

 **Obione canescens** (Pursh) Moq.

➤ *Atriplex canescens* (Pursh) Nutt.

OCHROCARPOS Noranta ex Du
Petit-Thouars - Guttiferae

 **Ochrocarpus longifolius** (Wall.) Benth. et Hook.f.

Synonyms ▶ *Mammea longifolia* Wall.

Common Names ▶ *Hindi*: nag kesar, surgı, surıngı, sur-ampunna, surabunai

Usage ▶ spice (sporadically in India)

Parts Used ▶ flower, flower bud

Distribution ▶ West Indies

Chopra et al. 1956; Hanelt 2001; Mohan Rao et al. 2002; Uphof 1968

**OCIMUM L. - Basil -
Lamiaceae (Labiatae)**


Hiltunen/Holm 19

 **Ocimum africanum** Lour.

➤ *Ocimum americanum* L.

 **Ocimum album** L.

➤ *Ocimum basilicum* L.

 **Ocimum americanum** L.

Synonyms ▶ *Ocimum africanum* Lour., *Ocimum canum* Sims; *Ocimum pilosum* Willd., *Ocimum simile* N.E. Br.

Common Names ▶ American basil, hoary basil, sweet basil; *Chinese*: hui luo le; *German*: Amerikanischer Basilikum, Zitronen-Basilikum, Kampferbasilikum, Herero Buschtee; *Hindi*: ajak, kala tulsi; *Malaysian*: k emangi; *Portuguese*: manjeri ao-branco; *Sanskrit*: ajaka; *Spanish*: albahaca velluda; *Thai*: maeng lak

Usage ▶ pot-herb; **product**: camphor

Parts Used ▶ leaf


Distribution ▶ tropical Africa, China, India, Indochina, Malaysia; former Soviet Union, Kenya, Pakistan, native in Europe, Australia and the Neotropics

Note ▶ In the essential oil are predominantly citral, linalool and chavicol methylether.


Anjaneyalu/Gowda 1978; Arora/Pandey 1996; Ayensu 1978; Bois 1934; Bournot 1968; Darrah 1980; Dudtschenko et al. 1989; Ekundayo et al. 1989; Erhardt et al. 2002; Gupta 1994; Hanelt 2001; Herklots 1972; Hiller/Melzig 1999; v. Koenen 1996; Mikus et al. 1997; Ntezurubanza et al. 1985; Paton 1992; Plescher et al. 1997; Schultze-Motel 2003; Seidemann 1993c; Sharma 2003; Siemonsma/Piluek 1993; Sinha/Gulati 1990; Small 1997; T aufel et al. 1993; Teuscher 2003; Thappa et al. 1979; Upadhyay et al. 1991; Uphof 1968; Xaasan et al. 1980, 1981; Zeven de Wet 1982

 **Ocimum americanum** Jacq.

➤ *Ocimum basilicum* L.

 **Ocimum americanum sensu** Pushpangadan et Sobti non L.

➤ *Ocimum x citriodorum* Vis.

 **Ocimum basilicum** L. 

Synonyms ▶ *Basilicum citratum* Rumph., *Ocimum album* L., *Ocimum americanum* Jacq., *Ocimum menthaefolium* Hochst. ex Benth.

Common Names ▶ common basil, lemon basil, monk's basil, sweet basil, basil; *Arabic*: kamahim, habag, raihān, rehan; *Brazil (Portuguese)*: manjeriçāo, alfavaca; *Dutch*: basilicum; *Chinese*: lo-le, lou le, hstang tsa i tzu tsaio; *French*: basilic, basilic commun, grand basile, herbe royale; *German*: Basilienkraut, Basilikum, Braunsilge, Deutsches Pfefferkraut, Königskraut, Herrenkraut, Suppenbasil; *Hindi*: bavri, bavai; *India*: babui tulsi, sada tulas; *Italian*: basilico; *Japanese*: mebōki; *Malaysian*: kemangi, pokok, ruku, selasseh uteh; *Portuguese*: manjeriçāo; *Russian*: basilik, duschki, duschistje wasil'ki, *Sanskrit*: barbari, munjariki, surasa, tungi, varvara; *Spanish*: alebega, albahaca; *Thai*: bai horapa; *Vietnamese*: rau (hung) que

Usage ▶ spice; **product**: essential oil

Parts Used ▶ leaf,

Distribution ▶ tropical Africa, tropical America, former Soviet Union; widely cultivated, possible origin in Africa (Madagascar) or NW India

Note ▶ This species is morphologically and chemically very heterogeneous.

Aichele/Schwegler 4, 1995; Akgül 1989; Ayensu 1978; Bärtels 1997; Berger 2, 1940; 4, 1954; Bois 1934; Bournot 1968; Bremness 2001; Brophy/Jogia 1986; di Cesare et al. 2002; Cheers 1997; Clair 1961; Coiciu/Racz (no year); Czygan 1997; Darrah 1980; Dudtschenko et al. 1989; Erhardt et al. 2000, 2002; Farrell 1985; Fatope/Takeda 1988; Fleisher 1981; Grayer et al. 1996; Guzman/Siemonsma 1999; Hager 5, 1993; Hall 1981; Hay/Waterman 1993; Heeger 1956; Herklotz 1972; Hiller/Melzig 1999; Hoffmann et al. 1992; Hondelmann 2002; Hoppe 1949; Jain/Jain 1973; Jansen 1981; Javanmardi et al. 2002; Jayasinghe et al. 2003; Kumar 2003; Lachowicz et al. 1996; Lawrence et al. 1972; Loughrin/Kasperbauer 2001, 2003; Mahesh-




 **Ocimum basilicum, flowering**

wari/Singh 1989; Marzell 1970; Metzger 1984; Ozcan/Chalchat 2002; Özek et al. 1995; Pääkkönen 1990; Peter 1978, 2001; Pino et al. 1994a; Plescher et al. 1998; Pochljobkin 1974, 1977; Pruthi 1976; Pschyrembel 1998; Pudalosi 1996; Randkawa/Gill 1995; Randriamiharisoa 1986; Rosengarten 1969; Roth/Kormann 1997; Sánchez et al. 1985; Schönfelder 2001; Schröder 1991; Schultze-Motel 1986; Seidemann 1993; Seidemann/Siebert 1987; Sharma 2003; Shen et al. 1991; Shiva et al. 2002; Siewek 1990; Small 1997; Staesche 1972; Stuart et al. 1994; Suchorska-Tropilo/Osinska 2001; Tada et al. 1996; Täufel et al. 1993; Teufel 2003; Teuscher 2003; Tucker 1986; Ubillos 1989; Uphof 1968; Vasconcelos et al. 2003; Villamar et al. 1994; Wyk et al. 2004; Zeven/de Wet 1982; Zole/Garnero 1973

 **Ocimum basilicum** L. var. *anisatum* Benth.

➤ *Ocimum x citriodorum* Vis.

