

Sedum Society Newsletter
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Species List

Abbreviations

cf. - *confer* (compare with ...)
f. or fma - form/ *forma*
sect. - section/*sectio*
sp. - species
sp. aff. - species with affinity to ..., or close to ...
ssp or subsp. - subspecies
syn. - synonym
var. - variety

***Abromeitiella brevifolia* 98: 75**
Illustration 98:75 (Fig 4)

Adenium socotranum
Illustration 99: 5 (Fig 1)

***Adromischus alstonii* 120: 31**

***Aeonium arboreum* 111: 4, 119: 2**
Illustration 98: 76 (Fig 6)
Illustration (variegation) 116: 55 (Figs 35 & 36),
Illustration 119: cover

A. balsamiferum
Illustration 98: 75 (Fig 5)

A. castello-paivae
Illustration 98: 76 (Fig 7)

A. davidbramwellii
Illustration (habitat) 81: 69 (Fig 11)

A. haworthii
Illustration 98: 76 (Fig 9)

A. korneliuslemsii
Illustration (postage stamp) 119: 2 (Fig a)

A. lancerottense 102: 98, 109: 57-60
Illustration 109: 57 (Fig 4)

A. laxum 78: 88-90
Illustration 78: 88 (Fig 7)
Illustration 78: 89 (Fig 8)

A. nobile 81: 68

- Illustration **81**: 70 (Figs 12 & 13)
 Illustration (habitat) **81**:69 (Fig 11)
 Illustration (propagation) **81**: 68 (Fig 10)
- A. sedifolium* **78**: 84-86
 Illustration **78**: 85 (Fig 6)
- A. spathulatum*
 Illustration (habitat) **81**: 69 (Fig 11)
- A. subplanum*
 Illustration **98**: 76 (Fig 8)
- A. tortuosum* **75**: 4
 Illustration **75**: cover
- Aichryson bethencourtianum*** **48**: 44
- A. divaricatum* **44**: 34-36, **44**: 38
 Illustration **44**: 38
- A. dumosum*
 Illustration **44**: 38
- A. laxum* **44**: 39, **94**: 93-94
- A. pubescens* **44**: 38
 Illustration **44**: 38
- A. punctatum* **44**: 35
- A. tortuosum* **102**: 98
 Illustration **102**: 99 (Figs 9 & 10), **109**: 69 (Fig 7)
- A. villosum* **44**: 34-36
- A. x aizoides* 'Variegatum'
 Illustration **116**: 53 (Fig 32)
- Aizoon scorioides*** **35**: 19-20
- Aloe parryi*** **99**: 4
- Androsace himalaica*** **81**: 66
- Apteranthes* (*Caralluma*) *burchardii*** **109**: 59-60
- Ariocarpus fissuratus*** **93**: 60
- Astydamia latifolia*** **118**: 99
 Illustration **118**: 100 (Fig 21)
- Begonia socotrana*** **99**: 4
- Boswellia elongata*** **99**: 4
- Callisia navicularis***
 Illustration **97**: 67 (Fig 30)
- Cepaea cretensis*** **37**: 15
- Cerastium glomeratum*** **57**: 74-75

Chiastophyllum oppositifolium **42**: 59

C. oppositifolium 'Frosted Jade' **42**: 59

Cotyledon barbeyi **87**: 18

C. lutea (see *Umbilicus erectus*)

C. glossoides (see x *Pachyveria* 'Glossoides')

C. orbiculata var. *ausana* **107**: 3

Illustration **107**: 9 (Fig 8)

C. orbiculata subsp. *orbiculata* **120**: 29-31

C. orbiculata var. *orbiculata* 'Ausana' **108**: 27

C. umbilicus (see *Umbilicus rupestris*)

Crassula alata **80**: 47-48

C. atropurpurea **115**: 27-29

Illustration **115**: 27 (Fig 36), **120**: 33 (Fig 12)

Illustration (inflorescence) **115**: 27 (Fig 37)

C. ausensis **107**: 3

Illustration **107**: 10 (Fig 10)

C. barbata

Illustration **110**: 84 (Fig 1)

C. basaltica **80**: 46

C. brevifolia **120**: 30

Illustration **120**: 30 (Fig 7)

C. campestris **80**: 47-49

C. coccinea

Illustration **84**: 37 (Fig 8)

C. cornuta (see *C. deceptor*)

Illustration **107**: 11 (Fig 12)

C. cultrata **115**: 27-29

Illustration (inflorescence) **115**: 28 (Fig 39)

Illustration (Petal tip) **115**: 28 (Fig 38)

C. deceptor **108**: 27

C. dichotoma

Illustration **115**: 12 (Figs 16-18)

C. elegans subsp. *namibensis* **108**: 27, **113**: 76

Illustration **113**: 76 (Figs 28-30)

C. exilis

Illustration **116**: cover

C. expansa subsp. *fragilis* (syn. *Crassula browniana*) **100**: 54

Illustration **100**: 5 (Figs 2a & 21b)

C. grisea

Illustration **120**: 33 (Fig 13)

C. helmsii **77**: 55, **80**: 46, **80**: 49

Illustration **80**: 49 (Fig 16)

C. lanceolata **94**: 83, **99**: 5

Illustration **99**: 6 (Fig 3)

C. muscosa (syn. *Crassula lycopodioides*) **73**: 57, **80**: 47, **80**: 49-50, **107**: 7, **120**: 29-31

Illustration **80**: 50 (Fig 17), **107**: 7 (Fig 4), **107**: 8 (Fig 5)

Illustration (variation) **120**: 32 (Figs 10 & 11)

C. nudicaulis **107**: 3, **108**: 27, **120**: 31

Illustration **107**: 8 (Fig 6)

- C. ovata* 'Gollum'
 Illustration **117**: 76 (Fig 21)
- C. ovata* 'Hobbit' (syn. *C. ovata* 'Montrosa') **106**: 82
- C. ovata* 'Montrosa' (see *C. ovata* 'Hobbit')
- C. peploides*
 Description **107**: 14-15
 Illustration (Habitat) **107**: 14 (Fig 16)
 Illustration (Inflorescence) **107**: 15 (Fig 17)
- C. perfoliata* **106**: 83
- C. pubescens*
 Illustration **75**: 20 (Figs 23 & 24)
- C. pubescens* subsp. *radicans* **104**: 36-37
 Illustration **104**: 36 (Figs 6 & 7), **104**: 37 (Figs 8 & 9)
- C. rupestris*
 Illustration **110**: 86 (Fig 2)
- C. saxifraga* **120**: 34-35
 Illustration (habitat) **120**: 34 (Fig 14)
 Illustration (inflorescence) **120**: 35 (Fig 15)
 Illustration (leaves) **120**: 35 (Fig 16)
- C. sericea* **120**: 31
 Illustration **120**: 31 (Fig 8)
- C. sericea* var. *sericea* **107**: 7
 Illustration **107**: 9 (Fig 7)
- C. sericea* var. *velutina*
 Illustration **115**: 29 (Fig 40)
- C. schimperi* (syn. *Crassula lanceolata*)
- C. strigosa* **100**: 54
- C. subacaulis* var. *erosula* **108**: 27
- C. subaphylla* **120**: 29-31
- C. thunbergiana* **80**: 47
- C. tillaea* (see *Tillaea mucosa*) **80**: 44-45, **80**: 46-54, **80**: 51-52, **115**: 6, **118**: 107, **119**: 11
 Illustration **80**: 45 (Fig 15), **80**: 51 (Fig 18), **80**: 52 (Fig 20), **115**: 6 (Fig 7), **118**: 88
 (Figs 4 & 5)
- C. tomentosa* **120**: 30
- C. vaillantii* **80**: 46, **80**: 52-54
 Illustration **80**: 53 (Fig 21)
- Crempnophila linguifolia*** (see *Echeveria linguifolia*) **87**: 4
 Illustration (inflorescence) **118**: 95 (Fig 12)
 Illustration (rosette) **118**: 95 (Fig 13)
- C. nutans* **56**: 38, **78**: 95-96
 Hybrids in cultivation **56**: 38
- C. nutans* x *S. dendroideum* **79**: 10-11
 Illustration **79**: 10 (Fig 9)
- C. tlahuicana* (see *C. linguifolia*) **118**: 94-95
- Cumulopuntia boliviana*** **73**: 57
- Dendrosicyos socotrana*** **99**: 4
- Dracaena cinnabari*** **99**: 4

- Dudleya agourensis*** **95**: 9-10
 Illustration **95**: 10 (Figs 3 & 4), **95**: 16 (Fig 12)
- D. anthonyi* **100**: 44
- D. blochmaniae* **95**: 2, **95**: 13-14
 Illustration **95**: cover, **95**: 14 (Fig 10)
- D. blochmaniae* subsp. *brevifolia* **95**: 14-5
- D. brittonii* **72**: 46, **95**: 9, **100**: 44
- D. caespitosa* **95**: 9
- D. candida* **100**: 43
- D. cymosa* **100**: 45
- D. cymosa* subsp. *agourensis* **95**: 9, **95**: 15
- D. cymosa* subsp. *crebrifolia* **95**: 15
 Illustration **95**: 16 (Fig 14)
- D. cymosa* subsp. *ovatifolia* **95**: 9-13, **95**: 15
- D. cymosa* subsp. *pumila* **95**: 15, **100**: 44-48
 Illustration **95**: 16 (Fig 15), **100**: 44 (Fig 4), **100**: 46 (Figs 7 & 9), **100**: 47 (Figs 11a & b), **100**: 48 (Figs 12 & 13)
- D. densiflora* **95**: 16
 Illustration **95**: 17 (Fig 16)
- D. farinosa* **95**: 12
- D. lanceolata* **95**: 9-12, **95**: 15, **100**: 44-48
 Illustration **95**: 10 (Figs 3 & 4), **95**: 12 (Fig 7), **100**: 44 (Fig 4), **100**: 45 (Figs 5a, 5b, 6a & 6b), **100**: 46 (Fig 8)
- D. nesiotica*
 Illustration **77**: cover
- D. pachyphytum* **95**: 4, **95**: 9, **95**: 18-21
 Illustration **95**: 19 (Fig 19), **95**: 20 (Figs 20a & b), **95**: 22 (Fig 22)
- D. pulverulenta* **95**: 9-12, **95**: 15, **100**: 44-45
 Illustration **95**: 11 (Fig 6), **95**: 12 (Fig 7), **95**: 15 (Fig 11), **100**: 45 (Figs 6a & b)
- D.* subgenus *Hasseanthus* **95**: 13
 Illustration **95**: 13 (Fig 9)
- D. verityi* **95**: 13, **95**: 15
 Illustration **95**: 16 (Fig 13)
- D. virens* subsp. *insularis* **95**: 17
 Illustration **95**: 17 (Fig 17)
- Echeveria*** 'Acaulis' **89**: 58
- E. amoena* **89**: 58-59
- E.* 'Anit'
 Description **92**: 28-29
 Illustration **92**: 28 (Figs 6 & 7)
- E.* 'Bombycina' **89**: 58
- E. caerulescens*
 Illustration **89**: 60 (Fig 7)
- E.* 'Corymbosa' **89**: 60
- E. crenulata*
 Description **102**: 86-87
- E.* 'Crinita' **89**: 58
- E.* 'Doris Taylor' **89**: 58
- E.* F.O. 36

- Description **71**: 16-17
 Illustration **71**: 17 (Fig 11)
- E. 'Fallax'* **89**: 59
 Illustration **89**: 59 (Fig 6)
- E. fulgens* **102**: 87
- E. glauca* (see *E. secunda*)
- E. 'Haageana'* **89**: 60
 Illustration **89**: 60 (Fig 8)
- E. 'Indecorata'* **89**: 59
- E. 'Lanceolata'* **89**: 59
- E. linguifolia* (see *Cremnophila linguifolia*) **56**: 38, **87**: 4
- E. peruviana* **119**: 9
 Illustration **119**: 8 (Fig 5)
- E. 'Pseudo-agavoides'* **89**: 60
- E. 'Pseudolancifolia'* **89**: 59
- E. 'Pulv-Oliver'* **104**: 45
 Illustration **104**: 45 (Fig 20)
- E. pulvinata* **89**: 58
- E. purpusorum* **89**: 58
 Illustration **119**: 7 (Fig 4)
- E. rosea* **83**: 9
- E. secunda* **117**: 58
 Illustration **116**: 51 (Fig 29), **117**: 58 (Fig 8)
- E. 'Set-Oliver'* **92**: 29
119: 5
 Illustration (postage stamp) **119**: 5 (Figs 1 & 2)
- E. setosa* **89**: 58
- E. 'Silvergreen'* **89**: 58
- E. strictiflora* **93**: 60
 Illustration **93**: 59 (Fig 10), **93**: 60 (Figs 11)
- E. tolimanensis*
 Illustration **103**: 24 (Fig 29)
- Echinocereus maritimus*** **95**: 19-21
 Illustration **95**: 20 (Fig 20a & b), **95**: 21 (Fig 21)
- E. reichenbachii* **106**: 85-92
 Illustration **106**: 88 (Figs 5 & 6)
- E. reichenbachii* subsp. *baileyi* **106**: 85
- Echinopsis maximiliana*** **73**: 57
- Euphorbia balsamifera*** **109**: 57-58
- E. chaparis* ssp *wulfeni* **52**: 38
- E. dendroides* **73**: 56
- Graptopetalum amethystinum*** **90**: 95
 x *Sedum burrito* **24**: 5
 x *Sedum morgianum* **24**: 5
- G. 'Francesco Baldi'* **32**: 21
- G. goldii* (see *Sedum allantoides* 'Goldii' and *Sedum* 'Goldii')
- G. 'Heaven'* **60**: 32-33

Illustration **60**: 97
G. pachyphyllum **57**: 78-80, **58**: 92
Illustration **57**: 77, **58**: 86
G. paraguayense **32**: 21, **34**: 12-13, **38**: 11, **40**: 17, **78**: 95
Illustration **85**: cover

x*Graptosedum* 'Francesco Baldi'

Description **19**: 18-19

Illustration **19**: 19

x*Graptoveria* 'Kew Marble' **42**: 60, **43**: 3

Illustration **42**: **60**

xG. 'Opalina'

Illustration **44**: 37-38

Hylotelephium 'Abbey Dore' **98**: 90

H. 'Abendrot' see *H. spectabile* 'Abendrot'

H. 'African Pearl' **98**: 90

H. 'African Sunset' see *H. telephium* 'African Sunset'

H. 'Album' **98**: 88

H. anacampseros (see *Sedum anacampseros*) **42**: 53-54, **42**: 71, **47**: 15, **57**: 58, **58**: 100, **59**: 15-22, **86**: 76-77, **120**: 48-50

Illustration **120**: 46 (Fig 28), **120**: 48 (Fig 30)

