

CRASSULACEAE

AEONIUM Webb & Berthel.

Aeonium arboreum (L.) Webb & Berthel.

Sempervivum arboreum L.

[*Aeonium castello-paviae* auct. non Bolle: B.M.J.Hussey et al., *Western Weeds*, 140 (1997)]

WA (naturalised), SA (naturalised), Vic (naturalised), Tas (naturalised)

Aeonium haworthii Webb & Berthel.

[*Aeonium castello-paviae* auct. non Bolle: H.R.Toelken in J.P.Jessop & H.R.Toelken (eds), *Fl. South Australia*, 4th edn, 1: 420 (1986)]

WA (naturalised), SA (naturalised), Vic (naturalised)

BRYOPHYLLUM Salisb.

Bryophyllum beauverdii (Raym.-Hamet) A.Berger

Kalanchoe beauverdii Raym.-Hamet

Qld (doubtfully naturalised)

Bryophyllum daigremontianum (Raym.-Hamet & H.Perrier) A.Berger

Kalanchoe daigremontiana Raym.-Hamet & H.Perrier

Qld (naturalised), NSW (naturalised)

Bryophyllum delagoense (Eckl. & Zeyh.) Schinz

Kalanchoe delagoensis Eckl. & Zeyh.

Kalanchoe tubiflora Raym.-Hamet

Bryophyllum tubiflorum Harv., *nom. illeg.*

Bryophyllum delagoense de Lange, R.O.Gardner, Sykes, Crowcroft, E.K.Cameron, Stalker, M.L.Christian & Braggin, *orth. var.* [NZ J. Bot. 43: 579]

WA (naturalised), SA (naturalised), Qld (naturalised), NSW (naturalised), NI (naturalised), Vic (naturalised)

Bryophyllum fedtschenkoi Lauz.-March.

Kalanchoe fedtschenkoi Raym.-Hamet & H.Perrier

SA (naturalised), Qld (naturalised), NSW (naturalised)

Bryophyllum ×houghtonii (D.B.Ward) P.I.Forst.

Kalanchoe ×houghtonii D.B.Ward

A hybrid between *Bryophyllum daigremontianum* (Raym.-Hamet & H.Perrier) A.Berger and *B. delagoense* (Eckl. & Zeyh.) Schinz.

NT (naturalised), Qld (naturalised), NSW (naturalised), Vic (naturalised)

Bryophyllum miniatum (Hils. & Bojer ex Tul.) A.Berger

Qld (doubtfully naturalised)

Bryophyllum pinnatum (Lam.) Oken

Cotyledon pinnata Lam.

Kalanchoe pinnata (Lam.) Pers.

Calanchoe pinnata Pers., *orth. var.*

Bryophyllum pinnatum (Lam.) Kurz, *nom. illeg.*, *nom. superfl.*

Bryophyllum pinnatum (Lam.) Asch. & Schweinf., *nom. illeg.*, *nom. superfl.*

Bryophyllum calycinum Salisb.

CoI (naturalised), Qld (naturalised), NSW (naturalised), LHI (naturalised), NI (naturalised)

Bryophyllum proliferum Bowie ex Hook.

Kalanchoe prolifera (Bowie ex Hook.) Raym.-Hamet

Qld (naturalised), NSW (naturalised)

COTYLEDON L.

Cotyledon orbiculata L.

Cotyledon orbiculata L. var. *orbiculata*

Cotyledon oblonga Haw.

Cotyledon orbiculata var. *oblonga* (Haw.) DC.

Cotyledon orbiculata var. *orbiculata* is recognised as a distinct taxon in SA and Vic, and *C. orbiculata* var. *oblonga* is recognised as a distinct taxon in SA.

WA (naturalised), SA (naturalised), NSW (naturalised), Vic (naturalised), Tas (naturalised)

CRASSULA L.

Bulliarda DC.

Dasystemon DC.

Tillaea L.

Tillaea L. subgen. *Tillaea*

Tillaea subgen. *Bulliarda* (DC.) Meisn.

Helophytum Eckl. & Zeyh.