 **Ocimum basilicum** L. x **Ocimum americanum** L.

➤ *Ocimum x citriodorum* Vis.

 **Ocimum basilicum L. ssp. basilicum**

Synonyms ▶ *Ocimum bullatum* Lam., *Ocimum caryophyllatum* Roxb., *Ocimum citriodorum* Blanco, *Ocimum integerrimum* Willd., *Ocimum lanceolatum* Schum. et Thonn., *Ocimum medium* Mill., *Ocimum thyrsoflorum* L.

Common Names ▶ basil; *Arabic*: rehan; *Chinese*: luò de; *German*: Griechischer Buschthymian; *Hindi*: babui tulsi; *Italian*: basilico; *Malaysian*: sèlasi; *Portuguese*: alfaraca; *Russian*: bazilik; *Spanish*: albahaca

Usage ▶ spice; **product**: essential oil, are used in the spice and perfumery industry

Parts Used ▶ leaf

Distribution ▶ cultivated in subtropical regions

Darrah 1980; Hanelt 2001; Plescher et al. 1997;

 **Ocimum basilicum L. ssp. minimum (L.) Danert**

Synonyms ▶ *Ocimum minimum* L.

Common Names ▶ bush basil, Greek basil, little basil; *German*: Kleiner or Busch-Basilikum

Usage ▶ spice

Parts Used ▶ leaf (sporadically)

Distribution ▶ Asia: India, commonly cultivated

Bournot 1968; Bremness 2001; Hanelt 2001; Ozcan/Chalchat 2002; Plescher et al. 1997; Shaiva et al. 2002; Vasconcelos et al. 2003

 **Ocimum basilicum L. var. purpurescens Benth.**

Common Names ▶ *German*: Rot(blättriger) Basilikum

Usage ▶ spice

Parts Used ▶ leaf (sporadically)

Distribution ▶ also cultivated

Bournot 1968; Bremness 2001; Darrah 1980; Hanelt 2001; Suchorska/Osinska 1992; Vasconcelos et al. 2003;

 **Ocimum bullatum Lam.**

▶ *Ocimum basicilum*. L. ssp. *basilicum*

 **Ocimum campechianum Mill.**

▶ *Ocimum micranthemum* Willd.

 **Ocimum canum Sims**

▶ *Ocimum americanum* L.

 **Ocimum caryophyllatum Roxb.**

▶ *Ocimum basilicum* L. ssp. *basilicum*

 **Ocimum citriodorum Blanco**

▶ *Ocimum basilicum* L. ssp. *basilicum*

 **Ocimum x citriodorum Vis.**

Synonyms ▶ *Ocimum americanum sensu* Pushpangadan et Sobti non L., *Ocimum basilicum* L. x *Ocimum americanum* L., *Ocimum basilicum* var. *anisatum* Benth., *Ozimum citratum* Rumph., *Ocimum dichotomum* Hochst. ex Benth.

Common Names ▶ lemon basil; *German*: Zitronenbasilikum

Usage ▶ spice, pot-herb


Parts Used ▶ leaf

Distribution ▶ NE tropical Africa, Arabia, tropical Asia China, W Asia, India, widely cultivated elsewhere in Africa and Asia

Bremness 2001; Darrah 1980; Hanelt 2001; Mikus et al. 1997; Paton 1992; Verma et al. 1989

 **Ocimum crispum Thunb.**

▶ *Perilla frutescens* (L.) Britton

 **Ocimum dichotomum Hochst ex Benth.**

▶ *Ocimum x citriodotum* Vis.

 **Ocimum febrifugum Lindl**

➤ *Ocimum gratissimum L.*

 **Ocimum forskolei Benth.**

Synonyms ▶ *Ocimum menthiifolium* Hochst ex Benth.

Common Names ▶ *German*: Minzblättriger Basilikum;
Russian: basilik m'jatolistnis

Usage ▶ spice, flavoring

Parts Used ▶ leaf

Distribution ▶ Arabia, Egypt, Yemen, Sudan, Somalia, Ethiopia, N, E Kenya

Dudtschenko et al. 1989; Hiltunen/Holm 1999

 **Ocimum frutescens L.**

➤ *Perilla frutescens (L.) Britton*

 **Ocimum gratissimum L.**

Synonyms ▶ *Ocimum febrifugum* Lindl., *Ocimum guineense* Schum. et Thonn., *Ocimum viride* Willd.

Common Names ▶ fever plant, clove or Russian basil, shrubby basil, tea bush; *Brazil (Portuguese)*: al-favacão; *Chinese*: wu mao ding x luo le; *French*: menthe gabonaise, basilic de Ceylan; *German*: Afrikanischer Basilikum, Duft- or Nelken-Basilikum, Ostindischer Basilikum; *Hindi*: ram tulsi, vriadhatulasi; *Malaysian*: ruku-ruku hitam, sèlasi bèsar; *Spanish*: albahaca de clavo; *Thai*: kaphrao-chang, horapha-chang, yira; *Vietnamese*: huong nhu trang

Usage ▶ spice; **product**: essential oil

Parts Used ▶ leaf

Distribution ▶ Africa, India, Indochina, Malaysia, native in the Neotropics

Note ▶ Eugenol, thymol or citral are predominant by type.

Abani 1988; Aedo et al. 2001; Ayensu 1978; Berger 2, 1950; Bois 1934; Bournot 1968; Charles/Simon 1992b; Darrah 1980; Droh/Hefendehl 1974; Dudtschenko et al. 1989; Gurib-Fakim/Brendler 2004; Herklots 1972; Jiroretz et al. 1998; Khasla 1995; Kumar 2001;

Mikus/Schaser 1995; Mikus et al. 1997; Ntezurubanza 1987; Oyen/Dung 1999; Paton 1992; Plescher et al. 1997; Saroratto/Augusto 2003; Schultze-Motel 1986; Seidemann 1993c; Sharma 2003; Small 1997; Sofowora 1970; Täufel et al. 1993; Teuscher 2003; Tucker 1986; Turova et al. 1987; Uphof 1968; WHO 1990; Wiersema/León 1999; Zeven/de Wet 1982

 **Ocimum graveolens A. Br.**

Common Names ▶ *German*: Duft-Basilikum

Usage ▶ condiment

Parts Used ▶ herb

Distribution ▶ Ethiopia

Uphof 1968

 **Ocimum guineense Schum. et Thonn.**

➤ *Ocimum gratissimum L.*

 **Ocimum integerrimum Willd.**

➤ *Ocimum basilicum L. ssp. basilicum*

 **Ocimum kilimandscharicum Guerke**

Common Names ▶ Kilimandscharo basil, camphor basil; *German*: Kilimandscharo-Basilikum, Kampfer-Basilikum; *Hindi*: kapur tulsi; *Russian*: basiliki kilimandshars'ki

Usage ▶ spice (locally); **product**: camphor

Parts Used ▶ leaf

Distribution ▶ tropical E Africa: Kenya, Uganda, Tanzania; introduced elsewhere in the Tropics

Note ▶ Cultivated during World War II for the preparation of camphor. The plant has an austere aroma of camphor and is a substitute for *Cinnamomum camphora* (L.) J. Presl.