Illustration (flowering period) **82**: 86 (Fig 4), **86**: cover

H. 'Atropurpureum' (see *H. telephium* subsp. *maximum* 'Atropurpureum')

H. 'Aquarell' **98**: 90

H. 'Arthur Branch' (see *Sedum telephium* 'Arthur Branch') **48**: 36, **98**: 90

H. 'Autumn Charm' **98**: 90

Illustration **116**: 55 (Fig 37)

H. 'Autumn Delight' **98**: 90

Illustration **116**: 55 (Fig 38)

H. 'Autumn Fire' **98**: 90

H. 'Autumn Joy' (see *Hylotelephium telephium* 'Autumn Joy') **45**: 57, **46**: 90, **48**: 36, **98**: 90

Cultivation **17**: 21

H. 'Beka' (see *Hylotelephium* 'Autumn Delight')

H. 'Belle de Jour' **98**: 90

H. 'Bengt Fagerström' **98**: 90

H. 'Bertram Anderson' **45**: 57, **45**: 66, **98**: 90

Illustration **45**: 66

H. 'Beth's Special' (see *Hylotelephium telephium* subsp. *ruprechtii* 'Beth's Special')

H. 'Black Emperor' **98**: 88

H. 'Black Jack' **98**: 90

H. 'Bon Bon' (see *Hylotelephium telephium* 'Bon Bon')

H. borderi (see *Hylotelephium telephium fabaria*)

H. 'Brilliant' (see *Hylotelephium spectabile* 'Brilliant')

H. 'Bronco' (see *Hylotelephium telephium* subsp. *maximum* 'Bronco')

H. 'Carl' **45**: 57, **45**: 59, **45**: 66, **48**: 38, **98**: 90

Illustration **45**: 66

H. 'Carmen' (see *Hylotelephium spectabile* 'Carmen')

H. caucasicum (see *Sedum caucasicum*) **92**: 42-43

Illustration (inflorescence) **92**: 43 (Fig 24)

- Illustration (in situ) **92**: 43 (Fig 25)
- H. cauticola* (see *Sedum cauticola*)
- Illustration (flowering period) **82**: 86 (Fig 4)
- H. cauticola* 'Coca Cola' **98**: 88
- H.* 'Chocolate' **98**: 90
- H.* 'Citrus Twist' **98**: 88, **98**: 90
- H.* 'Class Act' **98**: 90
- H.* 'Coca Cola' (see *Hylotelephium cauticola* 'Coca Cola')
- H.* 'Crazy Ruffles' **98**: 90
- H.* 'Dark Jack' (see *Hylotelephium* 'Black Jack')
- H.* 'Dazzleberry'
- Illustration **111**: 15 (Fig 18)
- H.* 'Diamond Edge' **98**: 90
- H.* 'Drachenblut' (see *Hylotelephium* 'Karfunkelstein')
- H.* 'Dudley Field' **98**: 90
- Illustration **45**: 66
- H.* 'El Cid' **98**: 90
- H.* 'Elsie's Gold' **98**: 90
- H. erythrostictum* (see *Sedum erythrosticum*) **46**: 91, **82**: 98
- Illustration **117**: 66 (Fig 10)
- H. erythrostictum* 'Frosty Morn' (see *Sedum* 'Frosty Morn') **43**: 3, **98**: 88
- H. erythrostictum* var. *mediovarigatum* **98**: 88
- H.* 'Escapade' **98**: 90
- H. ewersii* (see *Sedum ewersii*) **42**: 56, **42**: 59, **46**: 97, **47**: 16-17, **85**: 52, **92**: 34, **118**: 85
- Illustration (flowering period) **82**: 86 (Fig 4)
- Illustration **82**: 90 (Fig 6), **92**: 34 (Fig 13), **113**: Cover
- H. ewersii cyclophyllum* **47**: 16
- Illustration (flowering period) **82**: 86 (Fig 4)
- H. ewersii homophyllum* (see *Sedum ewersii* var. *homophyllum*) **47**: 16-18, **81**: 67
- Illustration **47**: 2, **47**: 19
- Illustration (flowering period) **82**: 86 (Fig 4)
- H. ewersii* 'Nana' **98**: 89
- H. ewersii* 'Rosenteppich' **98**: 89
- H.* 'Fiesta' (see *Hylotelephium telephium* subsp. *ruprechtii* 'Fiesta')
- H.* 'Firecracker'
- Illustration **111**: 16 (Fig 19)
- H.* 'Frosty Morn' (see *Hylotelephium erythrostictum* 'Frosty Morn')
- H.* 'Garnet Brocade' **98**: 90
- H.* 'Golden Morn' (see *Hylotelephium erythrostictum mediovarigatum*)
- H.* 'Gooseberry Fool' (see *Hylotelephium telephium* subsp. *maximum* 'Gooseberry Fool')
- H.* 'Green Expectations' (see *Hylotelephium telephium* subsp. *maximum* 'Green Expectations')
- H.* 'Green Ice' (see *Hylotelephium spectabile* 'Green Ice')
- H.* 'Hab Grey' (see *Hylotelephium telephium* subsp. *ruprechtii* 'Hab Grey')
- H.* 'Herbstfreude' (see *Hylotelephium* 'Autumn Joy') **113**: 60-62
- Illustration **110**: 97 (Fig 15), **113**: 60 (Fig 1)
- H.* 'Hidakense' (see *Hylotelephium* 'Ruby Glow' and *Sedum hidakense*)
- H.* 'Hot Stuff' **98**: 88
- H.* 'Humile' (see *Hylotelephium spectabile* 'Humile')
- H.* 'Iceberg' see *Hylotelephium spectabile* 'Iceberg')
- H.* 'Indian Chief' (see *Hylotelephium*. 'Herbstfreude' and *Sedum telephium* 'Indian Chief')

- H.* 'Jamin' **98**: 90
- H.* 'Janet Poor' (see *Hylotelephium populifolium* 'Janet Poor')
- H.* 'Jaws' **98**: 90
- H.* 'Jennifer' (see *Hylotelephium telephium* 'Jennifer')
- H.* 'Jose Aubergine' (see *Hylotelephium telephium* 'Jose Aubergine')
- H.* 'Joyce Henderson' **98**: 90
- H. julianum* **44**: 41
- H.* 'Karma' **98**: 91
- H.* 'Karfunkelstein' (see *Hylotelephium telephium* 'Karfunkelstein')
- H.* 'Kurt Weckström' **82**: 83, **98**: 91, **113**: 60-62
 Illustration (flowering period) **82**: 86 (Fig 4), **113**: 61 (Figs 2-4)
- H.* 'Ladislav Hlavaty' **45**: 58, **45**: 66, **50**: 86, **98**: 91
 Illustration **45**: 66
- H.* 'Lajos' **98**: 91
- H.* 'Leonore Zuutz' **98**: 89
- H.* 'Lime Zinger'
 Illustration **111**: 16 (Fig 20)
- H.* 'Linda et Rodney' (see *Hylotelephium. telephium* 'Linda et Rodney')
- H.* 'Lisa' (see *Hylotelephium spectabile* 'Lisa')
- H.* 'Lynda Windsor' (see *Hylotelephium telephium* 'Lynda Windsor')
- H.* 'Maestro' **98**: 91
- H.* 'Marchants Best Red' (see *Hylotelephium telephium* 'Marchants Best Red')
- H.* 'Matrona' **45**: 58, **45**: 65, **48**: 36, **98**: 91
 Illustration **45**: 66
- H. maximum* **44**: 40, **48**: 33, **50**: 95, **87**: 21
- H.* 'Mediovarigatum' (see *Hylotelephium erythrostictum* var. *mediovarigatum*)
- H.* 'Meteor' (see *Hylotelephium spectabile* 'Meteor')
- H.* 'Mini Joy' **98**: 91
- H.* 'Mohrchen' **98**: 91
- H.* 'Mr Goodbud' **98**: 91
- H.* 'Munstead Dark Red' (see *Hylotelephium* 'Munstead Red')
- H.* 'Munstead Purple' (see *Hylotelephium* 'Munstead Red')
- H.* 'Munstead Red' (see *Hylotelephium telephium* subsp. *telephium* 'Munstead Red')
- H.* 'Nana' (see *Hylotelephium ewersii* 'Nana')
- H.* 'Neon' (see *Hylotelephium spectabile* 'Neon')
- H.* 'Nordlicht' (see *Hylotelephium spectabile* 'Nordlicht')
- H. orbiculatum* **81**: 67
- H.* 'Pearly Pink' **45**: 58
- H.* 'Picolette' **98**: 91
- H.* 'Pillow Talk'
 Illustration **118**: 87 (Fig 3)
- H.* 'Pink Chablis' (see *Hylotelephium spectabile* 'Pink Chablis')
- H.* 'Pink Fairy' (see *Hylotelephium spectabile* 'Pink Fairy')
- H. populifolium* (see *Sedum populifolium*) **82**: 83, **85**: 52, **87**: 22
 Illustration (flowering period) **82**: 86 (Fig 4)
- H. populifolium* 'Janet Poor' **98**: 88
- H. populifolium* 'Vaclav Plestil's Red'
 Description **57**: 76-77
 Illustration (flowering period) **57**: 53, **57**: 80-81, **82**: 86 (Fig 4)
- H.* 'Postman's Pride' **98**: 91
- H.* 'Purple Emperor' (see *Hylotelephium telephium* 'Purple Emperor')

H. 'Purple Face' (see *Hylotelephium spectabile* 'Pink Fairy')
H. 'Purple Moon' (see *Hylotelephium telephium* 'Purple Moon')
H. 'Raspberry Red' **45**: 58
H. 'Red Cauli' (see *Hylotelephium telephium* 'Red Cauli')
H. 'Red Rum' (see *Hylotelephium telephium* 'Red Rum')
H. 'Ringmore Ruby' **98**: 91
H. 'Robustum' **98**: 91
H. 'Rose Carpet' (see *Hylotelephium ewersii* 'Rosenteppich')
H. 'Rosenteller' (see *Hylotelephium spectabile* 'Rosenteller')
H. 'Rosenteppich' (see *Hylotelephium ewersii* 'Rosenteppich')
H. 'Roseovariegatum' (see *Hylotelephium telephium* 'Roseovariegatum')
H. 'Rosey Glow' **98**: 91
H. 'Rubin' (see *Hylotelephium spectabile* 'Rubin')
H. 'Ruby Glow' **98**: 90, **98**: 91
 Illustration **45**: 66
H. 'Samuel Oliphant' **98**: 91
H. 'Sandsturm' (see *Hylotelephium telephium* subsp. *ruprechtii* 'Sandsturm')
H. 'Savill Burgundy' (see *Hylotelephium telephium* subsp. *maximum* 'Savill Burgundy')
H. 'Septemberglut' (see *Hylotelephium spectabile* 'Septemberglut')
H. sieboldii (see *Sedum sieboldii*)
 Illustration **49**: 62
 Illustration (flowering period) **82**: 86 (Fig 4)
H. sieboldii var. *ettyuense* **72**: 36-37
 Illustration **81**: 68 (Fig 9)
H. 'Snowqueen' (see *Hylotelephium spectabile* 'Snowqueen')
H. spectabile (see *Sedum spectabile*) **41**: 28, **44**: 43, **45**: 66, **46**: 90, **46**: 91, **48**: 46, **53**:
 43, **82**: 98, **89**: 71, **110**: 98
 Illustration **110**: 98 (Fig 16)
 Illustration (flowering period) **82**: 86 (Fig 4), **85**: 68 (Fig 12c)
H. spectabile 'Abendrot' **98**: 88
H. spectabile 'Brilliant' **45**: 57, **45**: 59, **45**: 66, **48**: 90, **98**: 88
 Illustration **45**: 66
H. spectabile 'Carmen' **45**: 57, **46**: 90, **98**: 88
H. spectabile 'Crystal Pink' **116**: 51
 Illustration **116**: 52 (Fig 30)
H. spectabile 'Green Ice' **98**: 88
H. spectabile 'Humile' **98**: 88
H. spectabile 'Iceberg' (see *Sedum spectabile* 'Iceberg') **98**: 88, **113**: 60-62
 Illustration **113**: 60 (Fig 1), **113**: 62 (Fig 3)
H. spectabile 'Lisa' **98**: 89
H. spectabile 'Meteor' **46**: 90, **98**: 89
H. spectabile 'Neon' **98**: 89
H. spectabile 'Nordlicht' **98**: 89
H. spectabile 'Pink Chablis' **98**: 89
H. spectabile 'Pink Fairy' **98**: 89
H. spectabile 'Purple Face' **98**: 89
H. spectabile 'Rosenteller' **45**: 58-59, **98**: 89
H. spectabile 'Rubin' **98**: 89
H. spectabile 'Septemberglut' **48**: 36, **98**: 89, **98**: 91
H. spectabile 'Snowqueen' **98**: 89
H. spectabile 'Stardust' (see *Sedum spectabile* 'Stardust') **45**: 59, **48**: 36, **98**: 89

- Reverting **19**: 9
- H. spectabile* 'Steven Ward' **98**: 89
- H.* 'Spirit' **98**: 91
- H.* 'Stardust' (see *Hylotelephium spectabile* 'Stardust')
- H.* 'Stewed Mountain Rhubarb' **45**: 59, **98**: 91
- H.* 'Steven Ward' see (*Hylotelephium spectabile* 'Steven Ward')
- H.* 'Strawberries & Cream' (see *Hylotelephium telephium* 'Strawberries & Cream')
- H.* 'Sunkissed' (see *Hylotelephium telephium* subsp. *maximum* 'Sunkissed')
- H.* 'Sunset Cloud' **45**: 59, **98**: 91
- H. tatarinowii* 'Sunset Cloud' (see *Sedum tatarinowii* 'Sunset Cloud') **81**: 67, **89**: 71
- H. telephium* (see *Sedum telephium*) **52**: 28-29, **72**: 29-30, **101**: 67, **112**: 32, **118**: 85, **120**: 39-42
- Illustration **118**: 34
- H. telephium* 'African Sunset' **98**: 88
- H. telephium* 'Bon Bon' **98**: 88
- H. telephium* 'Carl'
- Illustration (flowering period) **82**: 86 (Fig 4)
- H. telephium* 'Drachenblut' **98**: 88
- H. telephium fabaria* (see *Sedum telephium* subsp. *fabaria* and *Sedum fabaria*) **44**: 40
- H. telephium fabaria borderii* (see *Sedum telephium* var. *borderi*) **44**: 40, **49**: 66
- Illustration (flowering period) **82**: 86
- H. telephium* 'Gooseberry Fool'
- Illustration (flowering period) **82**: 86 (Fig 4)
- H. telephium* 'Herbstfreude' (see *Hylotelephium* 'Herbstfreude' and *Sedum telephium* 'Indian Chief')
- Illustration (flowering period) **82**: 86 (Fig 4)
- H. telephium* 'Jennifer' **98**: 88
- H. telephium* 'Jose Aubergine' **98**: 88
- H. telephium* 'Karfunkelstein' **98**: 88, **98**: 90
- H. telephium* 'Lynda Windsor' **98**: 88
- H. telephium* 'Matrona'
- Illustration (flowering period) **82**: 86 (Fig 4)
- H. telephium* 'Mohrchen' (see *Sedum* 'Mohrchen')
- Illustration (flowering period) **82**: 86 (Fig 4)
- H. telephium* 'Emperor' **45**: 59, **91**: 19, **93**: 63, **98**: 89
- Illustration (flowering period) **82**: 86 (Fig 4)
- H. telephium* 'Purple Moon' **98**: 89
- H. telephium* (*purpureum*)
- Illustration (flowering period) **82**: 86 (Fig 4)
- H. telephium* 'Red Cauli' **98**: 89
- H. telephium* 'Red Rum' **98**: 89
- H. telephium* 'Roseovariegatum' **98**: 89
- H. telephium* 'Ruby Glow' **45**: 58, **45**: 66, **46**: 97
- Illustration (flowering period) **82**: 86 (Fig 4)
- H. telephium* subsp. *maximum* **53**: 48, **54**: 65-79, **59**: 11, **59**: 15-22, **74**: 89, **82**: 80, **83**: 6, **92**: 37-44, **96**: 32, **97**: 63, **101**: 68, **118**: 105
- Distribution in Austria **54**: 71-76
- Distribution in Finland **92**: 37-44
- Illustration (flowering period) **82**: 86 (Fig 4)
- Illustration **54**: 71-76, **83**: 6 (Fig 5), **92**: 41 (Fig 23), **96**: 32 (Fig 5), **96**: 34 (Fig 9), **97**: 63 (Fig 22)