Crassula alata (Viv.) A.Berger

Tillaea alata Viv.

Crassula tripartita N.A.Wakef.

Crassula tillaea Lest.-Garl.

WA (naturalised), SA (naturalised), ACT (naturalised), Vic (naturalised)

Crassula alata (Viv.) A.Berger var. **alata**

WA (naturalised), SA (naturalised), ACT (naturalised), Vic (naturalised)

Crassula biplanata Haw.

Vic (naturalised)

Crassula ciliata L.

SA (naturalised)

Crassula closiana (Gay) Reiche

Tillaea cloisiana Gay

Tillaea macrantha var. *pedicellosa* F.Muell.

Tillaea pedicellosa (F.Muell.) F.Muell.

Crassula pedicellosa (F.Muell.) Ostenf.

WA, SA, Vic, Tas

Crassula colligata Toelken

WA, SA, NSW, Vic

Subspecific rank not recognised in NSW.

Crassula colligata Toelken subsp. **colligata**

Crassula sieberiana subsp. *tetramera* Toelken, *p.p.*

SA, Vic

Crassula colligata subsp. **lamprosperma** Toelken

Crassula sieberiana subsp. *tetramera* Toelken, *p.p.*

WA, SA, Vic

Crassula colorata (Nees) Ostenf.

Tillaea verticillaris DC., *p.p.*

Subspecific rank not recognised in NSW.

WA, NT, SA, Qld, NSW, ACT, Vic

Crassula colorata (Nees) Ostenf. var. **colorata**

Tillaea colorata Nees

Tillaea intricata Nees

Tillaea adscendens Nees

Crassula intricata (Nees) Ostenf.

WA, SA, Vic

Crassula colorata var. **acuminata** (Reader) Toelken

Tillaea acuminata Reader

Tillaea sieberiana var. *acuminata* (Reader) Ewart & Jean White

Crassula sieberiana var. *acuminata* (Reader) Domin

Crassula sieberiana var. *acuminata* Domin, *orth. var.*

Crassula colorata var. *tuberculata* Toelken, *nom. illeg.*

[*Crassula colorata* auct. non (Nees) Ostenf.: N.T.Burbidge & M.Gray, *Fl. ACT*, 190 (1970); N.C.W.Beadle, *Stud. Fl. NE New S. Wales* 2: 157 (1972)]

WA, NT, SA, Qld, ACT, Vic

Crassula colorata var. **miriamiae** (Ostenf.) Toelken

Crassula miriamiae Ostenf.

Crassula miriamae Ostenf., *orth. var.*

WA

Crassula decumbens Thunb.

WA, SA, NSW, ACT, Vic, Tas

Varietal rank not recognised in NSW.

Crassula decumbens Thunb. var. **decumbens**

Tillaea macrantha Hook.f.

Tillaea macrantha Hook.f. var. *macrantha*

Tillaea macrantha var. *sepalosa* F.Muell.

Tillaea micrantha Tate, *orth. var.* [*Fl. S. Australia*, 85 (1890)]

Crassula macrantha (Hook.f.) Diels & Pritzel

Crassula macrantha (Hook.f.) Diels & Pritzel var. *macrantha*

Crassula decumbens subsp. *macrantha* Toelken ex Paczkowska & A.R.Chapm., *nom. inval.*, *nom. nud.* [*W. Austral. Fl.* 220 (2000)]

Crassula macrantha var. *nuda* Ostenf.

WA, SA, ACT, Vic, Tas

Crassula ericoides Haw. subsp. **ericoides**

NSW (naturalised), Vic (naturalised)

Crassula exserta (Reader) Ostenf.

Tillaea exserta Reader

Crassula sieberiana var. *exserta* (Reader) Domin

Crassula sieberiana var. *exserta* Domin, *orth. var.*

WA, SA, Vic, Tas

Crassula extrorsa Toelken

Crassula sieberiana subsp. *tetramera* Toelken, *p.p.*

[*Crassula exserta* auct. non (Reader) Ostenf.: H.R.Toelken, *J. Adelaide Bot. Gard.* 78 (1981), *p.p.*]

WA, SA

Crassula glomerata P.J.Bergius

WA (naturalised), SA (naturalised)

Crassula helmsii (Kirk) Cockayne

Tillaea helmsii Kirk

Bulliarda recurva Hook.f.