Bekele/Hassanali 2001; Charles/Simon 1992b; Darrah 1980; Mansfeld 1986; Paton 1992; Plescher et al. 1997; Schultze-Motel 1986; Sharma 2003; Shiva et al 2002; Small 1997; Teuscher 2003; Tucker 1986; Uphof 1968; Wealth of India 7, 1991; Zeven/de Wet 1982



Usage ▶ spice (locally)

Parts Used ▶ leaf

Distribution ▶ S Florida, the Bahamas, West-India, from Mexico to Peru, Chile and Brazil

Note ▶ The plant is strongly aromatic.

Charles et al. 1990; Darrah 1980; Ferreira et al. 1992; Mors et al. 2000; Morton 1981; Small 1997; Teuscher 2003; Uphof 1968; Vil-lamar et al. 1994

 **Ocimum minimum L.**

▶ *Ocimum basilicum ssp. minimum (L.) Danert*

 **Ocimum pilosum Willd.**

▶ *Ocimum americanum L.*

 **Ocimum sanctum L.**

▶ *Ocimum tenuiflorum L.*

 **Ocimum simile N.E. Br.**

▶ *Ocimum americanum L.*

 **Ocimum stamineum Sims**

▶ *Ocimum canum Sims*

 **Ocimum suave Willd.**

Common Names ▶ African basil, sweet scented basil;
German: Afrikanischer Basilikum;

Usage ▶ spice

Parts Used ▶ leaf, herb

Distribution ▶ tropical Africa: Guinea, N Nigeria, S Sudan, Ethiopia, Kenya, Tanzania, Mozambique, Uganda; Sri Lanka

Darrah 1980; Mikus et al 1997; Mikus et al. 1997; Paton 1992; Ple-scher et al. 1997; Schultze-Motel 1986; Tétényi et al. 1986; Teuscher 2003

 **Ocimum lanceolatum Schum. et Thonn.**

▶ *Ocimum basilicum L. ssp. basilicum*

 **Ocimum medium Mill.**

▶ *Ocimum basilicum L. ssp. basilicum*

 **Ocimum menthiifolium Hochst. ex Benth.**

▶ *Ocimum forskolei Benth.*

 **Ocimum micranthemum Willd.**

Synonyms ▶ *Ocimum campechianum* Mill.

Common Names ▶ Peru basil; *German:* Peruanischer Basilikum; *Mexico:* albahaca, albahaca de monte, kakaltum, albaca silvestre, salvaca; *Portuguese:* alfavaca, alfavaca-do-campo, mangericao-grande

 **Ocimum tenuiflorum L.**

Synonyms ▶ *Ocimum sanctum* L.

Common Names ▶ holy basil, sacred basil, Thai basil, mosquito plant of South Africa; *Cambodian*: mrèah prèu; *Chinese*: sheng luo le; *French*: basilic des moines, basilic sacré; *German*: Duftender Basilikum, Indischer Basilikum, Kleiner Basilikum, Heiliger Basilikum, Grüner Tulsi, Tulasi-Basilikum, Tulsiplanze; *Hindi*.: tulsi; *India*: kala tulasi; *Indonesian*: kemangi utan, lampes, ruku-ruku; *Korean*: kanuniphyangkkulphul; *Malaysian*: oku, ruku ruku, selash hitans, ulasi; *Pilipino*: balonoi, cologoco, loko loko, solasi; *Russian*: basilik swajaschenujy; *Sanskrit*: parnasa, suvasa tulasi, tulashi; *Spanish*: albahaca cimarrona, albahaca morada criolla; *Thai*: bai ga-prow, im-khim-lam, kaphrao, kom kodong; *Vietnamese*: e do, e tia, kuong nhu tai


Usage ▶ spice; **product**: essential oil

Parts Used ▶ leaf, herb

Distribution ▶ tropical Asia: India, Malaysia, native elsewhere in Tropics and widely cultivated

Note ▶ Eugenol, chavibetol or chavicol methyl ether are predominant types. Frequently cultivated in courtyards and around temples in India for about 3000 years.

Berger 4, 1954; Bois 1934; Brophy/Jogia 1984; Brophy et al. 1993; Cheers 1997; Chogo/Crank 1981; Darrah 1980; Dudtschenko et al. 1989; Erhardt et al. 2002; Gurib-Fakim/Brendler 2004; Guzman/Siemonsma 1999; Herklots 1972; Hiltunen/Holm 1999; Kelm et al. 2000; Kottegoda 1994; Lal et al. 1978; Lawrence et al. 1972; Naranda Singh/Sharma 1980; Plescher et al. 1997; Seidemann 1993c; Sharma 2003; Skaltsa-Diamantidis et al. 1990; Small 1997; Täufel et al. 1993; Teuscher 2003; Tucker 1986; Turova et al. 1987; Uphof 1968; Verma et al. 1989; WHO 1990; Wiersema/León 1999; Zeven/de Wet 1982

 **Ocimum thrysiflorum L.**

▶ *Ocimum basilicum* L. ssp. *basilicum*

 **Ocimum viride Will.**

▶ *Ocimum gratissimum* L.

**OCOTEA Aubl. -
Lauraceae**
 **Ocotea cujumary Mart.**


Common Names ▶ *Brazil (Portuguese)*: cujumaru, cujumaru, cuimari, louro-cujumari

Usage ▶ flavoring (locally)

Parts Used ▶ bark, fruit

Distribution ▶ Amazonia

Mors et al. 2000

 **Ocotea cinnamomoides (Mutis ex Kunth)
Kosterm.**

▶ *Ocotea cymbarum* H.B.K.

 **Ocotea cymbarum H.B.K.**

Synonyms ▶ *Laurus cinnamomoides* Mutis ex H.B.K., *Nectandra cinnamoides* Nees, *Nectandra cymbarum* (H.B.K.) Nees, *Ocotea cinnamomoides* (Mutis ex Kunth) Kosterm.

Common Names ▶ canela; *Portuguese (Brazil)*: louro inamuty, louro mamory, koto; *Spanish*: canela do mato

Usage ▶ spice

Parts Used ▶ bark of young shoots, flower cup

Distribution ▶ tropical S America: Brazil, Ecuador

Note ▶ In Ecuador the inflorescence is also used as a spice.