- H. telephium* subsp. *maximum* 'Atropurpureum' (see *Sedum telephium* subsp. *maximum* var. *atropurpureum*) **98**: 88
- H. telephium* subsp. *maximum* 'Bronco' **98**: 88
- H. telephium* subsp. *maximum* 'Green Expectations' **98**: 88
- H. telephium* subsp. *maximum* 'Savill Burgundy' **98**: 89
- H. telephium* subsp. *maximum* 'Sunkissed' **98**: 89
- H. telephium* subsp. *ruprechtii* (see *Sedum telephium* subsp. *ruprechtii*) **53**: 48, **92**: 37-44
- Illustration (distribution in Finland) **92**: 39 (Fig 19)
- Illustration (flowering period) **82**: 86 (Fig 4)
- Illustration **92**: 39 (Fig 20), **92**: 40 (Fig 21), **92**: 41 (Figs 22 & 23), **92**: 43 (Fig 24)
- H. telephium* subsp. *ruprechtii* 'Beth's Special' **98**: 88
- H. telephium* subsp. *ruprechtii* 'Fiesta' **98**: 88
- H. telephium* subsp. *ruprechtii* 'Hab Grey' **98**: 88
- H. telephium* subsp. *ruprechtii* 'Sandsturm'
- H. telephium* subsp. *telephium*
- Illustration (inflorescence) **120**: 42 (Fig 23)
- H. telephium* subsp. *telephium* 'Linda et Rodney' **98**: 89
- H. telephium* subsp. *telephium* 'Marchants Best Red' **98**: 89
- H. telephium* subsp. *telephium* 'Munstead Red' **45**: 58, **45**: 66, **46**: 90, **48**: 36, **98**: 89
- Illustration **45**: 66
- H. telephium* 'Strawberries & Cream' **48**: 36, **98**: 89
- H. telephium* 'Xenox' **98**: 89
- H. telephioides* (see *Sedum telephioides*) **80**: 34-35
- Illustration **41**: 37, **80**: 34 (Figs 2 & 3), **80**: 35 (Figs 4 & 5)
- H. 'Thua'* **98**: 91
- Description **85**: 52-53
- Illustration **85**: 53 (Fig 1)
- H. 'Thundercloud'* **88**: 42-43, **89**: 71, **98**: 91
- Illustration **88**: 42 (Fig 12)
- Illustration (inflorescence) **88**: 43 (Fig 13)
- H. 'Václav Plestil's Red'* **98**: 91
- H. 'Veluwse Wakel'* **98**: 91
- H. 'Vera Jameson'* (see *Sedum 'Vera Jameson'*) **45**: 59, **98**: 91
- H. 'Washfield Purple'* (see *Hylotelephium 'Purple Emperor'*)
- H. 'Washfield Ruby'* (see *Hylotelephium 'Purple Emperor'*)
- H. 'Whetstone'* (see *Sedum 'Whetstone'*)
- H. 'Xenox'* (see *Hylotelephium telephium 'Xenox'*)
- Jovibarba allioni* 101**: 68-69
- Illustration **101**: 68 (Fig 8)
- J. globifera* subsp. *hirta* 'Alaska' **88**: 41-42, **89**: 71
- Illustration **88**: 41 (Figs 11a & 11b)
- J. globerifera* subsp. *lagariniana* (syn. *Sempervivum globeriferum* subsp. *lagarinianum*) **96**: 31-36
- Illustration **96**: 32 (Fig 6), **96**: 33 (Figs 7 & 8), **96**: 34 (Fig 9), **96**: 35 (Fig 10)
- J. heuffelii* **84**: 31, **85**: 61, **92**: 25, **105**: 61, **119**: 12
- Illustration **75**: 6 (Fig 3), **84**: 32 (Figs 4 & 5), **92**: 25 (Fig 5), **96**: 34 (Fig 9), **105**: 62 (Figs 5 & 6), **119**: 12 (Fig 8)
- Kalanchoe beharensis* 106**: 83

Illustration **107**: cover
K. blossfeldiana **82**: 97
K. CALANDIVA® **82**: 95-97, **86**: 81-82
 Illustration **82**: 96 (Figs 11 & 12)
 Illustration (fasciation) **86**: 81 (Figs 8a & 8b)
K. farinacea **85**: 57-58, **94**: 81-83
 Illustration **85**: 58 (Fig 6), **94**: 82 (Figs 15 & 16)
K. luciae **112**: 42-43
 Illustration **112**: 42-43 (Figs 20 & 21)
K. luciae x *K. sexangularis* (see *K. 'Vivien'*)
K. robusta **87**: 18, **94**: 81-83
 Illustration **85**: 59 (Fig 7) (caption subsequently corrected), **94**: 84 (Fig 17)
K. rotundifolia **94**: 81-83, **113**: 75
 Illustration **94**: 85 (Figs 18 & 19), **113**: 75 (Figs 26 & 27)
K. scapigera **94**: 81
K. sexangularis **112**: 42-43
 Illustration **112**: 43 (Fig 21)
K. socotrana **94**: 83
K. 'Vivien' **112**: 40-43
 Illustration **112**: 40-43 (Figs 16-21)

Lenophyllum guttatum **98**: 79-81
 Illustration **98**: 80 (Figs 14 & 15), **98**: 81 (Fig 16)

Lewisia cantelovii **89**: 57

Meterostachys sikokiana
 Illustration **49**: 52

Monanthes laxiflora **102**: 98, **109**: 58-60
 Illustration **102**: 98 (Fig 8), **109**: 59 (Figs 5 & 6)
M. lowei **118**: 92-93
 Illustration **93**: 66 (Figs 22, 23a & b)
 Illustration (postage stamp) **118**: 92 (Fig 10)
 Propagation **93**: 65-67
M. muralis **118**: 102
 Illustration **118**: 100 (Figs 27 & 28)
M. polyphylla **85**: 53-55
M. subrosulata **118**: 99-103
 Illustration **118**: 101 (Figs 24-26)
 Illustration (Habitat) **118**: 100 (Figs 22 & 23)

Montia parviflora **89**: 58

Mucizonia campanulata
 Illustration **21**: 9

M. hispida
 Illustration **16**: 16

Orobanche uniflora **88**: 40
 Illustration **88**: 40 (Fig 10)

Orostachys aggregatum see *O. malacophylla* var. *aggregata*

O. boehmeri

Illustration **93**: 64 (Fig 19)

O. genkaiense **43**: 7

O. 'Genkai-Iwarenge'

Illustration **43**: 12

O. iwarenge **43**: 7

O. iwarenge 'Houou'

Illustration **109**: 76 (Figs 33a & b)

O. iwarenge 'Kujaku' **44**: 49

O. japonica **82**: 98

O. malacophylla var. *aggregata*

Illustration **93**: 5 (Fig 20)

O. malacophylla var. *iwarenge* 'Genkaiense' **43**: 7, **43**: 12

O. malacophylla var. *malacophylla* **43**: 7

O. paradoxa **49**: 50, **49**: 61

Illustration **49**: 62

O. spinosa **72**: 43-44, **90**: 82-86, **92**: 33

Illustration **103**: 25 (Fig 32)

Illustration (fascinated flowering stem) **90**: 83 (Fig 7)

Illustration (flowering) **72**: 43 (Fig 9)

Illustration (Inflorescence) **72**: 44 (Fig 10)

Illustration (in situ) **92**: 33 (Figs 10 & 11)

O. spinosa var. *thyrsiflora* **92**: 33

Oxalis pes-caprae **112**: 32-33

Illustration **112**: 33 (Fig 2)

Pachypodium namaquanum **120**: 31

Pachyphytum bracteosum **83**: 9

P. brevifolium **79**: 2

Illustration **79**: cover

P. fittkaui **97**: 54-55

Illustration **97**: 54 (Figs 7 & 8)

P. hookeri **83**: 8, **89**: 58

P. oviferum **88**: 46

Illustration **103**: 25 (Fig 31)

P. viride **97**: 55

Parvisedum congdonii **33**: 13, **34**: 17

Illustration **33**: 12

P. leiocarpum **33**: 13

P. pentandrum **33**: 13

Illustration **33**: 12

P. pumilum **33**: 13, **34**: 16

Illustration **34**: 17, **35**: centerfold

Pediocactus simpsonii **108**: 46-49

Petrosedum albescens **114**: 109

- P. amplexicaule* (see *Sedum amplexicaule*) **81**: 62-63, **82**: 94-95, **93**: 61-63, **100**: 52, **102**: 103, **112**: 35, **113**: 72
 Illustration **81**: 62 (Fig 4), **102**: 103 (Fig 15)
- P. amplexicaule* subsp. *amplexicaule* (see *Sedum amplexicaule* subsp. *amplexicaule*)
93: 61-63
 Distribution map (Turkey) **111**: 18 (Fig 22)
 Illustration **93**: 62 (Figs 14 & 15)
- P. amplexicaule* subsp. *tenuifolium* (see *Sedum amplexicaule* subsp. *tenuifolium*) **82**: 94, **92**: 26, **93**: 61-63, **100**: 50, **100**: 52, **107**: 16, **108**: 29, **111**: 17, **112**: 38
 Illustration **93**: 62-63 (Figs 16 & 17)
- P. dianium* **114**: 109
- P. erectum* **105**: 66-72
 Illustration **105**: 67 (Fig 12), **105**: 69 (Fig 13), **105**: 70 (Fig 14)
- P. forsterianum* (see *Sedum forsterianum* and *Petrosedum rupestre*) **82**: 94, **90**: 81, **97**: 55-56, **107**: 19, **112**: 32, **113**: 72-74, **117**: 62-64,
 Distribution **97**: 56 (Fig 7)
 Illustration **107**: 19 (Fig 25), **117**: 79 (Fig 25)
- P. forsterianum* fm. *elegans* **94**: 93, **120**: 24-26
 Illustration **120**: 26 (Fig 3)
- P. forsterianum* subsp. *elegans* 'Silver Stone' **81**: 71-74
 Illustration **81**: 73 (Fig 15), **81**: 71 (Fig 14)
- P. montanum* (see *Sedum montanum*) **82**: 94, **87**: 17, **95**: 5-7, **97**: 56, **101**: 67-70, **120**: 47-48
 Illustration **95**: 8 (Fig 7), **101**: 70 (Fig 12), **120**: 50-51 (Figs 32 & 33)
- P. montanum*
x Phedimus rupestre **87**: 16-17
 Illustration **87**: 18 (Fig 13)
- P. montanum* subsp. *montanum* (see *Sedum montanum* subsp. *montanum*) **87**: 16, **105**: 66-72
- P. montanum* subsp. *orientale* (see *Sedum montanum* subsp. *orientale*) **82**: 94, **95**: 7, **98**: 73, **105**: 66-72
- P. ochroleucum* (see *Sedum ochroleucum*) **82**: 94, **84**: 31, **87**: 16, **92**: 25-26, **97**: 56-57, **98**: 73, **103**: 17-18, **105**: 64
 Illustration **84**: 30 (Figs 3a & 3b), **103**: 17 (Fig 20)
- P. pruinatum* (see *Sedum pruinatum*) **82**: 92-95, **113**: 74
 Illustration **82**: 93 (Fig 9), **82**: 94 (Fig 10), **113**: 74 (Figs 24 & 25)
- P. reflexum* (see *Sedum reflexum*) **105**: 66-72, **107**: 19
 Illustration **104**: 55 (Fig 30)
- P. rupestre* (see *Sedum rupestre* and *Petrosedum forsterianum*) **82**: 94, **87**: 17, **97**: 62, **101**: 67, **104**: 48-55, **107**: 19, **109**: 64, **118**: 82, **118**: 105, **119**: 13-16, **120**: 47
 Illustration **104**: 49 (Fig 26), **104**: 55 (Fig 29), **118**: cover, **119**: 14 (Figs 11 & 12)
- P. rupestre* fma. *floris-precocis* **119**: 15
- P. rupestre* subsp. *erectum* (see *Sedum rupestre* subsp. *erectum*) **82**: 94, **97**: 55-57, **98**: 72-73
 Distribution **97**: 56 (Fig 8), **98**: 72 (Fig 1)
 Distribution (Type locality) **97**: 57 (Fig 9)
 Illustration **98**: cover, **98**: 73 (Fig 2)
- P. rupestre* subsp. *rupestre* (see *Sedum rupestre* subsp. *rupestre*) **87**: 16, **97**: 55-56, **119**: 15
 Illustration **97**: 62 (Fig 18)