Crassula recurva (Hook.f.) Ostenf., *nom. illeg.*

Tillaea recurva (Hook.f.) Hook.f.

SA, NSW, ACT, Vic, Tas

Crassula moschata G.Forst.

Bulliarda moschata (G.Forst.) d'Urv.

Tillaea moschata (G.Forst.) DC.

Tas, MI

Crassula multicava Lem.

Subspecific identity of plants naturalised in WA is uncertain.

WA (naturalised), SA (naturalised), Qld (doubtfully naturalised), NSW (naturalised), NI (naturalised), Vic (naturalised)

Crassula multicava Lem. subsp. **multicava**

SA (naturalised), Qld (doubtfully naturalised), NSW (naturalised), NI (naturalised), Vic (naturalised)

Crassula muscosa L.

Vic (naturalised)

Crassula muscosa L. var. **muscosa**

Vic (naturalised)

Crassula natans Thunb.

WA (naturalised), SA (naturalised), Vic (naturalised), Tas (naturalised)

Crassula natans var. **minus** (Eckl. & Zeyh.) G.D.Rowley*Helophytum natans* var. *minus* Eckl. & Zeyh.*Crassula natans* var. *filiformis* (Eckl. & Zeyh.) Toelken

WA (naturalised), SA (naturalised), Vic (naturalised), Tas (naturalised)

Crassula ovata (Mill.) Druce*Cotyledon ovata* Mill.*Crassula portulacea* Lam.

SA (sparingly naturalised), Qld (doubtfully naturalised), Vic (sparingly naturalised)

Crassula peduncularis (Sm.) F.Meigen*Tillaea peduncularis* Sm.*Tillaea purpurata* Hook.f.*Crassula purpurata* (Hook.f.) Domin*Crassula bonariensis* Cambess.[*Crassula pedicellosa* auct. non (F.Muell.) Ostenf.: N.C.W.Beadle, *Stud. Fl. NE New S. Wales* 2: 157, fig. 69C (1972)]

WA, SA, Qld, NSW, ACT, Vic, Tas

Crassula rubricaulis Eckl. & Zeyh.

Vic (sparingly naturalised)

Crassula sarmentosa Harv.

Varietal rank not recognised in Queensland.

SA (sparingly naturalised), Qld (doubtfully naturalised), NSW (naturalised), Vic (sparingly naturalised)

Crassula sarmentosa Harv. var. **sarmentosa**

SA (sparingly naturalised), NSW (naturalised), Vic (sparingly naturalised)

Crassula sieberiana (Schult. & Schult.f.) Druce*Tillaea sieberiana* Schult. & Schult.f.*Tillaea sieberiana* Schult. & Schult.f. var. *sieberiana**Bulliarda sieberi* Spreng.*Bulliarda sieberii* Spreng., orth. var.*Crassula sieberiana* (Schult. & Schult.f.) Druce subsp. *sieberiana**Crassula sieberiana* (Schult. & Schult.f.) Druce var. *sieberiana**Crassula sieberiana* Druce, orth. var.*Tillaea verticillaris* DC., p.p.[*Crassula helmsii* auct. non (Kirk) Cockayne: N.C.W.Beadle, *Stud. Fl. NE New S. Wales* 2: fig. 69B (1972)]

SA, Qld, NSW, LHI, ACT, Vic, Tas

Crassula spathulata Thunb.

SA (naturalised), NSW (doubtfully naturalised), Vic (naturalised)

Crassula sp. Rubinea (I.R.Telford 8676) Australian National Herbarium*Crassula sieberiana* subsp. *rubinea* ToelkenThis taxon is included in *Crassula sieberiana* by NSW botanists.

NSW

Crassula tetragona L.

