | 19-O-Acetylclinopodiolide A | Bustos-Brito et al. 2019 |
| Icetexane | Acetylclinopodiolide D | NA | Bustos-Brito et al. 2019 |
| Abietanes | Clinopodiolide A | Clinopodiolide A | Bustos-Brito et al. 2019 |
| Abietanes | Clinopodiolide B | Clinopodiolide B | Bustos-Brito et al. 2019 |
| Abietanes | Clinopodiolide C | Clinopodiolide C | Bustos-Brito et al. 2019 |
| Icetexane | Clinopodiolide D | NA | Bustos-Brito et al. 2019 |
| Abietanes | Diacetylclinopodiolide A | NA | Bustos-Brito et al. 2019 |
| Abietanes | Triacetylclinopodiolide B | Triacetylclinopodiolide B | Bustos-Brito et al. 2019 |
| *S. elegans* | Sesquiterpenoids | β-eudesmol (10.4%) | NA | Ali et al. 2015 |
| Flavones | 5-O-(6-rhamnosylglucoside)-7-hydroxy4'-methoxyflavanone | 5-O-(6-rhamnosylglucoside)-7-hydroxy4'-methoxyflavanone | González-Cortazar et al. 2013 |
| Sesquiterpenoids | Borneol | NA | Ali et al. 2015 |
| Sesquiterpenoids | Guaiol (4.8%) | NA | Ali et al. 2015 |
| Monoterpenes | Inalool | NA | Jenks and Kim 2013 |
| *S. elegans, S. gesneriiflora. S. leucantha* | Sesquiterpenoids | Bornyl acetate | NA | Ali et al. 2015; Calderón-Oropeza et al. 2021 |
| *S. elegans, S. gesneriiflora, S. lavanduloides, S. purpurea* | Terpenes | Ursolic acid | Ursolic acid | Cuevas-Morales et al. 2022; Gómez-Rivera et al. 2018 |
| *S. fulgens* | Diterpenoids | 19-acetoxy-15,16-epoxy-6-hydroxy-ent-cleroda-3,13(16),14trien-18-al | NA | Wu et al. 2012 |
| Diterpenoids | 19-O-acetoxy-15,16-epoxy-ent-cleroda-3,13(16),14-triene-6,18-diol | NA | Wu et al. 2012 |
| Diterpenoids | Salvifulgenolide | NA | Wu et al. 2012 |
| Diterpenoids | Salvigenolide | NA | Esquivel et al. 1985; Wu et al. 2012 |
| Diterpenoids | Sandaracopimaric acid | NA | Wu et al. 2012 |
| *S. fulgens, S. hispanica* | Diterpenoids | trans-1,2-dihydrosalvifaricin | NA | Narukawa et al. 2006 citado en Fan et al. 2019; Wu et al. 2012 |
| *S. gesneriiflora* | NA | Caffeic acid | NA | Gómez-Rivera et al. 2018 |
| NA | Hedycaryol | NA | Calderón-Oropeza et al. 2021 |
| NA | monocyclic geranyl-α-terpinene | NA | Calderón-Oropeza et al. 2021 |
| NA | Quercetin glucoside | NA | Gómez-Rivera et al. 2018 |
| NA | Valeranone | NA | Calderón-Oropeza et al. 2021 |
| *S. gesneriiflora, S. purpurea* | Phenolic acids | Chlorogenic acid | NA | Cuevas-Morales et al. 2022; Gómez-Rivera et al. 2018 |
| *S. gesneriiflora, S. reflexa* | NA | Rosmarinic acid | NA | Gómez-Rivera et al. 2018; Malenčić et al. 2000 |
| *S. hispanica* | Diterpenoids | 12-hydroxyhardwickic acid | NA | McChesney and Silveira 1989 citado en Fan et al. 2019 |
| Diterpenoids | 12-hydroxyhautriwaic lactone | 12-hydroxyhautriwaic lactone | Lima et al. 1996 citado en Fan et al. 2019 |
| Diterpenoids | 8-hydroxysalviarin | NA | Nieto et al. 1996 citado en Fan et al. 2019 |
| Diterpenoids | aglycone rhynchospermoside A | NA | Seto et al. 1987 citado en Fan et al. 2019 |
| Diterpenoids | Bacchotricuneatin A | Bacchotricuneatin A | Wagner et al. 1978 citado en Fan et al. 2019 |