- P. sediforme* (see *Sedum sediforme*) **82**: 94, **87**: 16, **88**: 43-44, **90**: 79, **90**: 81, **98**: 86-88, **99**: 9-11, **105**: 70, **106**: 97-99, **109**: 67, **111**: 4, **111**: 17, **113**: 74, **117**: 62-64, **120**: 24-25
 Distribution map (Turkey) **111**: 18 (Fig 22)
 Illustration **88**: 43 (Figs 14 & 15), **98**: 87 (Fig 22), **99**: 12 (Fig 15), **106**: 98 (Fig 19), **111**: 5 (Fig 1), **112**: 33 (Fig 3), **120**: 24 (Fig 1), **120**: 25 (Fig 2)
- P. x brevierei* **113**: 88
- P. x estrelae* (*P. fosterianum* x *P. sediforme*) **117**: 62-65
 Illustration **117**: 64 (Figs 6 & 7)
- P. x hegnaueri* **113**: 88
- P. x henkii* **113**: 88
- P. x lorenzoi* **113**: 88
- P. x luteolum* **105**: 71
- P. x nicaeense* **113**: 88
- P. x pascalianum* **113**: 88
- Phedimus aizoon** (see *Sedum aizoon*) **82**: 88, **99**: 25-27, **101**: 70-74, **118**: 85
 Illustration (flowering period) **82**: 85 (Fig 3)
 Illustration (Leaves) **99**: 26 (Fig 30)
- P. aizoon* 'Aurantiacum'
 Illustration (flowering period) **82**: 85 (Fig 3)
- P. aizoon* var. *aurantiacus* **99**: 25
- P. aizoon* var. *floribundus* **99**: 25
 Illustration (flowering period) **82**: 85 (Fig 3)
 Illustration **56**: 37
- P. aizoon* var. *scabrus*
 Illustration (flowering period) **82**: 85 (Fig 3)
- P.* 'Alexa'
 Illustration **105**: 65 (Figs 10 & 11)
- P. ellacombianus* (see *Sedum ellacombianum*) **99**: 7, **99**: 24-27, **101**: 70-74
 Illustration **99**: 7 (Fig 4)
 Illustration (flowering period) **82**: 85 (Fig 3)
 Illustration (leaves) **99**: 24 (Fig 27), **101**: 71 (Fig 13)
- P. ellacombianus* 'Cutting Edge'
 Illustration **118**: 87 (Fig 2)
- P. hybridus* **72**: 45-46, **77**: 61, **82**: 84-85, **92**: 26, **99**: 25, **101**: 70-74, **113**: 58-59
 Illustration **82**: 90 (Fig 6), **91**: 32 (Fig 9)
 Illustration (flowering period) **82**: 85 (Fig 3)
 Illustration (leaves) **99**: 25 (Fig 28), **101**: 73 (Fig 15)
- P. hybridus* 'Czar's Gold' **82**: 84-85, **96**: 2, **99**: 25, **101**: 71-74
 Illustration **96**: cover
 Illustration (leaves) **99**: 25 (Fig 28), **101**: 72 (Fig 14)
- P. hybridus* 'H3' **101**: 72-74
 Illustration (leaves) **101**: 74 (Fig 17)
- P. hybridus* 'Immergrünchen' **101**: 72-74
 Illustration (leaves) **101**: 72 (Fig 14)
- P. hybridus* 'Jan Erik' **101**: 72-74
 Illustration (leaves) **101**: 73 (Fig 16)
- P. hybridus* 'Vasa' **101**: 72-74
 Illustration (leaves) **101**: 73 (Fig 16)
- P. kamtschaticus* **99**: 25-27, **101**: 70-74, **105**: 65, **118**: 85

- Illustration **56**: 37, **109**: 79 (Fig 37)
 Illustration (flowering period) **82**: 85 (Fig 3)
 Illustration (leaves) **99**: 27 (Fig 31), **101**: 74 (Fig 74)
- P. kamtschaticus floriferus* 'Weihenstephaner Gold' **82**: 84-85
 Illustration (flowering period) **82**: 85 (Fig 3)
- P. kamtschaticus variegatus*
 Illustration **116**: 55 (Fig 39)
- P. middendorffianus* **82**: 83-85, **86**: 91, **92**: 31, **99**: 25
 Illustration (flowering period) **82**: 85 (Fig 3)
 Illustration (leaves) **99**: 26 (Fig 29)
- P. middendorffianus* var. *diffusus* **86**: 91
 Illustration (leaves) **99**: 26 (Fig 29)
- P. obtusifolius* (see *Sedum obtusifolium*) **59**: 10, **72**: 34, **79**: 5-7, **108**: 33-34, **111**: 25-27
 Distribution (Turkey) **79**: 7 (Fig 6), **108**: 34 (Fig 12)
 Illustration **72**: 34 (Fig 8), **79**: 6 (Figs 4 & 5), **108**: 33 (Figs 11a & b), **108**: 34 (Figs 11c & d), **111**: 26 (Fig 32), **111**: 27 (Figs 33 & 34)
- P. selskianus* **99**: 27
 Illustration (flowering period) **82**: 85 (Fig 3)
- P. selskianus* 'Goldilocks' **76**: 30-31
 Illustration **76**: cover
- P. spurius* **53**: 41, **59**: 10, **87**: 22, **91**: 9, **96**: 28, **97**: 64, **108**: 26, **109**: 78, **113**: 58-59, **118**: 85
 Illustration (flowering period) **82**: 85 (Fig 3)
 Location **71**: 6-10
 Illustration **53**: 42
 Illustration (green carpet) **109**: 78 (Figs 35 & 36)
 Illustration (location) **71**: 10 (Fig 6)
- P. spurius* 'Cream Split' **76**: 33, **77**: 60-61
 Illustration **76**: 33 (Fig 7)
- P. spurius* 'Fuldaglut' **118**: 86
- P. spurius* 'Green Mantle' **99**: 7
 Illustration **99**: 7 (Fig 5)
- P. spurius* 'John Creech'
 Description **60**: 40-42
 Illustration **60**: 98
- P. spurius* 'Leningrad White'
 Description **60**: 40-43
 Illustration **60**: 105, **117**: 59 (Figs 6 & y)
- P. spurius* 'Splendens'
 Illustration (flowering period) **82**: 85 (Fig 3)
- P. spurius* 'Tricolor' **76**: 33, **77**: 60-61, **98**: 84-86, **105**: 65
 Illustration **98**: 85 (Figs 19 & 20)
 Illustration (reversion of foliage) **105**: 65 (Fig 9)
- P. spurius* var. *oppositifolius* **59**: 9
- P. stellatus* **41**: 48, **73**: 53-54, **73**: 56, **99**: 11, **111**: 4, **116**: 41-43
 Illustration **78**: cover, **99**: 12 (Fig 16), **116**: 42-43 (Figs 11-14)
- P. stoloniferus* **59**: 10, **71**: 7-9, **72**: 45, **79**: 4, **107**: 2, **118**: 85, **120**: 28-29
 Illustration **120**: 28 (Fig 5)
 Illustration (Flowering) **71**: 7 (Fig 3)
 Illustration (flowering period) **82**: 85 (Fig 3)
- P. takesimense* (see *Sedum takesimense*) **51**: 10-11, **72**: 36-37, **72**: 45, **82**: 83

- Illustration (flowering period) **82**: 85 (Fig 3)
- Pilea perperomioides*** **81**: 75
P. serpyllacea **81**: 75-76
 Illustration **81**: 75 (Fig 16)
- Pistorinia brachyantha*** **82**: 78, **115**: 6-7
 Illustration **82**: cover , **115**: 6 (Fig 8), **115**: 7 (Figs 9a-c)
P. brevifolia **50**: 82
P. brevifolia subsp. *intermedia* **114**: 116
 Illustration **114**: 116 (Figs 29a-c)
P. brevifolia subsp. *intermedia* 'Marie'
 Illustration **31**: 1
- Prometheum aizoon***
 Classification **71**:11
P. chrysanthum **101**: 62
 Classification **71**:11
P. muratdaghense **101**: 62
 Classification **71**:12
 Illustration **71**:12 (Fig 7), **101**: 62 (Figs 3a & 3b)
P. pilosum **59**: 10
 Classification **71**:12
 Illustration **120**: cover
P. rechingeri
 Classification **71**:12
 Illustration **71**:12 (Fig 8)
P. sempervivoides **100**: 52, **109**: 67
 Classification **71**:12
 Distribution map (Turkey) **100**: 53
 Illustration **75**: 21 (Fig 25), **100**:53 (Fig 20)
P. serpentanicum **101**: 60-63, **116**: 48-49
 Classification **71**:12
 Illustration **101**: 61 (Figs 1a & 1b), **101**: 62 (Figs 2 & 3c), **116**: 49 (Figs 25 & 26)
 Illustration (Inflorescence) **116**: 48 (Fig 24)
P. serpentanicum var. *giganteum*
 Illustration **71**:13 (Fig 9)
P. tymphaeum **84**: 42, **86**: 78
 Classification **71**:12
 Illustration **84**: 42 (Fig 11a & 11b), **86**: 78 (Fig 1)
- Pseudosedum campanulifolia*** **39**: 6-7, **58**: 104
 Illustration **58**: 104
P. condensatum **39**: 7, **60**: 25-26
 Illustration **60**: 25
P. fedtschenkoanum **39**: 6-7
 Illustration **39**: centrefold
P. kuramense **59**: 1-2
 Illustration **59**: 1-2

- Rhodiola** **32**: 8, **32**: 13, **33**: 5, **33**: 17, **33**: 19, **34**: 4, **34**: 11, **34**: 24, **35**: 6, **35**: 23-24, **36**: 6-8
- R. algida* **92**: 36
Illustration **92**: 35 (Fig 16), **106**: 100 (Fig 24)
- R. amabilis* (see *Sedum amabile*)
Illustration **51**: 29, **75**: 6 (Fig 4), **81**: 67 (Fig 8), **115**: 25 (Fig 34)
- R. affin. amabilis* (see *R. fui*)
- R. angusta* **104**: 46-47
Illustration **104**: 47 (Figs 21-23)
- R. bupleuroides* (see *Sedum bupleuroides*) **74**: 95-100, **77**: 63-64
Illustration **74**: 100 (Fig 10), **77**: 68 (Fig 18), **77**: 69 (Fig 22)
- R. chrysanthemifolia* **105**: 76-77
Description **104**: 42-43
Illustration **104**: 43 (Fig 18), **105**: 76 (Fig 19)
Illustration (inflorescence) **104**: 42 (Fig 17), **105**: 77 (Fig 20)
- R. coccinea* **93**: 55
Illustration **93**: 56 (Fig 6)
- R. crenulata* **77**: 63
Illustration **77**: 69 (Fig 20 & 21)
- R. cretinii* subsp. *cretinii* **77**: 63-64
Illustration **77**: 67 (Figs 13), **77**: 68 (Figs 17 & 19), **77**: 70 (Fig 23)
- R. discolor*
Illustration **75**: 7 (Fig 5), **75**: 8 (Fig 6)
- R. dumulosa* (see *Sedum dumulosum*) **81**: 67
- R. fastigiata* (see *Sedum fastigiatum*) **77**: 62-63
Illustration **77**: 64 (Fig 6), **77**: 65 (Fig 9), **77**: 66 (Fig 11)
- R. fui* (see *R. affin. amabilis*) **112**: 34-35
Illustration **112**: 34 (Fig 4), **112**: 35 (Fig 5)
- R. handelii* **78**: 97-98
- R. heterodonta*
Illustration **84**: cover
- R. himalensis* (see *Sedum himalense*) **77**: 63
Illustration **77**: 67 (Figs 14, 15 & 16)
- R. hobsonii* **50**: 80, **78**: 97-98
- R. humilis* **78**: 97
- R. integrifolia* (see *Sedum integrifolium*) **55**: 6, **90**: 76, **96**: 40-41, **101**: 64, **106**: 99-100
Illustration **90**: 7 (Fig 2), **96**: 42 (Fig 13), **101**: 64 (Fig 3), **106**: 100 (Fig 21)
- R. integrifolia* subsp. *leedyi* (see *Sedum integrifolium* subsp. *leedyi*) **55**: 6
- R. integrifolia* subsp. *neomexicana* **55**: 7
- R. integrifolia* subsp. *procera* **55**: 7
- R. kirilowii* **77**: 62
- R. linearifolia* (see *Sedum linearifolium*) **93**: 53-55
Illustration **93**: 54 (Fig 3), **93**: 55 (Fig 4)
- R. macrocarpa* **99**: 13-14
Illustration **99**: 13 (Fig 17 & insert)
- R. marginata* **74**: 95-99
Illustration **72**: 101 (Fig 11)
- R. pachyclados* (see *Sedum pachyclados*) **78**: 97-99
- R. prainii* **74**: 95, **74**: 98
- R. primuloides* **78**: 97
- R. quadrifida* **93**: 52-55, **111**: 8

- Illustration **93**: 52 (Figs 1 & 2), **111**: 8 (Fig 6)
- R. rhodantha* (see *Sedum rhodanthum*) **55**: 8, **101**: 66 (Fig 6)
Illustration **101**: 66, **106**: 100 (Fig 23)
- R. rosea* (see *Sedum rosea*) **37**: 5, **38**: 17, **44**: 41, **48**: 33, **48**: 36, **50**: 80, **55**: 8, **82**: 98, **87**: 14-16, **92**: 34-36, **93**: 53, **95**: 6, **107**: 20-21, **115**: 31, **118**: 85, **120**: 36-37, **120**: 48
Illustration **48**: 36, **92**: 34 (Fig 14), **92**: 35 (Fig 15), **95**: 6 (Fig 4), **106**: 100 (Fig 22), **107**: 20 (Fig 28), **114**: Cover, **120**: 37 (Fig 19)
Illustration (aberration) **107**: 20 (Fig 29), **107**: 21 (Fig 30)
Illustration (inflorescence) **107**: 21 (Fig 31)
Propagation **88**: 32-34, **87**: 15 (Fig 12), **88**: 33 (Fig 1)
- R. saxifragoides* **78**: 97
Illustration **78**: 99 (Fig 16)
- R. smithii* **77**: 54-55, **77**: 64, **78**: 97-98
Illustration **77**: 54 (Fig 2), **77**: 70 (Fig 24), **78**: 99 (Fig 15)
- R. sp.* **110**: 101-103
Illustration **110**: 102 (Figs 21, 22, 23 & 24)
Illustration (inflorescence) **110**: 101 (Fig 20), **110**: 103: (Figs 25 & 26)
- R. stapfii* **74**: 95-99
- R. tibetica* **111**: 8
Illustration **111**: 8 (Fig 6)
- R. tsangpoibetanum* **78**: 98
- R. wallichiana* (see *Sedum wallichianum*) **37**: 21, **77**: 62, **111**: 8
Illustration **111**: 8 (Fig 6), **116**: 44-45 (Figs 15-18)
- Rosularia adenotricha*** **53**: 31
- R. aizoon*
Reclassification **71**:11
- R. alpestris* **93**: 55-57
Illustration **93**: 55 (Fig 5), **93**: 57 (Fig 7)
- R. chrysantha*
Reclassification **71**:11
- R. cypria*
Illustration (Postage stamp) **39**: 14
- R. globulariifolia* **60**: 29, **94**: 94-95, **100**: 53, **109**: 68, **111**: 9, **113**: 68-71, **115**: 21-22
Distribution **94**: 94 (Fig 24)
Illustration **94**: 95 (Fig 25), **111**: 9 (Fig 9), **113**: 69 (Fig 15)
- R. palidiflora* **100**: 53, **101**: 76-78, **113**: 69-71
Distribution map (Turkey) **100**: 53
Illustration **101**: 76 (Fig 20), **113**: 70 (Figs 16 & 17)
- R. rechingeri*
Reclassification **71**:12
- R. rosulata* **119**: 16-17
- R. sempervivoides* **72**: 32
- R. sempervivum* **72**: 31-33, **100**: 50, **100**: 52, **111**: 9
Illustration **75**: 5 (Fig 2), **100**: 50 (Fig 16), **111**: 9 (Fig 9)
- R. sempervivum* subsp. *glaucophylla* **80**: 29-30, **100**: 52, **108**: 29
Illustration **80**: 30 (Fig 2), **108**: 30 (Fig 4)
- R. sempervivum* subsp. *pestalozzae* **59**: 7, **80**: 29-30, **109**: 68-69, **113**: 68-71, **114**: 96, **116**: 41
Illustration **59**: 96, **80**: 30 (Fig 3), **113**: 69 (Fig 14), **116**: 41 (Fig 10)