Bois 1934; Bourton 1968; Gottlieb/Gottlieb 1980; Mors et al. 2000; Naranjo et al. 1981; Rättsch 1998; Schultze-Motel 1986; Seidemann 1993c; Teuscher 2003; Uphof 1968; Zeven/Zhukovsky 1975

 **Ocotea puchury-major Mart.**

Synonyms ▶ *Acroclidium puchury-major* (Nees et Mart. ex Nees) Mez., *Licaria puchury-major* (Mart.) Kosterm., *Nectandra puchury-major* Nees et Mart.

Common Names ▶ *Brazil*: louro-puxuri, pichuri, pichurim, puchuri; *German*: Große Macisbohne, Pichurinuss, Pichurimbohne, Sassafrasnuss

Usage ▶ spice

Parts Used ▶ seed

Distribution ▶ S America: Amazonia, Brazil also cultivated

Note ▶ Spike is like the mace from nutmeg.

Hanelt 2001; Hiller/Melzig 1999; Mors et al. 2000; Rättsch 1998; Schultze-Motel 1986; Seidemann 1993c; Täufel et al. 1993; Teuscher 2003; Usher 1968; Wiersema/León 1999



Ocotea quixos (Lam.) Kosterm.

Synonyms ▶ *Laurus quixos* Lam., *Licaria quixos* (Lam.) Kosterm.

Common Names ▶ American cinnamon, ocotea, *German*: Amerikanischer Zimt; *Peru*: ispungu

Usage ▶ spice (for sweets)

Parts Used ▶ flores, fruit-cup

Distribution ▶ S America: Brazil, also cultivated for the cinnamon-like fragrance

Note ▶ The flowers and leaves have a cinnamon taste.

Hanelt 2001; Naranjo 1981; Naranjo et al. 1981; Rättsch 1998; Schultze-Motel 1986; Seidemann 1993c; Teuscher 2003



Ocotea pretiosa (Nees) Mez

Common Names ▶ false sassafras; *Brazil (Portuguese)*: canela-sassafrás; *German*: Brasilianischer Sassafras

Usage ▶ spice, flavoring; **product**: essential oil

Parts Used ▶ bark, leaf

Distribution ▶ S America: Brazil

Hickey 1948; Kumar 2001; Mors et al. 1959, 2000

OENANTHE L. - Water Dropwort - Apiaceae (Umbelliferae)



Oenanthe javanica (Bl.) DC.

Synonyms ▶ *Oenanthe japonica* Miq., *Oenanthera linearis* DC., *Oenanthera stolonifera* Wall., *Sium javanicum* L., *Sium laciniatum* Bl.

Common Names ▶ Javan water dropwort, water celery,

water parsley, water dropwort, oriental celery; *Arabic*: oshb el-maa almodala; *Chinese*: chin tsai, chu kuen, ku chin, shui ching; *Dutch*: torkruid; *French*: persil séri; *German*: Javanischer or Vietnamesischer Wasserfenchel, Wassersellerie; *Hindi*: saya; *Italian*: finocchio-acquatico; *Japanese*: seri, shijriba; *Javanese*: pampung; *Korean*: minari; *Malaysian*: pamponng, selom, selom piopo; *Portuguese*: funcho aquático, funcho oriental, cicuta; *Russian*: omaznik javanskij; *Spanish*: cicuta, enante, felandrio, hinojo de agua; *Thai*: phakchilom; *Vietnamese*: can nuoc

Usage ▶ spice, condiment in India, flavoring soups, chicken or fish dishes

Parts Used ▶ herb, young shoots

Distribution ▶ S, SE and E Asia from Pakistan to Japan, from Far E Russia to Australia: Queensland also cultivated

Note ▶ Culinary herb also in N America (Canada: Ontario).

Arora/Pandey 1996; Cheers 1997; Davidson 1999; Erhardt et al. 2002; Kuebal/Tucker 1988; Kumar 2003; Larkcom 1991; Lück 2004; Ogle et al. 2003; Schultze-Motel 1986; Small 1997; Tucker 1986; Uphof 1968; Wiersema/León 1999; Zeven/de Wet 1982



Oenanthe stolonifera Wall.

▶ *Oenanthe javanica* (Bl.) DC.



Oenanthera linearis DC

▶ *Oenanthe javanica* (Bl.) DC.

OLAX L. - Olacaceae



Olox scandens Roxb.

Usage ▶ spice

Parts Used ▶ leaf

Distribution ▶ SE Asia

Terra 1966

 **Olax viridis** Oliv.

Usage ▶ spice

Parts Used ▶ seed

Distribution ▶ W Africa: Gabun; S Africa

Burkill 4, 1997; Jansen 1981; Mabberley 1997; Neuwinger 1999

 **Olax zeylanica** L.

Usage ▶ condiment (locally)

Parts Used ▶ leaf, fruit


Distribution ▶ W Himalayas, India, Sri Lanka

Note ▶ Leaves and fruits have a smell and a slight taste of garlic.

Mabberley 1997

 **Olea fragrans** Thunb.

▶ *Osmanthus fragrans* (Thunb.) Lour.

 **Orellana americana** Kuntze

▶ *Bixa orellana* L.

ORIGANUM L. - Majoram, Oregano - Lamiaceae (Labiatae)

Calpouzou 1954; Fleisher/Sneer 1982; Kintzios 2002; Wilkins/Madsen 1991;

 **Origanum album** Salisb.

▶ *Origanum onites* L.

 **Origanum anglicum** Hill

▶ *Origanum vulgare* L. ssp. *vulgare*

 **Origanum x appli** (Domin) Boros

▶ *Origanum x majoricum* Cambess.

 **Origanum bucharicum** Bornm.

▶ *Origanum vulgare* L. ssp. *gracile* (Loch) Ietswart

 **Origanum compactum** Benth.

▶ *Origanum vulgare* L. ssp. *vulgare*

 **Origanum creticum** L.

▶ *Origanum vulgare* L. ssp. *vulgare*

 **Origanum dictamnus** L.

Synonyms ▶ *Dictamnus creticus* J. Hill, *Majorana dictamnus* (L.) Kostel., *Majorana tomen-tosa* (Moench) Stokes, *Origanum saxatile* Salisb.