| Sesquiterpenoids | Germacrene-B | NA | Kintzios 2000; Ting et al. 1997 |
| Sesquiterpenoids | Globulol | NA | Kintzios 2000; Ting et al. 1997 |
| neo-clerodane diterpenoids | Hispanin A | NA | Fan et al. 2019 |
| neo-clerodane diterpenoids | Hispanin B | NA | Fan et al. 2019 |
| neo-clerodane diterpenoids | Hispanin C | NA | Fan et al. 2019 |
| neo-clerodane diterpenoids | Hispanin D | Hispanin D | Fan et al. 2019 |
| neo-clerodane diterpenoids | Hispanin E | NA | Fan et al. 2019 |
| neo-clerodane diterpenoids | Hispanin F | Hispanin F | Fan et al. 2019 |
| neo-clerodane diterpenoids | Hispanin G | NA | Fan et al. 2019 |
| neo-clerodane diterpenoids | Hispanin H | NA | Fan et al. 2019 |
| neo-clerodane diterpenoids | Hispanin I | Hispanin I | Fan et al. 2019 |
| neo-clerodane diterpenoids | Hispanin J | NA | Fan et al. 2019 |
| Monoterpenes | Linalool | NA | Kintzios 2000; Ting et al. 1997 |
| neo-clerodane diterpenoids | Salvihispin A | Salvihispin A | Fan et al. 2018 |
| Glycoside | Salvihispin A-2-O-β-D-3-keto-glucopyranoside | Salvihispin A-2-O-β-D-3-keto-glucopyranoside | Fan et al. 2018 |
| Sesquiterpenoids | ßcaryophyllene | NA | Kintzios 2000; Ting et al. 1997 |
| Monoterpenes | ß-pinene | NA | Kintzios 2000; Ting et al. 1997 |
| Sesquiterpenoids | Widrol | NA | Kintzios 2000; Ting et al. 1997 |
| Sesquiterpenoids | α-humulene | NA | Kintzios 2000; Ting et al. 1997 |
| Sesquiterpenoids | γ-muurolene | NA | Kintzios 2000; Ting et al. 1997 |
| *S. lavanduloides* | Triterpenoids | 3-oxo-ursolic acid methyl ester | NA | Ortega et al. 1991; Topçu 2006 |
| Abiatane diterpenoids | alpha-acetoxyroyleanone | NA | Maldonado et al. 1994 |
| Diterpenoids | derivative of salvianduline B | NA | Wu et al. 2012 |
| Diterpenoids | Salvianduline A | NA | Wu et al. 2012 |
| Diterpenoids | Salvianduline B | NA | Ortega et al. 1991; Wu et al. 2012 |
| Diterpenoids | Salvianduline C | NA | Wu et al. 2012 |
| Diterpenoids | Salvianduline D | NA | Wu et al. 2012 |
| Flavonoids | flavone 6-hydroxyluteolin-6,7,3’’,4’-tetramethyl ether | NA | Rodríguez et al. 1974 |
| *S. lavanduloides, S. reptans* | Abiatane diterpenoids | Horminone | Horminone | Maldonado et al. 1994; Martínez-Vázquez et al. 1998 |
| *S. leucantha* | neo-clerodane derivatives | Salvileucanthsin A | NA | Jiang et al. 2016 |
| neo-clerodane derivatives | Salvileucanthsin B | NA | Jiang et al. 2016 |
| neo-clerodane derivatives | 20-Hydroxydugesin B | NA | Jiang et al. 2016 |
| neo-clerodane derivatives | 2-Epi-6,7-dihydrosalviandulin E | NA | Jiang et al. 2016 |
| neo-clerodane derivatives | 3-Epi-tilifodiolide | NA | Jiang et al. 2016 |
| neo-clerodane derivatives | 3β-Methoxyisopuberulin | 3β-Methoxyisopuberulin | Jiang et al. 2016 |
| neo-clerodane related diterpenoids | 6,7-dehydrodugesin B | NA | Jiang et al. 2016 |
| neo-clerodane derivatives | 6,7-Dihydrosalviandulin E | NA | Jiang et al. 2016 |
| Sesquiterpenoids | Aristolen | NA | Castrillón et al. 2019 |