- Illustration (blue form) **109**: 68 (Fig 19)
 Illustration (variation – leaf colour) **114**: 96 (Fig 1)
- R. sempervivum* subsp. *sempervivum* **108**: 28-30
- R. serpentinica* (see *Prometheum serpentinicum*)
- R. serpentinicum*
 Reclassification **71**:12
- R. serpentinicum* var. *giganteum*
 Reclassification **71**:12
- R. serrata* **53**: 29, **59**: 8, **60**: 30-31, **88**: 44
 Illustration **52**: 39
- R. x reginae* **111**: 9
 Illustration **111**: 9 (Fig 8)
- Sedastrum* spp**
 Illustration **94**: 75 (Fig 5), **94**: 76 (Fig 6)
- Sedeveria* 'Liege Commixion'** **33**: 23
 Illustration **33**: centerfold
- S. 'Whitstonecrop'* **29**: 3
 Illustration **30**: 1
- Sedum* [species unknown]**
 Illustration **99**: cover
- S. acre* **9**: 12, **11**: 8, **21**: 11, **22**: 6-7, **22**: 10, **23**: 5, **23**: 8, **23**: 12, **23**: 14-15, **23**: 23, **24**: 23, **25**: 23-24, **27**: 9-11, **27**: 22-24, **29**: 13, **30**: 4, **30**: 6, **31**: 21, **33**: 21, **34**: 6, **34**: 14, **36**: 8, **37**: 5, **37**: 6, **37**: 19, **38**: 5, **39**: 3, **39**: 5, **40**: 18, **42**: 53, **42**: 56, **42**: 71, **43**: 24, **44**: 28-33, **44**: 39, **44**: 43, **44**: 45, **45**: 72, **46**: 88, **46**: 99, **47**: 4, **47**: 15, **47**: 22-23, **48**: 32, **50**: 80, **50**: 85, **53**: 47, **55**: 15-24, **57**: 56-60, **58**: 100-101, **59**: 15-22, **82**: 98, **84**: 30-31, **85**: 61, **87**: 21-22, **91**: 11-12, **101**: 67, **103**: 16-17, **105**: 64, **108**: 26, **108**: 32-33, **109**: 64-65, **112**: 32, **116**: 36-39, **118**: 85, **119**: 12
 Illustration **27**: 23, **41**: 25, **44**: 25, **44**: 52, **49**: 62, **103**: 17 (Fig 19), **105**: 64 (Figs 8a & b), **108**: 26 (Fig x), **109**: cover, **109**: 65 (Fig 14), **116**: 38 (Figs 4 & 5)
 Illustration (Postage Stamp) **92**: 36 (Fig 17)
- S. acre* 'Aureum' **38**: 11
- S. acre* 'Krajinae' **37**: 22
- S. acre* 'Majus' (see *Sedum acre* var. *majus*) **31**: 21
- S. acre* 'Oktoberfest' **74**: 80
 Illustration **74**: 80 (Fig 1)
- S. acre* subsp. *neglectum* **41**: 30
- S. acre* var. *almadii* **41**: 43
- S. acre* var. *macrophyllum* **41**: 43
- S. acre* var. *majus* (see *Sedum acre* 'Majus') **26**: 18
- S. acre* var. *minus* **42**: 56
- S. actinocarpum* **4**: 4, **88**: 30
 Illustration **88**: cover
- S. adolphi* **8**: 6, **25**: 10, **29**: 11, **29**: 14, **30**: 16, **18**: 13, **21**: 24, **31**: 17, **32**: 23, **37**: 10, **38**: 27, **46**: 96, **95**: 23-24
 Illustration **37**: centrefold
 Illustration (comparison of leaves) **95**: 23 (Fig 23)
- S. adolphii* (see *Sedum adolphi*)

- S. aetnense* (see *Sedum tetramerum*) **15**: 12, **37**: 19, **44**: 39, **45**: 72, **52**: 31, **55**: 15-24, **72**: 32-33, **92**: 26, **107**: 18, **108**: 35-36, **112**: 37, **112**: 39
 Distribution in Greece **56**: 49-50
 Distribution in Turkey **108**: 31 (Fig 7), **108**: 36 (Fig 15), **111**: 18 (Fig 22)
 Illustration **55**:56, **56**: 50, **72**: 32 (Fig 6), **107**: 18 (Fig 22), **108**: 35 (Figs 13 & 14), **112**: 39 (Fig 15)
- S. aetnense* var. *aetnense* **41**: 30
 Illustration **41**: 30
- S. aizoon* (see *Phedimus aizoon*) **22**: 9, **22**: 22, **23**: 19, **25**: 27, **31**: 18, **36**: 10, **38**: 3, **38**: 19, **42**: 72
 Illustration **39**: centerfold
- S. aizoon* var. *angustifolium* **38**: 10
- S. alamosanum* **21**: 13
 Illustration **94**: 80 (Fig 14)
- S. albescens* (syn. *Petrosedum albescens*) **50**: 93-94
- S. albomarginatum* **26**: 21, **40**: 2, **40**: 9-10, **89**: 57
 Illustration **40**: 2c, **89**: 55 (Fig 2), **89**: 56 (Figs 2 & 3)
- S. alboroseum* **21**: 23, **25**: 6
- S. alborussum* 'Cream' **32**: 24
- S. album* (see also *S. affin album*) **9**: 12, **16**: 16, **21**: 11, **21**: 19, **21**: 23, **22**: 8, **22**: 19, **22**: 21, **23**: 5, **23**: 8, **23**: 12, **23**: 15, **24**: 23, **26**: 21, **27**: 9-10, **27**: 15, **30**: 11, **30**: 13-15, **32**: 18, **32**: 21, **33**: 4, **34**: 6, **34**: 9, **36**: 7-8, **37**: 4-5, **38**: 5, **38**: 10, **39**: 3, **39**: 5, **40**: 18, **41**: 31, **41**: 48, **42**: 53, **42**: 59, **44**: 29-30, **44**: 33, **44**: 39, **44**: 43, **44**: 45, **45**: 70, **45**: 72, **46**: 87-89, **46**: 94, **46**: 99, **47**: 15, **47**: 22, **48**: 31, **50**: 76, **50**: 79, **50**: 84, **50**: 86, **52**: 38-40, **52**: 4, **55**: 15-24, **56**: 42, **57**: 56-60, **58**: 100-103, **59**: 15-22, **60**: 29-30, **74**: 88, **83**: 5, **84**: 31, **85**: 60, **86**: 77-78, **90**: 79, **90**: 79, **91**: 11-13, **92**: 25-26, **95**: 5, **96**: 32, **97**: 61-62, **100**: 49-50, **101**: 67, **105**: 61, **107**: 17, **108**: 28-30, **109**: 64-65, **111**: 17, **112**: 32, **112**: 35, **113**: 71, **118**: 103, **119**: 11-12, **120**: 47
 Distribution map (Turkey) **111**: 18 (Fig 22)
 Illustration **46**: 94, **74**: 87 (Fig 9), **83**: cover, **85**: 62 (Fig 8), **95**: 8 (Fig 7), **96**: 32 (Fig 5), **97**: 62 (Fig 17), **99**: 8 (Figs 8 & 9), **105**: 61 (Fig 4), **106**: 98 (Fig 18), **108**: 29 (Fig 2)
 Illustration (aerial roots) **118**: 103 (Fig 29)
 Illustration (postage stamp) **99**: 9 (Fig 10)
- S. affin. album* **111**: 4
 Illustration **111**: 6 (Fig 3)
- S. album* 'Athoum' (see *Sedum album* subsp. *athoum*) **52**: 40
 Illustration **52**: 40, **56**: 67
- S. album* 'Bella d'Inverno' **37**: 19, **45**: 70, **49**: 59-60, **60**: 31
 Illustration **49**: 60, **116**: 54 (Fig 33)
- S. album chloroticum* (see *Sedum album* var. *micranthum* var. *chloroticum*) **49**: 59
- S. album* 'Coral Carpet' **50**: 86, **105**: 65
- S. album* 'Faro Form' **30**: 14, **38**: 11, **45**: 54
 Illustration **30**: 15, **110**: 96 (Fig 13)
- S. album* 'Hillebrandtii' **24**: 25
- S. album* 'Ibiza' **30**: 11, **30**: 13, **45**: 54, **46**: 87, **46**: 94, **50**: 84
 Illustration **30**: 12, **50**: 84
- S. album* 'Laconicum' **25**: 23, **25**: 25
- S. album* 'Mighty Macedonian' **109**: 73-75
 Illustration **109**: 73 (Fig 29), **109**: 74 (Fig 30), **109**: 75 (Fig 31)
- S. album* 'Monchique' **117**: 62, **117**: 77

- Illustration **117**: 62 (Fig 5), **117**: 77 (Fig 22)
- S. album* 'Murale' (see *Sedum album* var. *murale*) **36**: 10
- S. album* subsp. *athoum* (see *Sedum album* 'Athoum') **27**: 10
- S. album* subsp. *clusianum* **25**: 25, **41**: 31, **41**: 35
- Illustration **41**: 31
- S. album* subsp. *micranthum* **22**: 21, **39**: 5
- S. album* subsp. *teretifolium* **50**: 76
- S. album* var. *micranthum* var. *chloroticum* (see *Sedum album chloroticum*) **30**: 14
- S. album* var. *murale* (see *Sedum album* 'Murale') **21**: 20
- S. album* var. *pallens* **74**: 88
- S. album turgidum* **100**: 49
- S. alexanderi* **59**: 22-23, **79**: 18-21
- Illustration **79**: 18 (Fig 20), **79**: 19 (Figs 21 & 22)
- S. alfredii* **4**: 4, **41**: 43
- S.* 'Alice Evans' **38**: 27-28, **39**: 24
- Illustration **38**: centrefold
- S. allantoides* **1**: 5, **2**: 4, **3**: 4, **4**: 12, **22**: 3, **38**: 6, **59**: 22-23, **79**: 18-21
- Illustration **22**: 4, **79**: 18 (Fig 19), **79**: 19 (Figs 23 & 24)
- S. allantoides* 'Goldii' **1**: 5, **2**: 4, **3**: 4, **4**: 12, **22**: 3, **22**: 23, **24**: 4, **46**: 89, **59**: 22-23, **79**: 18-21
- Illustration **22**: 4, **79**: 20 (Figs 25 & 26)
- S. alpestre* **21**: 11, **22**: 8, **23**: 19, **25**: 24, **27**: 16, **32**: 30, **33**: 4, **33**: 9, **39**: 5, **39**: 19, **40**: 13, **40**: 19, **42**: 52-53, **44**: 39, **45**: 72, **57**: 58, **58**: 101, **74**: 92-94, **95**: 6, **105**: 63-64, **120**: 49
- Illustration **32**: centrefold, **74**: 93 (Fig 9), **95**: 7 (Fig 6), **105**: 63 (Fig 7), **120**: 49 (Fig 31)
- S. alsinifolium* (see *Sedum fragans*) **21**: 20, **21**: 11, **21**: 24, **23**: 2, **23**: 21, **23**: 23, **24**: 23, **86**: 79-81
- Illustration **23**: 22
- S. altissimum* **26**: 12, **35**: 20, **50**: 93
- S. amabile* **11**: 22
- S. amecamecanum* **38**: 6
- S. ambiflorum* **41**: 43
- S. amplexicaule* (see *Petrosedum amplexicaule*) **26**: 12, **27**: 9-10, **28**: 11, **28**: 16, **28**: 21-22, **30**: 7, **36**: 7-8, **39**: 4-5, **39**: 19, **40**: 13, **40**: 18, **44**: 40, **45**: 72, **50**: 81, **50**: 93
- Cultivation **17**: 16
- S. amplexicaule* subsp. *amplexicaule* (see *Petrosedum amplexicaule* subsp. *amplexicaule*) **28**: 17
- S. amplexicaule* subsp. *ibericum* (see *Petrosedum amplexicaule* subsp. *ibericum*) **30**: 5-8, **31**: 21
- S. amplexicaule* subsp. *tenuifolium* **21**: 11, **21**: 23, **23**: 5, **24**: 6-7, **25**: 6, **25**: 28, **27**: 17, **28**: 6, **37**: 19, **38**: 10, **41**: 31, **50**: 93-94, **52**: 38-39, **55**: 15-24, **58**: 102, **59**: 15-22, **73**: 53
- Illustration **41**: 32, **56**: 65
- S. anacampseros* (see *Hylotelephium anacampseros*) **21**: 11, **21**: 23, **23**: 5, **24**: 6-7, **25**: 6, **25**: 28, **27**: 17, **28**: 6, **37**: 5, **38**: 10
- S. andegavense* **15**: 18-21, **16**: 15, **22**: 20, **32**: 18, **34**: 8-9, **37**: 22, **43**: 14, **44**: 40, **45**: 72, **48**: 31, **50**: 81, **58**: 103, **59**: 15-22, **74**: 92, **113**: 71
- Illustration **15**: 21, **22**: 20, **99**: 17 (Figs 20a & 20b)
- S. andinum* **73**: 67, **76**: 40-42
- Illustration **76**: 41 (Fig 14)