Common Names ▶ dittander, Crete dittany, dittany of Crete; *French*: dictame de Crete; *German*: Diptam-dost(en), Kretischer Dost, Pfefferkraut; *Italian*: dittamo cretico

Usage ▶ spice, pot-herb; **product** for distilleries

Parts Used ▶ leaf

Distribution ▶ Greece: Crete; England, Italy, cultivated in USA, Crete, England

Berger 4, 1954; Bois 1934; Bosabalidis 1987, 1990a; Bosabalidis/Tsekos 1982; Charalambous 1994; Cheers 1997; Clebsch 1997; Davidson 1999; Erhardt et al. 2002; Hager 5, 1993; Hanelt 2001; Harvala et al. 198a; Heeger 1956; Hiller/Melzig 1999; Hoppe 1949; Ietswaart 1980; Møller et al. 1999; Schönfelder 2001; Schultze-Motel 1986; Seidemann 1993c; Small 1997; Täufel et al. 1993; Teuscher 2003

 **Origanum floridum** Salisb.

▶ *Origanum vulgare* L. ssp. *viride* (Boiss.) Hayek

 **Origanum glandulosum** Desf.

➤ *Origanum vulgare* L. ssp. *vulgare*

 **Origanum gracile** Koch

➤ *Origanum vulgare* ssp. *gracile* (Koch) Letswaart

 **Origanum heracleoticum** L.

➤ *Origanum vulgare* L. ssp. *hirtum* (Link) Letsw. and

➤ *Origanum vulgare* L. ssp. *viride* (Boiss.) Hayek.

 **Origanum humile** Mill.

➤ *Origanum vulgare* L. ssp. *viride* (Boiss.) Hayek

 **Origanum indicum** Roth

➤ *Pogostemon heyneanus* Benth.

 **Origanum macrostachyum** Hoffmanns & Link

➤ *Origanum vulgare* L. ssp. *virens* (Hoffmanns. et Link) Letswaart

 **Origanum majorana** L. 

Synonyms ▶ *Majorana hortensis* Moench.

Common Names ▶ marjoram; sweet majoram, knotted majoram; *Arabic*: bardagoush, barsagusha, mardqouche, mizunjuske; *Dutch*: marjolein; *French*: marjolaine, origane; *German*: Gartendost, Majoran, Meiran, Wurstkraut; *Hindi*: marua, murwa, sathra; *Italian*: maggiorana, persia; *Portuguese*: mangerona; *Russian*: majoran, majoran sadowyj, duschiza sadowaja, kolbasnaja trawa, borstirochi; *Sanskrit*: kharapatra, marubaka; *Spanish*: mejorana; *Turkish*: makiron

Usage ▶ spice, pot-herb; **product**: essential oil (flavoring of foods, liqueurs, perfume)

Parts Used ▶ herb, leaf



 **Origanum majorana, flowering**

Distribution ▶ N Africa, Cyprus, Anatolia, Egypt; Arabia, SW Asia, India, native in Tunisia, Spain, Corsica, Italy, France, Germany, Balkan Peninsula; also cultivated

Abou-Zied 1973; Bärtels 1997; Başer et al. 1993d; Berger 4, 1954; Bertelli et al. 2003; Bois 1934; Bremness 2001; Cheers 1997; Cir-cella et al. 1995; Clair 1961; Coiciu/Racz (no year); Davidson 1999; Deans/Svoboda 1990; Dubial 1988; Dudtschenko et al. 1989; Farrell 1985; Fischer et al. 1985, 1987; Graner 1968; Guzman/Siemonsma 1999; Hager 5, 1993; Hanelt 2001; Heeger 1956; Heine 1993; Hepper 1992; Hiller/Melzig 1999; Hoffmann et al. 1992; Hoppe 1949; letswaart 1980; Karawya/Hifnawy 1976; Kawabata et al. 2003; Komaitis et al. 1992; Lagouri et al. 1993; Lossner 1967, 1968; Melchior/Kastner 1974; Novak et al. 2002; Nykänen 1986; Oberdick 1983, 1989, 1990; Omer et al. 1994; Peter 2001; Pochljobkin 1974, 1977; Pschyrembel 1998; Raghavan et al. 1997; Re-faat et al. 1992/93; Roth/Kormann 1997; Ruberto et al. 1993; Şarer et al. 1982; Schönfelder 2001; Schröder 1991; Schultze-Motel 1986; Seidemann 1993c; Seidemann/Siebert 1987; Siewek 1990; Singh et al. 1996; Small 1997; Staesche 1972; Täufel et al. 1993; Teuscher 2003; Tucker 1986; Ubillos 1989; Vagi et al. 2002; Villamar et al. 1994; Zeven/de Wet 1982



 **Origanum x majorana** *Cambess.*

[*Origanum majorana* x *Origanum vulgare* ssp. *vulgare* or *Origanum majorana* x *vulgare* ssp. *virens*]

Synonyms ▶ *Majorana hortensis* Moench, *Majorana majorica* (Cambess.) Briq., *Origanum x appli* (Domin) Boros, *Origanum paniculatum* Koch

Common Names ▶ Italian oregano, hardy marjoram; *German*: Italienischer Majoran

Usage ▶ pot-herb

Parts Used ▶ leaf, herb

Distribution ▶ SW Europe: Spain, Portugal, Balearic Islands, also cultivated in gardens of W, S and C Europe, USA, S America: Argentina, Brazil, Uruguay

Bremness 2001; Erhardt et al. 2002; Hanelt 2001; Lawrence 1984; Ietswaart 1980; Sartoratto/Augusto 2003; Seidemann 1993c; Small 1997; Täufel et al. 1993; Tucker 1986; Wilkins/Madsen 1991; Ydava/Saini 1991

 **Origanum maru** *L.*

▶ *Origanum syriacum* *L.*

 **Origanum microphyllum** (*Benth.*) *Boiss.*


Common Names ▶ microphylla oregano, small-leaved oregano; *French*: origan à petites feuilles; *German*: Schmalblättriger Oregano

Usage ▶ spice

Parts Used ▶ leaf, herb

Distribution ▶ native to Crete, cultivated in gardens in N America

Ietswaart 1980; Small 1997

 **Origanum normale** *D. Don*

▶ *Origanum vulgare* *L.* ssp. *viride* (*Bois.*) *Hayek*

 **Origanum onites** *L.*

Synonyms ▶ *Majorana cretica* Mill., *Majorana onites* (*L.*) Benth., *Origanum album* Salisb.

Common Names ▶ pot marjoram, Spanish hop; Turkish oregano, Cretan oregano; *French*: origan de chypre; *German*: Griechischer or Kretischer Dost, Ragani, Spanischer Hopfen, Französischer or Wilder Majoran; *Italian*: origanu siciliano

Usage ▶ spice; **product**: essential oil (with a high carvacrol content)

Parts Used ▶ leaf, herb

Distribution ▶ S Europe: E Sicily, S Greece; W, S Anatolia, local cultivated in many Mediterranean countries.