| Sesquiterpenoids | Caryophyllene oxide (13.5%), | NA | Ali et al. 2015 |
| neo-clerodane derivatives | De-O-acetylsalvigenolide | NA | Jiang et al. 2016 |
| neo-clerodane related diterpenoids | Dugesin B | Dugesin B | Jiang et al. 2016 |
| neo-clerodane related diterpenoids | Isopuberulin | NA | Jiang et al. 2016 |
| neo-clerodane diterpenoids | Leucansalvialin F | NA | Jiang et al. 2016 |
| neo-clerodane diterpenoids | Leucansalvialin G | Leucansalvialin G | Jiang et al. 2016 |
| neo-clerodane diterpenoids | Leucansalvialin H | NA | Jiang et al. 2016 |
| neo-clerodane diterpenoids | Leucansalvialin I | NA | Jiang et al. 2016 |
| abeo-abietane diterpenoid | Leucansalvialin J | Leucansalvialin J | Li et al. 2018 |
| Diterpenoids | Salviandulin E | Salviandulin E | Aoyagi et al. 2014; Wu et al. 2012 |
| Diterpenoids | Salvifaricin | NA | Wu et al. 2012 |
| neo-clerodane related diterpenoids | Salvileucalin A | NA | Jiang et al. 2016 |
| Diterpenoids | Salvileucalin B | Salvileucalin B | Aoyagi et al. 2008; Wu et al. 2012 |
| neo-clerodane related diterpenoids | Salvileucantholide | Salvileucantholide | Esquivel et al. 1994 |
| neo-clerodane derivatives | Salvileucanthsin C | NA | Jiang et al. 2016 |
| neo-clerodane derivatives | Salvileucanthsin D | NA | Jiang et al. 2016 |
| Sesquiterpenoids | Spathulenol (7.0%) | NA | Ali et al. 2015 |
| Diterpenoids | Spiroleucantholide | NA | Wu et al. 2012 |
| Sesquiterpenoids | β-caryophyllene (6.5%), | NA | Ali et al. 2015 |
| *S. melissodora* | neo-clerodane diterpenoids | 13,14-dihydro-3,4- epoxy-melissodoric acid methyl ester acetate | 13,14-dihydro-3,4- epoxy-melissodoric acid methyl ester acetate | Simmonds et al. 1996 |
| Diterpenoids | 1-isopropyl-4b,8,8-trimethyl-9-oxo-4b,5,6,7,8,8a,9,10-octahydrophenanthrene-2,3,10-triyl triacetate | NA | Wu et al. 2012 |
| Diterpenoids | 2β,7α-dihydroxy-ent-cleroda-3,13-diene-18,19:16,15-diolide | NA | Wu et al. 2012 |
| neo-clerodane diterpenoids | 2β,7α-dihydroxy-*neo*-clerodan-3,13-dien-18,19: 16,15-diolide | NA | Simmonds et al. 1996 |
| neo-clerodane diterpenoids | 2β-acetoxy-7-keto-*neo*-cIerodan-3,13-dien-18,19:16,15-diolide | NA | Simmonds et al. 1996 |
| Diterpenoids | 2β-acetoxy-7α-hydroxy-ent-cleroda-3,13-diene-18,19:16,15-diolide | NA | Wu et al. 2012 |
| neo-clerodane diterpenoids | 2β-acetoxy-7α-hydroxy-*neo*-clerodan-3,13-dien-18,19:16,15-diolide | 2β-acetoxy-7α-hydroxy-*neo*-clerodan-3,13-dien-18,19:16,15-diolide | Simmonds et al. 1996 |
| neo-clerodane diterpenoids | 2β-acetoxy-*neo*-clerodan-3,13-dien-18,19: 16,15-diolide | NA | Simmonds et al. 1996 |
| Diterpenoids | 2β-hydroxy-7-oxo-ent-cleroda-3,13-diene-18,19:16,15-diolide | NA | Wu et al. 2012 |
| Diterpenoids | 7-oxo-ent-cleroda-3,13-dien-18,19:16,15-diolide | NA | Wu et al. 2012 |
| Diterpenoids | 7α-acetoxy-2β-hydroxy-ent-cleroda-3,13-diene-l8,19:16,15-diolide | NA | Wu et al. 2012 |