- S. anglicum* **17**: 11, **38**: 5, **39**: 19, **41**: 44, **42**: 71, **44**: 39, **44**: 43-44, **45**: 72, **47**: 4-5, **47**: 15, **49**: 69, **52**: 46, **59**: 15-22, **113**: 71, **115**: 30-31, **116**: 50-51, **120**: 36-37
 Illustration **85**: 68 (Fig 12e), **115**: 30-31 (Figs 41 & 42), **120**: 36 (Fig 17)
- S. anglicum* subsp. *arenarium* **34**: 6, **34**: 9, **38**: 21
- S. anglicum* subsp. *pyrenaicum* **38**: 11, **44**: 39
- S. anglicum* **16**: 14, **17**: 11, **21**: 20, **21**: 23, **22**: 22, **23**: 5, **26**: 16, **30**: 15
 Illustration **5**: 7
- S. anglicum* var. *minus* **23**: 5
- S. angustifolium* **49**: 57-58
- S. annuum* **21**: 11, **22**: 9, **23**: 19, **24**: 23, **24**: 24, **26**: 8, **27**: 10, **27**: 16, **27**: 20, **29**: 23, **32**: 20, **33**: 9, **34**: 23, **36**: 6, **37**: 5, **39**: 5, **40**: 18, **42**: 52-53, **42**: 56, **42**: 71, **43**: 8, **44**: 39, **45**: 72, **55**: 15-24, **56**: 43-45, **58**: 100, **59**: 15-22, **74**: 92, 79: 4, **83**: 7, **84**: 28, **85**: 61, **91**: 13, **95**: 7, **102**: 100-103, **115**: 17, **118**: 104, **119**: 11-12
 Illustration **55**: 56, **55**: 59, **85**: 63 (Fig 10c), **102**: 102 (Fig 13), **105**: cover, **118**: 107 (Fig 35), **120**: 47 (Fig 29)
 Illustration (Detail) **72**: 30 (Fig 4), **102**: 103 (Fig 14)
 Illustration (Habitat) **72**: 30 (Fig 3)
- S. anomalum* **29**: 14
- S. anomoiosepalum* **29**: 3
- S. anopetalum* **22**: 17, **23**: 5, **23**: 8, **24**: 23, **26**: 12, **28**: 12, **41**: 43
- S. anopetalum* subsp. *montanum* **26**: 12
- S. aoikon* **34**: 15, **35**: 22
- S. apoleipon* **38**: 18, **40**: 18
- S. arboreum* **29**: 13
- S. arenarium* **58**: 103, **59**: 15-22, **113**: 71-72
 Illustration **113**: 72 (Fig 19)
- S. arcticum* (now a form of *Rhodiola rosea*) **17**: 8-11
 Illustration **17**: 9
- S. arizonae* **41**: 43
- S. atlanticum* **38**: 16
- S. atratum* **21**: 11, **22**: 8, **37**: 5, **38**: 17, **40**: 18, **41**: 44, **42**: 52, **44**: 30, **44**: 40, **45**: 72, **47**: 15, **48**: 31, **48**: 36, **57**: 58, **58**: 100, **59**: 15-22, **91**: 14, **95**: 6-7, **109**: 64-67, **120**: 48-49
 Illustration **48**: 36c, **91**: 14 (Fig 11), **95**: 7 (fig 5), **109**: 66 (Figs 17, 18a & 18b)
- S. atratum* subsp. *carinthiacum* **37**: 6-7
- S. atratum* var. *atratum* **37**: 8, **42**: 53
- S. atropurpureum* **34**: 24
- S. australe* **23**: 7, **41**: 43, **97**: 48-52
- S. aytacianum* (see *Sedum hispanicum*) **33**: 15-16, **48**: 46, **71**: 5-6, **72**: 45, **79**: 4, **84**: 40, **101**: 78-80
 Illustration **33**: centrefold, **71**: 5 (Fig 2), **84**: 40 (Fig 10), **101**: 78 (Fig 22), **101**: 79 (Figs 23-24)
- S. balfourii* **31**: 17
- S. batallae* **8**: 18, **24**: 10, **25**: 4
 Illustration **8**: 18
- S. berillonianum* **76**: 39
- S. beyrichianum* **5**: 14
- S. bithynicum* **27**: 10, **34**: 8, **44**: 33, **59**: 10, **96**: 28
 Illustration **96**: 29 (Fig 2)
- S. bithynicum* subsp. *bithynicum* **71**: 6
- S. bithynicum* subsp. *pallidum* **71**: 6-10, **79**: 4

- S. boehmeri* **34**: 12
- S. boloniense* **26**: 13, **27**: 22
- S. bonsaovae* **34**: 12, **38**: 11, **38**: 18
- S. booleanum* **42**: 66, **43**: 12, **44**: 48
 Illustration **43**: 12c,
 Illustration (Flowering) **71**: cover
- S. borissovae*
 x *Sedum luteolum* **22**: 17
- S. borschii* **24**: 11-13, **26**: 6, **36**: 18, **55**: 6
 Illustration **76**: 43 (Fig 15 – inset)
- S. borschii* 'Anna Schallock' **38**: 18, **81**: 67
- S. botteri* **41**: 43
- S. bourgaei* **10**: 3, **24**: 3, **29**: 12, **37**: 13, **38**: 6, **46**: 107, **106**: 103, **116**: 46-48
 Illustration **24**: 1, **106**: 103 (Fig 27), **116**: 46 (Fig 20), **116**: 48 (Figs 22 & 23)
 Illustration (Botanical plate) **116**: 47 (Fig 21)
- S. bracteatum* **20**: 4-5
- S. brevifolium* **16**: 15, **21**: 23, **22**: 21, **23**: 5, **26**: 16, **30**: 8, **31**: 21, **32**: 18, **32**: 20, **33**: 4, **33**: 8, **34**: 8, **34**: 11, **39**: 5, **43**: 13, **44**: 30, **44**: 40, **45**: 72, **47**: 15, **47**: 22, **48**: 32, **48**: 46, **50**: 81, **58**: 101, **59**: 15-22, **94**: 94, **97**: 64, **101**: 67, **113**: 71-72
 Cultivation **18**: 19
 Illustration **97**: 64 (Fig 26), **113**: 72 (Figs 20 & 21), **117**: 78 (Fig 23)
 Illustration (flower) **51**: 29
- S. brevifolium* 'Quiquefarium' **23**: 5, **38**: 11
- S.* 'Bridgie'
 Description **91**: 5-7
 Illustration **91**: 6 (Figs 3 & 4)
- S. brissemoretii* **24**: 9-10, **44**: 36, **45**: 60-67, **47**: 4-6, **47**: 8-10, **47**: 12, **49**: 67, **49**: 70, **49**: 72
 Illustration **45**: 65c, **47**: 12c
- S. bulbiferum* **41**: 43
- S. bupleuroides* (see *Rhodiola bupleuroides*) **26**: 4, **26**: 16
- S. burrito* **6**: 6, **24**: 4-5, **26**: 18, **42**: 57, **46**: 96, **94**: 73
 Illustration **6**: 7, **94**: 94: 73 (Fig 1), **94**: 74 (Fig 3)
- S. caducum* **38**: 18, **43**: 20
 Description **11**: 20-21
 Illustration **11**: 21
- S. caeruleum* **13**: 22, **22**: 19, **22**: 21, **26**: 21-22, **32**: 17-18, **33**: 4, **35**: 9, **36**: 7-8, **37**: 19, **39**: 7, **41**: 32, **42**: 53, **47**: 22, **50**: 76, **50**: 78- 79, **50**: 84, **78**: 81-84, **90**: 92, **106**: 97, **110**: 89-93, **111**: 5, **112**: 33
 Illustration **33**: 4, **50**: 84c, **75**: 14 (Fig 15), **78**: 82 (Fig 3), **106**: 97 (Fig 17), **111**: 5 (Fig 2), **111**: 6 (Fig 4)
- S. caespitosum* **15**: 18-21, **22**: 19-21, **24**: 15, **24**: 23, **27**: 9, **27**: 16, **30**: 5-7, **34**: 8-9, **36**: 7, **37**: 19, **37**: 22, **40**: 18, **41**: 33, **42**: 52-53, **44**: 40, **45**: 72, **48**: 31, **50**: 81, **55**: 15-24, **56**: 47, **58**: 103, **59**: 15-22, **73**: 53, **74**: 90-91, **92**: 26, **99**: 12, **111**: 10, **113**: 72, **118**: 104
 Distribution (Malta) **110**: 92 (Fig 8)
 Illustration **15**: 19, **22**: 20, **41**: 33, **52**: 46, **55**: 59, **74**: 91, **107**: 16-18, **108**: 36 (Fig 16b), **110**: 90 (Fig 6), **110**: 91 (Fig 7), **110**: 92 (Figs 9 & 10), **111**: 11 (Fig 10), **118**: 107 (Fig 35)
- S. calcicola* **43**: 20
- S. candollei* **44**: 40, **45**: 72

- S. 'Canny Hinny'
Description **94**: 73-75
Illustration **94**: 73 (Fig 2), **93**: 74 (Figs 3-5)
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- S. fabaria* (see *Sedum telephium* subsp. *fabaria* and *Hylotelephium telephium* subsp. *telephium*) **2**: 3, **22**: 6, **23**: 8, **23**: 14
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- S. jaccardianum* **32**: 8-12, **35**: 9-10, **38**: 16, **39**: 21
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- S. jaeschkei* (syn. *S. oreades*) **114**: 100-101
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- S. jahandiezii* **47**: 5, **49**: 69
- S. jaliscanum* **22**: 14-15
- S. japonicum* **26**: 16, **29**: 13, **38**: 11, **39**: 19, **45**: 69, **48**: 35
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- S. japonicum* var. *pumilum* **77**: 52
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- S. japonicum* subsp. *boninese* **77**: 52
- S. japonicum* subsp. *japonicum* **77**: 52
- S. japonicum* subsp. *japonicum* var. *senanense* **77**: 52
- S. japonicum* subsp. *oryzifolium* **77**: 52
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- S. japonicum* subsp. *japonicum* var. *oryzifolium* (see *S. japonicum* subsp. *oryzifolium*) **77**: 52
- S. japonicum* subsp. *oryzifolium* (see *S. japonicum* subsp. *japonicum* var. *oryzifolium*) **112**: 49
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- S. japonicum* subsp. *uniflorum* **77**: 52
- S. jiuhuashanense* **49**: 57-58
- S. jujuyense* **73**: 59-60, **73**: 68, **73**: 70-72, **74**: 91
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- S. jurgensenii* **46**: 107,

- S. jurgensenii* ssp. *attenuatum* **114**: 102-105
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- S. jurgensenii* ssp. *jurgensenii* **114**: 102-105
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- S. kamtschaticum* **21**: 3, **21**: 19, **31**: 19, **34**: 6, **35**: 11, **38**: 10-11, **39**: 7, **39**: 19, **44**: 33,
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- S. kamtschaticum* var. *floriferum* **31**: 19, **34**: 6, **39**: 3
- S.* 'Keston' **35**: 23-24, **35**: 23
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- S. kimnachii* **54**: 80
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- S. kirilowii* **35**: 24
- S. kirilowii* var. *rubrum* **35**: 24, **45**: 56
- S. kiusianum* (see *Sedum polytrichoides*) **96**: 38
- S. kostovii* **25**: 23, **38**: 18, **41**: 43
- S. krajinae* **22**: 7, **22**: 10, **44**: 32
- S. laconicum* **24**: 24, **25**: 23-25, **27**: 9, **27**: 15-16, **35**: 6, **40**: 14-18, **40**: 23-24, **41**: 48, **44**:
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- S. laconicum* var. *idaeum* (see *Sedum idaeum*) **25**: 23
- S. laconicum* var. *insulare* **27**: 9, **27**: 15, **40**: 18, **52**: 38-40, **53**: 31-32
- S.* 'Ladislav Hlavaty' **29**: 22, **34**: 3, **35**: 5, **36**: 6
- S. lagascae* **21**: 6-7, **32**: 13, **44**: 40, **45**: 72
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- S. lampusae* **27**: 20-21, **32**: 11, **38**: 19, **39**: 8-16
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- S. lanceolatum* **22**: 22, **40**: 10, **41**: 43, **45**: 69, **45**: 70, **55**: 7, **73**: 74, **89**: 57, **92**: 31,
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- S. lanceolatum* subsp. *nesioticum* **55**: 7
- S. lanceolatum* subsp. *subalpinum* **55**: 7, **108**: 48
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- S. lancerottense* **41**: 43, **45**: 60, **47**: 4, **47**: 6, **47**: 8-10, **47**: 12, **49**: 67, **49**: 71, **102**: 95-99
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- S. laxum* **4**: 16, **23**: 6, **37**: 22, **37**: 24, **38**: 18, **38**: 21-22, **40**: 9, **55**: 7
- S. laxum* subsp. *eastwoodiae* **38**: 22, **55**: 7
- S. laxum* subsp. *flavidum* **38**: 22, **87**: 8-10
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- S. laxum* subsp. *heckneri* **23**: 6, **38**: 22, **45**: 58, **55**: 7, **88**: 40
- S. laxum* subsp. *latifolium* **55**: 7, **87**: 13-14
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- S. laxum* subsp. *laxum* **38**: 22, **88**: 39
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- S. leveilleanum* **49**: 51
- S. liebmannianum* **27**: 5, **41**: 43
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- S. lineare* **21**: 5, **21**: 24, **23**: 16-17, **29**: 13, **34**: 12, **39**: 19, **46**: 97, **48**: 28, **49**: 57-58
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- S. lineare* var. *variegatum* **22**: 22, **38**: 10, **46**: 96
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- S. linearifolium* (see *Rhodiola linearifolia*) **8**: 3, **11**: 22, **28**: 23
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- S.* 'Little Gem' **18**: 10-12, **38**: 7, **42**: 57, **42**: 59
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- S. litorale* **38**: 10-11, **39**: 19, **41**: 28
- S. litoreum* **25**: 24, **27**: 9-10, **27**: 16, **37**: 19, **39**: 7, **40**: 13-18, **41**: 36, **41**: 48, **52**: 7, **56**: 43-45, **73**: 53-54, **73**: 56, **74**: 82, **88**: 44, **103**: 12-18, **111**: 10, 115: 4-5
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- S. litoreum* var. *creticum* **41**: 48, **52**: 37, **52**: 40, **53**: 30, **56**: 43-45, **74**: 83, **81**: 63
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- S. longibracteatum* **24**: 14-15, **25**: 28, **30**: 20, **80**: 29
- S. longipes* **22**: 15, **30**: 17, **46**: 96
- S. longipes* var. *rosulare* **41**: 43
- S. lucidum* **26**: 18, **38**: 27-28, **46**: 96, **87**: 4
- S. lucidum* 'Obesum' **42**: 60, **42**: 72
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- S. magellense* **27**: 9-11, **53**: 30, **81**: 64, **86**: 78, **109**: 69
- S. magellense* subsp. *olympicum* **27**: 9, **40**: 18, **56**: 41, **91**: 13, **92**: 22, **92**: 25
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- S. makinoi* **21**: 5, **21**: 21-22, **23**: 16, **39**: 19, **41**: 43, **57**: 61-68
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- S. maximum* subsp. *jullianum* **22**: 10
- S. maximum* subsp. *maximum* **22**: 5
- S. maximum* subsp. *ruprechtii* **22**: 10
- S. maximum* subsp. *scherfellii* **22**: 10
- S. melantherum* **30**: 8, **38**: 12, **44**: 39, **45**: 72, **47**: 4-5, **49**: 69