Akgül/Bayrak 1987; Berger 4, 1954; Bois 1934; Bournot 1968; Bremness 2001; Cheers 1997; Davidson 1999; Erhardt et al. 2002; Griebel 1938; Hager 5, 1993; Hanelt 2001; Hiller/Melzig 1999; Ietswaart 1980; Kivanç/Akgül 1989; Melchior/Kastner 1974; Pizzale et al. 2002; Schultze-Motel 1986; Seidemann 1993c; Seidemann/Siebert 1987; Small 1997; Staesche 1972; Täufel et al. 1993; Teuscher 2003; Tucker 1986; Uphof 1968; Vokou et al. 1988

 **Origanum orientale** *Mill.*

▶ *Origanum vulgare* *L.* ssp. *vulgare*

 **Origanum paniculatum** *Koch*

▶ *Origanum x majorana* *Cambess.*

 **Origanum saxatile** *Salisb.*

▶ *Origanum dictamnus* *L.*

 **Origanum smirnaeum** *Sibth. et Sm.*

▶ *Origanum vulgare* *L.* ssp. *glandulosum* (*Desf.*) Ietswaart

 **Origanum syriacum** *L.*

Synonyms ▶ *Amaracus syriacus* (*L.*) Stokes, *Majorana crassa* Moench, *Origanum maru* *L.*

Common Names ▶ Syrian oregano, white oregano; *Arabic*: za'atar; *French*: origan d'Egypte; *German*: Biblischer Oregano, Brauner Dost, Syrischer Dost, Arabischer Majoran, Syrischer Majoran, Echter Staudenmajoran; *Vietnamese*: rau kingh gioi;

Usage ▶ spice

Parts Used ▶ leaf, herb; **product**: essential oil (two chemotypes: carvacrol and thymol type)

Distribution ▶ E Mediterranean Region: S Anatolia, Cyprus, Syria, Lebanon, Israel, Jordan, Egypt, Sinai Peninsula

Note ▶ The plant is the biblical oregano.

Akgül/Bayrak 1987; Bärtels 1997; Baser et al. 2003; Berger 4, 1954; Bois 1934; Bourton 1968; Dudai et al. 1988; Fleisher/Fleisher 1988; Hager 5, 1993; Hanelt 2001; Hepper 1992; Hiller/Melzig 1999; Ietswaart 1980; Kamel et al. 2001; Ophof 1968; Small 1997; Täufel et al. 1993; Teuscher 2003; Tucker 1986; Tümen/Başer 1993

 **Origanum tyttantum** Gontsch

▶ *Origanum vulgare* L. ssp. *gracile* (Loch) Ietswaart

 **Origanum virens** Hoffmanns et Link

▶ *Origanum vulgare* L. ssp. *virens* (Hoffmanns. et Link) Ietswaart

 **Origanum viridulum** Martrin-Donos

▶ *Origanum vulgare* L. ssp. *viride* (Boiss.) Hayek

 **Origanum vulgare** L.

Synonyms ▶ *Thymus origanum* E.H.L. Krause

Common Names ▶ oregano, wild marjoram, pot marjoram, winter marjoram, winter sweet, pizza herb; *Arabic*: mardakosh; *Chinese*: niu zhi, tu xiang ru; *Dutch*: wilde marjolein; *French*: marjolaine sauvage, origan commun, origan vulgaire; *German*: Gewöhnlicher Dost, Wilder Majoran, Falscher Staudenmajoran, Orangenkraut, Oregano; Wintermajoran; *Hindi*: sathra; *Italian*: origano comune, maggiovana selvatica, regamo; *Japanese*: oregano; *Portuguese*: orégãno; *Russian*: lutschiza, lutshitza abyknowennaja, materinka, ladanka,

mazerdyschka, bloschiza, dushitsa, senowka, kara gynch; *Spanish*: orégano, oregano comun; *Turkish*: kekig orégano común, mercanköşk

Usage ▶ spice, pot-herb; **product**: essential oil

Parts Used ▶ herb

Distribution ▶ Europe, Turkey, Cyprus, Iraq, Iran, W and E Siberia, C Asia, Afghanistan, Pakistan; Himalayas, Mongolia, NW Africa, native in N America, China

Aichele/Schwegler 4, 1995; Arora/Pandey 1996; Bärtels 1997; Bendi et al. 2002; Bois 1934; Bremness 2001; Cervato et al. 2000; Cheers 1997; Clair 1961; Coiciu/Racz (no year); Davidson 1999; Dudtschenko et al. 1989; Erhardt et al. 2002; Guzman/Siemonsma 1999; Hager 5, 1993; Hanelt 2001; Heeger 1956; Hiller/Melzig 1999; Hondelmann 2002; Hoppe 1949; Kikuzaki/Nakatani 1989; Melchior/Kastner 1974; Miloš et al. 2000; Ondarza/Sanchez 1990; Pochljobkin 1974, 1977; Pruthi 1976; Pschyrembel 1998; Puertas-Mejia et al. 2002; Rodrigues et al. 2003; Rosengarten 1969; Roth/Kormann 1986; Salmeron et al. 1990; Schönfelder 2001; Seidemann 1993c; Seidemann/Siebert 1987; Sharma 2003; Siewek 1990; Small 1997; Staesche 1972; Teuscher 2003; Tucker 1986; Turova et al. 1987; Ubillos 1989; Uhl 2000; Vekiari et al. 1993a, b; Villamar et al. 1994; Werker et al. 1985; Wyk et al. 2004; Zeven/de Wet 1982

 **Origanum vulgare** L. ssp. *glandulosum* (Desf.) Ietswaart

Synonyms ▶ *Origanum glandulosum* Desf.; *Origanum smirnaeum* Sibth. et Sm.

Common Names ▶ *German*: Drüsiger Dost

Usage ▶ spice

Parts Used ▶ herb

Distribution ▶ N Africa: N Algeria, Tunisia

Hanelt 2001; Ietswaart 1980; Tucker 1986

 **Origanum vulgare** L. ssp. *gracile* (Koch) Letsw.

Synonyms ▶ *Origanum bucharicum* Bornm., *Origanum gracile* Koch, *Origanum tyttantum* Gontsch

Common Names ▶ Russian oregano, Turkestan oregano; *German*: Kirgisischer Oregano, Schlanker Dost

Usage ▶ spice

Parts Used ▶ herb

Distribution ▶ E Anatolia, N Iraq, Iran, Pakistan, Afghanistan, C Asia: Pamiroalai, W Tien Shan



Berger 4, 1954; Hanelt 2001; Ietswaart 1980; Schultze-Motel 1986; Tucker 1986



Origanum vulgare L. subsp. hirtum (Link)

Letsw.

Synonyms ▶ *Origanum heracleoticum* L., *Origanum smyrnaeum* Sibth. et Sm.