| neo-clerodane diterpenoids | 7α-acetoxy-2β-hydroxy-*neo*-clerodan-3,13-diene-18,19:16,15-diolide | NA | Simmonds et al. 1996 |
| Diterpenoids | 7α-acetoxy-ent-cleroda-3,13-diene-18,19:16,15-diolide | NA | Wu et al. 2012 |
| neo-clerodane diterpenoids | 7α-acetoxy-*neo*-clerodan-3,13-dien-18,19:16,l5-diolide | NA | Simmonds et al. 1996 |
| Diterpenoids | 7α-hydroxy-ent-cleroda-3,13-diene-18,19:16,15-diolide | NA | Wu et al. 2012 |
| Diterpenoids | 7α-hydroxyneoclerodane-3,13-diene-18,19:15,16-diolide (*S. microphylla, S. melissodora* and *S. thymoides*) | NA | Wu et al. 2012 |
| Diterpenoids | 7β-18,19-trihydroxy-ent-cleroda-3,13-dien-16,15-olide | NA | Wu et al. 2012 |
| Diterpenoids | 7β-hydroxy-ent-cleroda-3,13-diene-18,19:16,15-diolide | NA | Wu et al. 2012 |
| Diterpenoids | Brevifloralactone | NA | Wu et al. 2012 |
| Diterpenoids | Maytenoquinone | NA | Wu et al. 2012 |
| neo-clerodane diterpenoids | Melissodoric acid methyl ester acetate | NA | Simmonds et al. 1996 |
| Diterpenoids | Portulide C | NA | Wu et al. 2012 |
| neo-clerodane diterpenoids | tri-nor-derivative of 3,4-epoxy-melissodoric acid methyl ester acetate | NA | Simmonds et al. 1996 |
| *S. mexicana* | Triterpenoids | 3β-acetoxyoleanan-12β,28-lactone | NA | Collera et al. 1980; Topçu 2006 |
| *S. microphylla* | Diterpenoids | 12-methoxycarnosic acid | NA | Aydoğmuş et al. 2006; Topçu 2006 |
| Diterpenoids | 1α-hydroxy-neoclerodane-3,13-diene-18,19:15,16-diolide | NA | Esquivel et al. 1987 |
| Diterpenoids | 7,15-isopimaradien-14α,18-diol | NA | Esquivel et al. 1987 |
| Diterpenoids | 7-oxo-sandaracopimarate | NA | Wu et al. 2012 |
| Diterpenoids | 7-oxo-sandaracopimaric acid | NA | Wu et al. 2012 |
| Diterpenoids | 7α-acetoxyisopimara-8(14),15-diene-18-oic acid | NA | Wu et al. 2012 |
| Diterpenoids | 7α-hydroxysandaracopimaric acid | NA | Wu et al. 2012 |
| Sesquiterpenoids | 8α-hydroxy-β-eudesmol | NA | Aydoğmuş et al. 2006 |
| Diterpene | Carnosic acid 12-methylether | Carnosic acid 12-methylether | Aydoğmuş et al. 2006 |
| Polyphenols and Others | eicosaheptanoic acid 2-(p-hydroxyphenyl)ethyl ester | NA | Wu et al. 2012 |
| Triterpenoids | erythrodiol-3-acetate | NA | Aydoğmuş et al. 2006; Jenks and Kim 2013 |
| Polyphenols and Others | Hexacosylferulate | NA | Wu et al. 2012 |
| Triterpenoids | Lupeol | NA | Aydoğmuş et al. 2006; Jenks and Kim 2013 |
| Diterpenoids | methyl 7α-hydroxysandaracopimarate | NA | Wu et al. 2012 |
| Diterpene | Microphyllandiolide | Microphyllandiolide | Calzada et al. 2015 |
| Diterpene | Salvimicrophyllin B | Salvimicrophyllin B | Calzada et al. 2015 |
| Diterpene | Salvimicrophyllin D | Salvimicrophyllin D | Calzada et al. 2015 |
| Sesquiterpenoids | β-eudesmol | NA | Aydoğmuş et al. 2006 |
| *S. lavanduloides, S. microphylla, S. purpurea* | Triterpenoids | Oleanolic acid | NA | Aydoğmuş et al. 2006; Cuevas-Morales et al. 2022; Jenks and Kim 2013; Topçu 2006 |
| *S. polystachia* | NA | 15-epi-polystachyne G | 15-epi-polystachyne G | Bautista et al. 2017 |