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- S. mellitulum* **27**: 7, **38**: 7
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- S. mexicanum* **21**: 21, **22**: 17, **22**: 20, **22**: 22, **26**: 16, **26**: 18, **32**: 21, **40**: 17, **47**: 23, **57**: 61-68, **73**: 57, **84**: 36
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- S. microsepalum* **4**: 5
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- S. montanum* subsp. *orientale* (see *Petrosedum montanum* subsp. *orientale* and also *Sedum thartii*) **26**: 12, **42**: 53, **48**: 32, **98**: 83
- S. 'Moon Glow'* **23**: 6, **45**: 58-59, **50**: 86
- S. moranense* **25**: 8, **26**: 18, **29**: 13, **35**: 21, **38**: 8, **41**: 46, **50**: 85
- S. moranii* **5**: 17, **23**: 6, **38**: 21, **40**: 1, **40**: 9-10, **55**: 7, **88**: 38
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- S. morganianum* **6**: 6, **7**: 19, **24**: 4-5, **20**: 3, **38**: 6, **46**: 96, **115**: 2
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- S. morrisonensis* **37**: 22, **41**: 28
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- S. muscoideum* **26**: 16, **29**: 17, **34**: 15
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- S. nanifolium* **8**: 9, **27**: 7, **41**: 43, **42**: 61-62, **42**: 65
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- S. nicaeense* **15**: 6, **22**: 19, **26**: 12, **26**: 21-22, **28**: 12, **35**: 13, **35**: 20, **39**: 7, **50**: 93
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- S. nussbaumerianum* **8**: 6, **25**: 10, **37**: 10, **37**: 13, **38**: 7, **46**: 89, **46**: 96, **87**: 27, **95**: 23
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- S. nuttallianum* **3**: 8, **29**: 14, **42**: 61-62, **55**: 7, **106**: 85-92
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- S. oblongeolatum* **5**: 17, **38**: 22, **40**: 9-10, **55**: 7, **88**: 35, **88**: 40
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- S. obtusatum* **19**: 20-22, **23**: 6, **24**: 12, **26**: 19, **37**: 22, **38**: 21-22, **40**: 9, **53**: 39, **55**: 7
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- S. obtusatum* subsp. *obtusatum* **38**: 23
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- S. obtusatum* subsp. *paradisum* **38**: 20, **38**: 23

- S. obtusatum* subsp. *retusum* **38**: 23, **55**: 7, **88**: 40
- S. obtusifolium* (see *Phedimus obtusifolium*) **32**: 4, **41**: 28, **48**: 46
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- S. ochroleucum* (see *Petrosedum ochroleucum*) **21**: 16, **23**: 5, **26**: 12, **28**: 11-12, **28**: 19-22, **37**: 5, **37**: 19, **38**: 10-11, **39**: 5, **40**: 13-14, **40**: 18, **41**: 36, **42**: 53, **44**: 30, **44**: 40, **48**: 46, **50**: 93-94, **55**: 15-24, **56**: 42, **57**: 56-60, **58**: 101, **59**: 15-22, **73**: 55, **120**: 23
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- S. oreganum* subsp. *tenue* **50**: 86, **55**: 8
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- S. purpureoviride* **34**: 24
- S. purpureum* **22**: 5, **23**: 14
- S. purpureum* 'Autumn Joy' **23**: 15, **25**: 7
- S. purpusii* **8**: 13, **26**: 16, **28**: 29
- S. pusillum* **43**: 17-18, **55**: 8
- S. quevae* **21**: 22, **38**: 10
- S. radiatum* **35**: 11, **55**: 8, **56**: 34
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- S. radiatum* subsp. *ciliolum* **55**: 8
- S. radiatum* subsp. *depauperatum* **55**: 8, **88**: 40
- S. reflexum* **21**: 3, **22**: 7, **22**: 19, **23**: 5, **23**: 12, **23**: 15, **26**: 12, **28**: 22, **44**: 45, **46**: 99, **50**: 93
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- S. reflexum* subsp. *glaucescens* **22**: 10
- S. reflexum* subsp. *glaucum* **22**: 7
- S. reflexum* var. *albescens* **3**: 11, **13**: 19, **28**: 22
- S. reniforme*
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- S. reptans* **9**: 3-4, **26**: 24, **27**: 3, **27**: 7-8, **38**: 7-8, **43**: 20
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- S. reptans* subsp. *carinatifolium* **9**: 4, **27**: 7-8, **37**: 22, **41**: 28, **42**: 61-63
- S. reptans* subsp. *reptans* **27**: 7-8, **42**: 61-62
- S. reticaule* **26**: 4
- S. retusum* **110**: 88
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- S. rhodanthum* (see *Rhodiola rhodantha*) **28**: 24
- S. rhodocarpum* **25**: 26, **41**: 43, **81**: 60-61
- S. rhodocarpum* subsp. *edwardii* **10**: 17, **25**: 26
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- S. rhodopaeum* **105**: 61(see *S. album*)
- S. rivasgodayi* **44**: 40
- S. rivulare* **30**: 10, **47**: 5
- S. robertsianum* **3**: 6, **34**: 24, **38**: 7, **42**: 61-62, **42**: 65
- S. robustum* **44**: 32
- S.* 'Rockery Challenger' **91**: 7-8
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- S. rohlenae* **44**: 32
- S.* 'Rolling Rock' **104**: 33-35
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- S.* 'Ron Evans'
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- S. rosea* (see *Rhodiola rosea*) **17**: 8-11, **21**: 11, **21**: 16, **21**: 19, **22**: 9, **23**: 19, **25**: 5, **28**: 24, **38**: 5, **38**: 11, **42**: 55, **44**: 51
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- S. roseum* **23**: 13, **23**: 15, **46**: 91
- S. rosulatobulbosum* **39**: 19
- S. rotundifolium* **26**: 4, **28**: 3, **28**: 6-7, **48**: 46
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- S. rubens* **22**: 9, **22**: 19-20, **27**: 10-11, **27**: 16, **30**: 4-5, **34**: 23, **36**: 7-8, **38**: 17, **38**: 25-26, **39**: 5, **40**: 17-18, **41**: 36, **41**: 48, **42**: 52-53, **44**: 39, **45**: 72, **46**: 88, **47**: 3-4, **47**: 21, **49**: 67-68, **50**: 76, **50**: 81, **52**: 39, **55**: 15-24, **56**: 43-45, **60**: 30-31, **74**: 82-83, **83**: 6, **85**: 61, **86**: 77-78, **92**: 26, **97**: 63-64, **99**: 10-11, **107**: 16-18, **107**: 21, **111**: 5, **111**: 10, **111**: 17, **112**: 35, **112**: 39, **115**: 4-5, **115**: 13, **118**: 104
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- S. rubens* subsp. *delicum* **27**: 10, **40**: 18, **41**: 48
- S. rubens* subsp. *diploheptasoma* **60**: 29
- S. rubens* subsp. *rubens* **41**: 38
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- S. rubens* var. *cosyrense* **37**: 19, **41**: 39
- S.* 'Rubromucronatum' **4**: 4
- S. rubroinctum* **17**: 14, **29**: 14, **30**: 3
- S. rubroinctum* 'Aurora' **27**: 3
- S. rupestre* (see *Petrosedum rupestre*) **21**: 20, **22**: 7, **26**: 12, **27**: 2, **28**: 8, **28**: 10-11, **28**: 19, **28**: 21, **28**: 8, **30**: 20, **34**: 6, **35**: 20-21, **39**: 5, **39**: 19, **41**: 38, **42**: 53, **44**: 30, **44**: 33, **44**: 40, **44**: 43, **44**: 45, **45**: 72, **46**: 87, **47**: 15, **48**: 32, **48**: 44, **48**: 46, **50**: 93-94, **58**: 100-101, **59**: 15-22
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- S. rupestre* subsp. *erectum* (see *Petrosedum rupestre* subsp. *erectum*) **28**: 14-15, **28**: 18, **28**: 20, **48**: 32
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- S. rupestre* subsp. *reflexum* **22**: 10
- S. rupestre* subsp. *rupestre* (see *Petrosedum rupestre* subsp. *rupestre*) **42**: 53-54
- S. rupestre* 'Sea Gold' **37**: 19
- S. rupicola* **55**: 8
- S. rupicolum* **41**: 43
- S.* 'Sandra Mottram' **42**: 60, **42**: 72, **87**: 4
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- S. rupifragum* **38**: 18
- S. salazarii*
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- (Figs 26 & 27)
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- S. samium* **15**: 12, **40**: 18
- S. samium* subsp. *micranthum* **107**: 21-22
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- S. samium* subsp. *samium* **112**: 36-37, **112**: 39
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- S. sanguineum* **41**: 48
- S.* 'Santa Barbara'
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- S. sarmentosum* **13**: 22, **21**: 5, **21**: 21-24, **23**: 5, **23**: 16-18, **27**: 8, **28**: 31, **29**: 13, **38**: 9-11, **39**: 19, **40**: 17, **42**: 52-53, **48**: 27-28, **49**: 57-58, **53**: 42, **57**: 61-68, **112**: 32
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- S. sarmentosum* subsp. *hillebrandtii* **22**: 8
- S. sarmentosum* 'lijima' **48**: 29, **48**: 36
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- S. sartorianum* **48**: 28
- S.* 'Schorbusser Blut' **45**: 58, **46**: 91
- S. scopulinum* **46**: 107
- S. sedifolium* **78**: 83
- S. sediforme* (see *Petrosedum sediforme*) **21**: 12, **26**: 12, **27**: 10, **27**: 12, **28**: 9, **28**: 11-12, **28**: 19, **28**: 21-23, **30**: 4-7, **30**: 20, **32**: 9, **35**: 13-21, **36**: 7-8, **37**: 19, **37**: 24, **38**: 9-12, **39**: 5, **40**: 14-16, **40**: 18, **41**: 39, **42**: 52-53, **44**: 30, **45**: 72, **46**: 86-87, **46**: 89, **46**: 97, **47**: 15, **47**: 24, **48**: 46, **50**: 75-76, **50**: 78, **50**: 80-85, **50**: 93-94, **57**: 5-60, **58**: 101-102, **59**: 15-22, **60**: 30, **73**: 53, **73**: 55-56, **77**: 56-59
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x Sedum montanum **21**: 12
- S. sediforme* var. *dianum* **44**: 40, **80**: 43-44
- S. sedoides* **39**: 14, **102**: 94-95
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- S. sekiteiense* **4**: 5, **38**: 11, **48**: 35-36
- S. selskianum* (see *Sedum selskianum*) **41**: 28, **43**: 12
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- S. selskianum* (see *Sedum selskianum*) **37**: 13, **38**: 11
- S. semenowii* **28**: 24
- S. sempervoides* **22**: 17, **32**: 12
- S. series* 'Anglica' **49**: 67-69
- S. series* 'Macronesia' **49**: 69
- S. serpentinei* **5**: 4, **40**: 18, **41**: 48
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- S. sexangulare* **21**: 11, **21**: 19, **22**: 6-7, **25**: 23, **25**: 27, **26**: 13, **27**: 22-24, **29**: 13, **34**: 6, **35**: 11, **37**: 4-6, **42**: 53, **42**: 59, **42**: 71, **44**: 28, **44**: 33, **44**: 43, **44**: 45, **48**: 31-32, **50**: 85, **58**: 100, **59**: 15-22, **74**: 89, **84**: 30, **87**: 21-22, **95**: 5, **98**: 73, **109**: 64-65, **118**: 85
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- S. sexangulare* subsp. *boloniense* **22**: 10
- S. sexangulare* subsp. *hillebrandtii* **22**: 10

- S. sexangulare* var. *polonicum* **41**: 43
- S. shearer* **49**: 58
- S. sichotense* **38**: 11
- S. sieboldii* (see *Hylotelephium sieboldii*) **21**: 23, **22**: 17, **23**: 7, **23**: 20, **24**: 20, **25**: 27, **28**: 7, **31**: 21, **38**: 11, **46**: 97
- S. sieboldii* var. *variegatum* **38**: 11
- S. sikokianum* **49**: 51
- S.* 'Silver Moon' **21**: 23, **25**: 7, **38**: 18, **45**: 59
- S. sinuatum* **15**: 22, **33**: 17
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- S. smallii* **43**: 18
- S. soluntinum* **50**: 93
- S. sorgerae* (see *Sedum confertiflorum*) **15**: 12, **72**: 33-34
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- S.* sp. Lau 081 **27**: 6
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- S.* sp. novae (Comaltepec, Mexico)
Description **109**: 60-63
Illustration **109**: 61 (Fig 8), **109**: 62 (Fig 10)
Illustration (habitat) **109**: 63 (Fig 12)
Illustration (inflorescence) **109**: 62: (Figs 9a & b)
- S.* sp. RBGE 763791 **4**: 4
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- S.* sp Sierra Nevada **29**: 15
- S. spathulifolium* **4**: 15, **21**: 13, **21**: 23, **23**: 6, **24**: 12, **29**: 15, **31**: 20, **38**: 11, **38**: 18, **39**: 19-21, **40**: 9, **41**: 28, **45**: 58, **46**: 97, **50**: 85, **55**: 4-10, **87**: 8-14, **88**: 38, **89**: 57, **90**: 76
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- S. spathulifolium* 'Cape Blanco' (see *Sedum* 'Cape Blanco') **23**: 6, **39**: 18, **44**: 38
- S. spathulifolium* 'Carnea' **23**: 6
- S. spathulifolium* 'William Pascoe' **39**: 17
- S. spathulifolium carneum* **50**: 88
- S. spathulifolium* subsp. *pruinatum* **23**: 6, **55**: 4-10
- S. spathulifolium* subsp. *purdyi* **55**: 8, **87**: 10-11, **89**: 52
Illustration **87**: 10 (Fig 6)
- S. spathulifolium* subsp. *spathulifolium* **87**: 10-14
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- S. spathulifolium* subsp. *yosemitense* **55**: 8
- S. spectabile* (see *Hylotelephium spectabile*) **21**: 23, **22**: 9, **25**: 8, **28**: 3, **29**: 13, **31**: 18, **32**: 24, **35**: 11
- S. spectabile* 'Iceberg' (see *Hylotelephium spectabile* 'Iceberg') **37**: 21
- S. spectabile* 'Stardust' (see *Hylotelephium spectabile* 'Stardust') **28**: 29, **32**: 24
- S. spinosum* **37**: 7, **38**: 16, **41**: 44, **44**: 48
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- S.* 'Spiral Staircase' **26**: 17-18, **30**: 18, **38**: 7, **41**: 46-47
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- S. spurium* **21**: 3, **21**: 19, **21**: 23, **22**: 9, **25**: 8, **26**: 8, **31**: 20, **32**: 14, **34**: 6, **35**: 11, **37**: 5, **38**: 11, **39**: 19, **41**: 43, **42**: 52-53, **42**: 57, **42**: 72, **44**: 33, **44**: 43, **45**: 69, **46**: 91, **48**: 28, **48**: 32-33, **50**: 85
- S. spurium* subsp. *ibericum* **41**: 43
- S. spurium* 'Coccineum' **32**: 14