WA (naturalised), SA (naturalised), NSW (naturalised), Vic (naturalised)

Crassula tetragona subsp. **robusta** (Toelken) Toelken*Crassula robusta* Toelken

WA (naturalised), SA (naturalised), NSW (naturalised), Vic (naturalised)

Crassula tetramera (Toelken) A.Druce & Sykes
Crassula sieberiana subsp. *tetramera* Toelken
Crassula sieberana subsp. *tetramera* Toelken, *orth. var.*
 WA, NT, SA, Qld, NSW, Vic, Tas

Crassula thunbergiana Schult.
 WA (naturalised)

Crassula thunbergiana Schult. subsp. **thunbergiana**
 WA (naturalised)

GRAPTOPETALUM Rose

Graptopetalum paraguayense (N.E.Br.) E. Walther
Cotyledon paraguayense N.E.Br.
 Qld (doubtfully naturalised)

Graptopetalum paraguayense (N.E.Br.) E. Walther subsp. **paraguayense**
 Qld (doubtfully naturalised)

KALANCHOE Adans.

Kalanchoe lateritia Engl.
 Qld (doubtfully naturalised)

Kalanchoe lateritia Engl. var. **lateritia**
 Qld (doubtfully naturalised)

Kalanchoe sexangularis N.E.Br.
 [*Kalanchoe longiflora* auct. non Schltr. ex J.M.Wood: J.Everett & E.H.Norris in G.J.Harden, *Fl. New S. Wales* 1: 527 (1990)]
 NSW (naturalised)

Kalanchoe spathulata DC.
 [*Kalanchoe crenata* auct. non (Andrews) Haw.: J.W.Green, *Census Vasc. Pl. W. Australia* 2nd edn 82, 246 (1985)]
 WA

Kalanchoe spathulata DC. var. **spathulata**
 WA

SEDUM L.

Sedum acre L.
 NSW (naturalised), ACT (doubtfully naturalised), Vic (naturalised), Tas (naturalised)

Sedum album L.
 NSW (naturalised), Vic (naturalised)

Sedum caespitosum (Cav.) DC.
Crassula caespitosa Cav.
 Vic (naturalised)

Sedum forsterianum Sm.
 Tas (naturalised)

Sedum potosinum Rose
 Qld (doubtfully naturalised)

Sedum praealtum A.DC.
 Qld (doubtfully naturalised), SA (naturalised), NSW (naturalised), ACT (formerly naturalised), Vic (naturalised)

Sedum praealtum A.DC. subsp. **praealtum**

Sedum dendroideum subsp. *praealtum* (A.DC.) R.T.Clausen

[*Sedum dendroideum* auct. non A.DC.: S.W.L.Jacobs & J.Pickard, *Pl. New S. Wales*, 108 (1981)]

Subspecific rank not recognised in SA.

Qld (doubtfully naturalised), NSW (naturalised), ACT (formerly naturalised), Vic (naturalised)

Sedum xrubrotinctum R.T.Clausen

A hybrid taxon, probably involving *Sedum pachyphyllum* Rose and *S. stahlii* Solms.

Vic (sparingly naturalised)

Sedum rupestre L.

[*Sedum reflexum* auct. non L.: A.M.Buchanan, *Census Vascular Pl. Tas.* 22 (2007)]

SA (naturalised), NSW (naturalised), ACT (doubtfully naturalised), Vic (naturalised), Tas (naturalised)

Sedum sediforme (Jacq.) Pau

Sempervivum sediforme Jacq.

Sedum altissimum Poir.

Sedum nicaeense All.

SA (naturalised), Vic (naturalised)

Sedum sexangulare L.

Tas (naturalised)

UNPLACED, DOUTBFUL AND EXCLUDED NAMES

Dasystemon calycinum DC.

Crassula calycina Desf., *nom. inval.*, *nom. nud.*

Crassula calicina Desf., *orth. var.*

Erroneously recorded for Australia by A.P.de Candolle, *Prodr.* 3: 382 (1828). A southern African endemic now treated as *Crassula pruinosa* L.

Tillaea muscosa L.

Erroneously recorded for Australia by J.E.Smith, *Rees' Cycl.* 35 (1817). A Mediterranean species now treated as *Crassula tillaea* Lest.-Garl.