| NA | 15-*epi*-salvifiline A | 15-*epi*-salvifiline A | Bautista et al. 2017 |
| Diterpenoids | Dehydrokerlin | NA | Wu et al. 2012 |
| Diterpenoids | Linearolactone (= linearifoline) | Linearolactone (= linearifoline) | Calzada et al. 2015; Wu et al. 2012 |
| Diterpenoids | Polystachyne A | NA | Wu et al. 2012 |
| Diterpenoids | Polystachyne B | NA | Wu et al. 2012 |
| Diterpenoids | Polystachyne C | NA | Wu et al. 2012 |
| Diterpenoids | Polystachyne D | NA | Wu et al. 2012 |
| Diterpenoids | Polystachyne E | Polystachyne E | Calzada et al. 2015; Wu et al. 2012 |
| Diterpenoids | Polystachyne F | NA | Wu et al. 2012 |
| NA | Polystachyne G | Polystachyne G | Bautista et al. 2017 |
| NA | Salvifiline A | Salvifiline A | Bautista et al. 2017 |
| *S. purepecha* |  | 7,8β-dihydrosalviacoccin | NA | Ortega et al. 2017 |
| *S. purpurea* | Phenolic acids | 3,5-dihidroxibenzoico acid | NA | Cuevas-Morales et al. 2022 |
| Flavonoids | Apigenin | NA | Cuevas-Morales et al. 2022 |
| Flavonoids | Canferol | NA | Cuevas-Morales et al. 2022 |
| Flavonoids | Catechin | NA | Cuevas-Morales et al. 2022 |
| Phenolic acids | Ferulic acid | NA | Cuevas-Morales et al. 2022 |
| Flavonoids | Naringenin | NA | Cuevas-Morales et al. 2022 |
| Flavonoids | Phloretin | NA | Cuevas-Morales et al. 2022 |
| Flavonoids | Phlorizin | NA | Cuevas-Morales et al. 2022 |
| Flavonoids | Quercetin | NA | Cuevas-Morales et al. 2022 |
| Flavonoids | Rutin | NA | Cuevas-Morales et al. 2022 |
| Phenolic acids | Sinapic acid | NA | Cuevas-Morales et al. 2022 |
| Terpenes | Stigmasterol | NA | Cuevas-Morales et al. 2022 |
| Terpenes | α-amirina | NA | Cuevas-Morales et al. 2022 |
| Terpenes | β-sitosterol | NA | Cuevas-Morales et al. 2022 |
| *S. reflexa* | Diterpenoids | 15,16-epoxy-8α-hydroxyneocleroda-2,13(16),14-triene-17,12R:18,19-diolide | NA | Wu et al. 2012 |
| Diterpenoids | 7,8-didehydrorhyacophiline | NA | Wu et al. 2012 |
| *S. reptans* | Diterpene quinones | 8α,9α-epoxy7-ketoroyleanone | 8α,9α-epoxy7-ketoroyleanone | Martínez-Vázquez et al. 1998 |
| Diterpenoids | 1α,2α-epoxy-3,4α-dihydrolinearolactone | NA | Esquivel et al. 1991; Wu et al. 2012 |
| NA | 8α,9α-epoxy7-ketoroyleanone | NA | Martínez-Vázquez et al. 1998 |
| Diterpenoids | Salvireptanolide | NA | Esquivel et al. 1991; Wu et al. 2012 |
| *S. tiliifolia* | Diterpenoids | Ferruginol | NA | Wu et al. 2012 |
| Diterpenoids | Salvifolin | NA | Wu et al. 2012 |
| Clerodane diterpenoid | Tilifodiolide | Tilifodiolide | González‐Chávez et al. 2018 |
| Diterpenoids | Tilifolidione | NA | Wu et al. 2012 |
| neo-clerodane diterpenoids | Tiliifolin A | NA | Fan et al. 2017 |
| neo-clerodane diterpenoids | Tiliifolin B | NA | Fan et al. 2017 |
| neo-clerodane diterpenoids | Tiliifolin C | NA | Fan et al. 2017 |
| neo-clerodane diterpenoids | Tiliifolin D | NA | Fan et al. 2017 |
| neo-clerodane diterpenoids | Tiliifolin E | Tiliifolin E | Fan et al. 2017 |

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