Common Names ▶ Greek or Italian oregano; *German*: Falscher Staudenmajoran; Griechischer Dost, Italienischer Dost, Pizza Oregano

Usage ▶ spice, pot-herb; **product**: essential oil

Parts Used ▶ herb

Distribution ▶ Europe: Italy, Sicily, Greece, Turkey

Akgül/Bayrak 1987; Baser et al. 1994a; Berger 4, 1954; Bremness 2001; Davidson 1999; Erhardt et al. 2002; Hanelt 2001; Hiller/Melzig 1999; Ietswaart 1980; Melchior/Kastner 1974; Milos et al. 2000; Schönfelder 2001; Schultze-Motel 1986; Täufel et al. 1993; Teuscher 2003; Tucker 1986; Veres et al. 2003



Origanum vulgare L. ssp. virens (Hoffmanns

& Link) Letsw.

Synonyms ▶ *Origanum virens* Hoffmanns & Link, *Origanum macrostachyum* Hoffmanns et Link

Common Names ▶ wild majoran; *German*: Wilder Majoran

Usage ▶ spice

Parts Used ▶ herb

Distribution ▶ W Mediterranean: Azores, Canary Islands, Madeira, Iberian Peninsula, N Africa, Balearic Islands, also cultivated in Argentina (gardens)

Berger 4, 1954; Bournot 1968; Hanelt 2001; Hohmann 1968; Hiller/Melzig 1999; Ietswaart 1980; Tucker 1986



Origanum vulgare L. ssp. viride (Boiss.)

Hayek

Synonyms ▶ *Origanum heracleoticum* L., *Origanum humile* Mill., *Origanum normale* G. Don, *Origanum viridulum* Martrin-Donos

Common Names ▶ wild marjoram; *German*: Falscher Staudenmajoran

Usage ▶ spice, condiment

Parts Used ▶ herb

Distribution ▶ S Europe (Italy) to E Asia: E China, also cultivated and in USA

Berger 4, 1954; Bois 1934; Erhardt et al. 2002; Hanelt 2001; Ietswaart 1980; Melchior/Kastner 1974; Schönfelder 2001; Tucker 1986



Origanum vulgare L. ssp. vulgare

Synonyms ▶ *Origanum angelicum* Hill., *Origanum compactum* Benth., *Origanum creticum* L., *Origanum floridum* Salisb., *Origanum latifolium* Mill., *Origanum orientale* Mill.

Common Names ▶ Oregano, wild marjoram; *French*: marjolaine, origan; *German*: Kretischer Dost, Oregano

Usage ▶ spice

Parts Used ▶ herb

Distribution ▶ N regions of the world: N Europe, N America

Berger 4, 1954; Bois 1934; Erhardt et al. 2002; Hanelt 2001; Hiller/Melzig 1999; Hoppe 1949; Ietswaart 1980; Maarse/van Ost 1973a, b, 1974; Melchior/Kastner 1974; Mockute et al. 20001; Schultze-Motel 1986; Uphof 1968; Veres et al. 2003

OSMANTHUS Lour. - Devil Wood, Sweet Olive - Oleaceae



Osmanthus asiaticus Nakai

▶ *Osmanthus fragrans (Thunb.) Lour.*



Osmanthus fragrans (Thunb.) Lour.

Synonyms ▶ *Olea fragrans* Thunb., *Osmanthus asiaticus* Nakai

Common Names ▶ fragrant olive, sweet olive, tea olive; sweet osmanthus flower; *Chinese*: gui hua, yen kwei, mu hsi, *German*: Osmanthusblüten, Süße Duftblüte; *Japanese*: usugi mokusei, gin mokusei, kiu mokusei; *Vietnamese*: cay moc

Usage ▶ flavoring of tea and cake

Parts Used ▶ flower

Distribution ▶ Japan, SW China; E Himalayas

Bois 1934; Clebsch 1997; Duke/Ayensu 1985; Erhardt et al. 2002; Fleischmann et al. 2002; Hanelt 2001; Schultze-Motel 1986; Seidemann 1993c; Uphof 1968; Wealth of India 7, 1966; Wiersema/León 1999; Zeven/de Wet 1982

OSMORHIZA Michx. - Apiaceae (Umbelliferae)

Osmorhiza claytonii (Michx.) C.B. Clarke

Common Names ▶ sweet jarvil
Usage ▶ condiment
Parts Used ▶ root, unripe seed
Distribution ▶ C, E Canada, USA
Note ▶ The plant has an anise-like aroma.

Small 1997

Osmorhiza longistylis (Torr.) DC.

Usage ▶ condiment
Parts Used ▶ leaf
Distribution ▶ W, N America
Note ▶ The plant has an anise-like aroma.

Mabberly 1997; Rättsch 1998

Osmorhiza occidentalis (Nutt.) Torr.

▶ *Myrrhis occidentalis* Benth. et Hook.f.

OSYRIS L. - Santalaceae

Osyris tenuifolia Engl.

Common Names ▶ African sandalwood; *German*: Afrikanisches Sandelholz
Usage ▶ flavoring
Parts Used ▶ wood
Distribution ▶ Africa, especially E Africa and Madagascar
Note ▶ Substitute for ▶ *Santalum album* L.

Hiller/Melzig 1999; Mabberly 1997; Uphof 1968

OTOSTEGIA Benth. - Lamiaceae (Labiatae)

Otostegia fruticosa Forssk.

Common Names ▶ *German*: Strauch-Otostegie
Usage ▶ spice, flavoring
Parts Used ▶ leaf
Distribution ▶ Egypt; neotropical Africa to C Asia
Note ▶ The essential oil is a substitute for thyme oil.

Aboutabl et al. 1995; Mabberly 1997

OTTELIA Pers. - Hydrocharitaceae

Ottelia alismoides (L.) Pers.

Synonyms ▶ *Ottelia condorensis* Gagn., *Ottelia japonica* Miq., *Ottelia javanaica* Miq.
Common Names ▶ water-plantain ottelia; *Dutch*: duikerbloom; *German*: Espada, Froschlöffelähnliche Ottelie; *Japanese*: mizu-ôba-ko; *Malaysian*: keladi ayer; *Pilipino*: espada; *Spanish*: tangila; *Thai*: santawah pak
Usage ▶ spice, for rice and vegetables
Parts Used ▶ leaf
Distribution ▶ Egypt, India, Sri Lanka, Thailand, China, Japan, N Australia

Cook et al. 1984; Erhardt et al. 2002; Hanelt 2001; Seidemann 1993c; Täufel et al. 1993; Wiersema/León 1999

Ottelia condorensis Gagn.

▶ *Ottelia alismoides* (L.) Pers.

Ottelia japonica Miq.

▶ *Ottelia alismoides* (L.) Pers.

 **Ottelia javanica** Miq.

➤ *Ottelia alismoides* (L.) Pers.

OXALIS L. - Sorrel - Oxalidaceae

 **Oxalis acetosella** L.


Common Names ▶ common wood sorrel, wood sorrel, shamrock, alleluia; *French*: oseille de bûcheron, oxalide petite oseille, oxadille blanche, pain de coucou, surette; *German*: Waldsauerklee; *India*: khate meethi (Kashmir); *Italian*: acetosella, alleluja; *Russian*: kisliza obyknowennaja; *Spanish*: acederilla, oxadile blanca, trébol aceto

Usage ▶ spice

Parts Used ▶ leaf

Distribution ▶ Europe, Turkey, W and E Siberia, Himalayas, China, Japan, Alaska, Canada, NE, N, C, E and SE USA.

Aichele/Schwegler 3, 1995; Bendel 2002; Davidson 1999; Dhar/Dhar 2000; Dudtschenko et al. 1989; Erhardt et al. 2002; Erichsen-Brown 1989; Fleischhauer 2003; Hiller/Melzig 1999; Koschtschejew 1990; Schönfelder 2001; Schultze-Motel 1986; Schulz 1960; Seidemann 1993c; Sharma 2003; Stowart 1978; Täufel et al. 1993; Tucker 1986; Uphof 1968; Wiersema/León 1999

 **Oxalis barrelieri** L.

Synonyms ▶ *Oxalis sepium* A.St. Hil.

Common Names ▶ *Indonesian*: belimbing tanah

Usage ▶ pot-herb

Parts Used ▶ leaf;

Distribution ▶ native in tropical S America; S E Asia but it is only occasionally cultivated in Indonesia: Sumatra, Java, Malaysia, Papua and New Guinea

Note ▶ It was first observed in Java in 1888.

Guzman/Siemonsma 1999

 **Oxalis caprina** L.

Common Names ▶ goat's food, wood sorrel

Usage ▶ spice (of rice)

Parts Used ▶ herb

Distribution ▶ Madagascar, Zanzibar, Cape of Good Hope

Neuwinger 1999

 **Oxalis corniculata** L.

Synonyms ▶ *Oxalis javanica* Bl., *Oxalis lupulina* Kunth., *Oxalis repens* Thunb.

Common Names ▶ creeping wood sorrel, creeping oxalos, yellow sorrel; *Arabic*: hamd; *Brazil (Portuguese)*: azedinha, pé-de-pombo, très-coraços, trevo; *Chinese*: cu jiang, cao, tsa chiang, hsiao suan tsai; *German*: Hornfrüchtiger Sauerklee, Hornsauerklee; *India*: ambuti, amrul, carngeri, puliyarai, puliyaral; *Italian*: carpigna; *Vietnamese*: me dat, me chua, aut

Usage ▶ spice

Parts Used ▶ leaf

Distribution ▶ Europe, Turkey, Levante, Caucasus region, Iran, C Asia, Himalayas, China, Japan, Amur, Sachalin, N Africa, cosmopolitical

Aichele/Schwegler 3, 1995; Dudtschenko et al. 1989; Erhardt et al. 2002; Erichsen-Brown 1989; Fleischhauer 2003; Hanelt 2001; Kumar 2003; Mors et al. 2000; Ogle et al. 2003; Schnelle 1999; Schultze-Motel 1986; Täufel et al. 1993; Tucker 1986; Villamar et al. 1994; Wiersema/León 1999

 **Oxalis corymbosa** DC.

Synonyms ▶ *Oxalis debilis* H.B.K., *Oxalis martiana* Zucc.

Common Names ▶ pink wood sorrel; *Brazil (Portuguese)*: caruru-de-sapo; *German*: Doldentraubiger Sauerklee; *Indonesian*: kembang gelas; *Japanese*: muraseaki-katrabami, yafata; *Sumatra*: asam puja; *Vietnamese*: chua me (aas) hoa (or)

Usage ▶ pot-herb

Parts Used ▶ leaf

Distribution ▶ native to tropical S America; in SE Asia but it is only occasionally found in Indonesia: Java, W Sumatra; Malaysia and the Philippines

Note ▶ It was introduced into Java from Sydney before 1848.

Guzman/Siemonsma 1999; Hanelt 2001; Kumar 2003; Mors et al. 2000; Schultze-Motel 1986

 **Oxalis debilis** H.B.K.

➤ *Oxalis corymbosa* DC.

 **Oxalis intermedia** A. Rich.

➤ *Oxalis latifolia* Kunth.

 **Oxalis javanica** Bl.

➤ *Oxalis corniculata* L.

 **Oxalis latifolia** H.B.K.

Synonyms ▶ *Oxalis intermedia* A. Rich., *Oxalis mauritiana* Lodd.

Common Names ▶ purple garden oxalis, fish-tail oxalis; *German*: Breitblättriger Sauerklee; *Indonesian*: calingcing; *S Africa*: rooisuring, rooituisuring, su-ring, tuinsuring

Usage ▶ pot-herb

Parts Used ▶ leaf

Distribution ▶ C and trop S America, SE Asia it appears in Indonesia: Java

Aichele/Schwegler 3, 1995; Erhardt et al. 2002; Guzman/Siemonsma 1999; Hanelt 2001; Kottogoda 1994; Schultze-Motel 1986; Villamar et al. 1994; Wiersema/León 1999

 **Oxalis livida** Jacq.

Common Names ▶ bluish sorrel; *German*: Bläulicher Sauerklee;

Usage ▶ spice (of rice)

Parts Used ▶ herb

Distribution ▶ Madagascar, Zanzibar

Neuwinger 1999

 **Oxalis lupulina** Kunth

➤ *Oxalis corniculata* L.

 **Oxalis martiana** Zucc.

➤ *Oxalis corymbosa* DC.

 **Oxalis mauritiana** Lodd.

➤ *Oxalis corymbosa* DC.

 **Oxalis repens** Thunb.

➤ *Oxalis corniculata* L.

 **Oxalis sepium** A.St. Hil.

➤ *Oxalis barrelieri* L.

 **Oxalis stricta** L.

Common Names ▶ yellow sheep sorrel; *German*: Aufrechter Sauerklee

Usage ▶ pot-herb (rarely)

Parts Used ▶ fresh leaf

Distribution ▶ E Canada, USA, native in Europe and E Asia

Erhardt et al. 2002; Fleischhauer 2003

 **Oxalis viridis** Oliv.

Common Names ▶ green sorrel; *German*: Grüner Sauerklee

Usage ▶ spice

Parts Used ▶ seed

Distribution ▶ Gabun

Dudtschenko et al. 1989

 **Ozimum citratum** *Rumph.*

▶ *Ocimum x citriodorum* Vis.