- S. spurium* 'Dragon's Blood' **36**: 3
- S. spurium* 'Schorbusser Blut' **31**: 20
- S. spurium* 'Tricolour' (see *Sedum spurium* 'Tricolor') **42**: 57, **42**: 59, **48**: 28
- S. spurium* 'Tricolor' (see *Sedum spurium* 'Tricolor') **28**: 29, **32**: 14
- S. stahlii* **27**: 3-5, **30**: 3, **31**: 22, **35**: 21, **35**: 22, **38**: 8, **42**: 59, **46**: 93, **46**: 98, **48**: 45
Illustration **83**: 20 (Fig 12)
- S. stefco* **38**: 10-11, **40**: 18, **52**: 31, **55**: 12-13, **56**: 42, **84**: 28-29, **92**: 26
Illustration **55**: 1, **75**: 5 (Fig 1), **84**: 29 (Fig 1)
- S. stellatum* (see *Phedimus stellatus*) **22**: 19-20, **32**: 17-18, **33**: 4-5, **34**: 23, **35**: 11, **37**: 19, **37**: 24, **38**: 9, **38**: 11, **40**: 14-15, **40**: 18, **41**: 38, **41**: 48, **42**: 52-53, **43**: 8, **43**: 11, **44**: 40, **44**: 43, **45**: 72, **47**: 22, **50**: 76, **50**: 78, **50**: 80-81, **50**: 83, **73**: 53
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- S. stelliforme* **38**: 7
- S. stenopetalum* **4**: 16, **26**: 6, **29**: 13, **30**: 19, **41**: 43, **55**: 9, **55**: 34
- S. stenopetalum* subsp. *monanthum* **55**: 9
- S. stenopetalum* subsp. *radiatum* **41**: 43
- S. steudelii* **15**: 14, **30**: 20, **72**: 29, **80**: 28-29
Illustration **72**: 29 (Fig 2), **80**: 28 (Fig 1), **103**: 2
- S.* 'Stewed Mountain Rhubarb' **36**: 19, **37**: 21
- S. stoloniferum* **32**: 14, **35**: 11, **38**: 11, **39**: 19, **41**: 43, **44**: 43
- S. subcapitatum* **4**: 4
- S. subulatum* **72**: 29-30, **72**: 35
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- S. surculosum* **35**: 9-10, **38**: 12-13
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- S. surculosum* var. *fuscum* **38**: 15
- S. surculosum* var. *luteum* **38**: 15-16, **59**: 4-5
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- S. surculosum* var. *surculosum* **38**: 15
- S.* 'Takahira Dake' **34**: 12
- S.* 'Takari Dake' **34**: 12
- S. takasui* **31**: 15, **47**: 16-18, **47**: 20, **50**: 95-96
- S. takesimense* (see *Phedimus takesimensis*) **37**: 19, **38**: 11, **39**: 19, **46**: 97
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- S. tamaulipense* **42**: 62
- S. taquetii* **25**: 6
- S. tatarinowii* (see *Hylotelephium tatarinowii*) **21**: 23, **24**: 19-20, **28**: 6, **29**: 22, **45**: 58, **45**: 66
x Sedum populifolium **24**: 20, **29**: 22
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x Sedum sieboldii **24**: 22
- S. tatarinowii* 'Sunset Cloud' (see *Hylotelephium tatarinowii* 'Sunset Cloud') **24**: 19, **25**: 28
- S. tetractinum* **21**: 21-22
- S. telephioides* (see *Hylotelephium telephioides*) **29**: 13, **37**: 21, **41**: 27, **42**: 69
- S. telephium* (see *Hylotelephium telephium*) **21**: 11, **22**: 6, **22**: 10, **23**: 13-14, **23**: 19, **24**: 6, **24**: 13, **24**: 19, **25**: 6, **26**: 4, **28**: 7, **29**: 13, **41**: 27, **41**: 48, **43**: 24, **44**: 33, **44**: 43-44, **45**: 66, **46**: 101, **46**: 104-105, **50**: 95
- S. telephium* subsp. *fabaria* (see *Hylotelephium telephium* subsp. *fabaria* and *Sedum fabaria*) **22**: 6, **38**: 11, **39**: 19, **45**: 66

- S. telephium* subsp. *fabaria* var. *caucasicum* (see *Hylotelephium. telephium* subsp. *maximum* var. *caucasicum*) **46**: 104
- S. telephium* subsp. *maximum* (see *Hylotelephium telephium* subsp. *maximum*) **25**: 6, **36**: 6, **37**: 4, **38**: 11, **38**: 19, **39**: 5, **40**: 18, **42**: 53, **46**: 101-105, **47**: 24, **48**: 34, **48**: 36,
- S. telephium* subsp. *maximum* var. *atropurpureum* (see *Hylotelephium telephium* subsp. *maximum* var. *atropurpureum*) **31**: 18, **40**: 17, **46**: 90
- S. telephium* subsp. *purpurascens* **22**: 10
- S. telephium* subsp. *ruprechtii* (see *Hylotelephium telephium* subsp. *ruprechtii*) **37**: 21, **46**: 97, **48**: 38
- S. telephium* subsp. *telephium* **31**: 18
- S. telephium* var. *borderi* **24**: 13
- S. telephium* 'Arthur Branch' (see *Hylotelephium* 'Arthur Branch') **37**: 21
- S. telephium* 'Autumn Joy' **38**: 11
- S. telephium* 'Indian Chief' (see *Hylotelephium* 'Indian Chief' and syn. *Hylotelephium* 'Herbstfreude') **13**: 22
- S. tenellum* **33**: 5, **33**: 15, **37**: 21, **44**: 30, **79**: 15-17
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- S. tenuifolium* **26**: 12, **27**: 10, **27**: 15, **28**: 17, **47**: 15, **50**: 94
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- S. ternatum* **9**: 6, **10**: 13, **21**: 19, **31**: 20, **41**: 27, **42**: 69, **55**: 4-10
- S. tetractinum* **20**: 4-5, **32**: 8, **32**: 11, **37**: 15, **39**: 8, **40**: 18, **46**: 97, **50**: 86, **99**: 7
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- S. tetramerum* (see *Sedum aetnense*) **72**: 32-33
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- S. thartii* (see *Petrosedum erectum*) **98**: 83
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- S. tortuosum* **20**: 18-23, **22**: 12, **22**: 14, **22**: 16
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- S. torulosum* **22**: 11-13, **29**: 15, **30**: 17, **39**: 22, **55**: 39
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- S. treleasei* **23**: 3, **24**: 4, **29**: 14, **42**: 60, **42**: 72, **87**: 4, **90**: 95, **106**: 82
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- S. triangulosepalum* **4**: 4
- S. trichromum* **12**: 3-4
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- S. tristriatum* **27**: 9-12, **27**: 12, **27**: 17, **27**: 20-21, **53**: 29-31, **81**: 64:
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- S. trollii* (see *Rhodiola saxifragoides*) **19**: 10-13, **38**: 11
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- S. trullipetalum* **77**: 63
- S. truncatistigmum* **4**: 4
- S. tschernokolevii* **84**: 30
- S. tsangpotibetanum* (see *Rhodiola tsangpotibetanum*)
- S. tsugaruense* **13**: 8-9
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- S. tuberiferum* **40**: 18, **41**: 43, **52**: 31, **55**: 15-24, **56**: 43-45, **83**: 4-6, **84**: 31, **87**: 19, **91**: 11, **92**: 25-26, **104**: 40-41

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- S. tuberosum* **32**: 8, **32**: 11, **36**: 7-10, **50**: 79-80, **50**: 83, **51**: 5-8, **110**: 100-101
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- S. tymphaeum* **32**: 8, **32**: 11, **33**: 16, **37**: 15, **40**: 18
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- S. uniflorum* **4**: 4
- S. uniflorum* ssp. *oryzifolium* **57**: 61-68
- S. uniflorum* ssp. *oryzifolium* var. *pumilum* **77**: 52
- S. uniflorum* ssp. *japonicum*
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- S. urceolatum* **26**: 12
- S. ursi* **15**: 13, **35**: 6, **35**: 8, **44**: 29, **59**: 7, **108**: 29, **110**: 99-101
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- S. urvillei* **15**: 22, **22**: 8, **25**: 24, **38**: 11, **40**: 18, **44**: 28-31, **50**: 86, **56**: 15-24, **56**: 42, **83**: 6, **85**: 61, **86**: 77-78, **91**: 11, **92**: 25-26, **100**: 49-50, **105**: 61, **107**: 16, **108**: 30-33, **111**: 20, **116**: 37-39
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- S. urvillei* subsp. *hillebrandtii* **22**: 10
- S. ussuriense* **25**: 6
- S. vabeanum* **39**:19
- S. valerianoides* **26**: 3
- S.* 'Vera Higgins' **8**: 8
- S.* 'Vera Jameson' (see *Hylotelephium* 'Vera Jameson') **21**: 23, **25**: 7
- S. verlotii* (see *Petrosedum ochroleucum*) **50**: 85
- S. vermiculifolium* **15**: 9
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- S. versadense*
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- S. versadense* var. *versadense* **103**: 5-6
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- S. versadense* var. *villadioides* **103**: 4-6
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- S. versicolor* **35**: 9-10
- S. verticillatum* **4**: 9, **25**: 7
- S. villosum* **9**: 19, **21**: 6-9, **25**: 4, **30**: 10, **32**: 13, **37**: 5, **39**: 5, **39**: 19-21, **43**: 12-17, **44**: 40, **44**: 45, **45**: 72, **46**: 88, **47**: 15, **49**: 66, **50**: 81, **51**: 9, **52**: 46, **55**: 9, **97**: 59, **112**: 32
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- S. villosum* subsp. *aristatum* **21**: 6, **44**: 40
- S. villosum* subsp. *campanulatum* **21**: 6-7, **44**: 40
- S. viride* **13**: 3-4
 Illustration **13**: 1, **13**: 4
- S. viridescens* **25**: 6, **38**: 11
- S. viviparum* **4**: 8
- S. vulgare* **22**: 10

- S. vuralianum* **26**: 9, **29**: 19-21, **30**: 20, **31**: 23, **33**: 5, **33**: 16, **37**: 21
 Illustration **29**: 20
- S. wallichianum* (see *Rhodiola wallichiana*) **11**: 22
- S. weinbergii* **34**: 13
- S. wettsteinii* **44**: 32
- S.* 'Whetstone' **49**: 66
 Illustration **31**: 12c, **31**: 13
- S.* 'White Diamond Stonecrop' (see *Rhodiola pachyclados*)
- S. wilczekianum* **32**: 8-13
 Description **97**: 52-53
 Illustration **97**: 53 (Fig 6)
- S. willisii* **29**: 14
- S. willkommianum* **44**: 40
 Illustration (inflorescence) **97**: 52 (Fig 5)
- S. woodii* **29**: 14
- S. wootonii* **29**: 3
- S.* 'Wray's Rogue' **104**: 32-33
 Illustration **104**: 32 (Fig 1)
 Illustration (inflorescence) **104**: 33 (Fig 3)
 Illustration (leaves) **104**: 33 (Fig 2)
- S. wrightii* **25**: 26, **38**: 7-8, **41**: 43, **42**: 64, **43**: 20, **55**: 9, **98**: 77-79
 Illustration **98**: 78 (Fig 11), **98**: 79 (Figs 12 & 13)
- S. wrightii* subsp. *densiflorum* **14**: 20-21, **55**: 9
 Illustration **20**: 21
- S. wrightii* subsp. *priscum* **55**: 9
- S. x battandieri* **100**: 55
 Illustration **100**: 55 (Figs 22 & 23)
- S. x breweri* **39**: 6
- S. x luteolum* **38**: 10
- S. x luteoviride* **42**: 59, **46**: 96
 Illustration **91**: 8 (Fig 5)
- S. x rubrotinctum* **32**: 21, **38**: 7-8, **38**: 11, **109**: 76-77
- S. x rubrotinctum* 'Aurora' **109**: 76
 Illustration (chimera) **109**: 76 (Figs 32a & b)
- S. yabeanum* (see *Sedum polytrichoides*)
- S. yezoense* **47**: 18
- S. yosemitense* **29**: 14
- S. yunnanense* (see *Sinocrassula yunnanense*) **26**: 3, **28**: 23
 Illustration **26**: 1, **26**: 5
- S. zentaro-tashiroi* **38**: 10
- S. zlatiborensis* **44**: 32
- Sempervivum arachnoidum** **57**: 58, **58**: 100, **59**: 15-22, **79**: 13-14, **110**: 93-94
 Illustration **79**: 14 (Figs 10 & 11), **101**: 67 (Fig 7), **110**: 93 (Fig 11)
- S. armenum* **79**: 16-17, **91**: 9
 Illustration **79**: (Figs 17 & 18), **91**: 9 (Fig 6)
- S. calcareum* **101**: 69
- S. ciliosum* **83**: 5, **92**: 24-25
 Illustration **83**: cover, **83**: 5 (Fig 2)
- S. ciliosum* var. *galicicum*
 Illustration **92**: 24 (Fig 2)
- S. davisii* **71**: 9, **79**: 4

Illustration **79**: 6 (Fig 3)
S. dolomiticum **87**: 16
S. furseorum **79**: 4-5
 Illustration **79**: 5 (Fig 1)
S. gillianii **115**: 19-21
 Illustration **115**: 20 (Figs 27a - c), **115**: 21 (Figs 28a & b)
S. glabrifolium **71**: 9
S. globiferum subsp. *lagarinianum* (see *Jovibarba globiferum* subsp. *lagarinianum*)
S. heuffelii (see *Jovibarba heuffelii*)
S. kindingeri **52**: 31
S. klepa **92**: 26
S. leucanthum **85**: 60
 Illustration **85**: 68 (Fig 12d)
S. marmoreum subsp. *erythraeum* **83**: 5-6, **85**: 60-64, **119**: 12-13
 Illustration **83**: 5 (Figs 4 & 5), **83**: 6 (Fig 6), **85**: 64 (Fig 11), **119**: 13 (Figs 9 & 10)
S. minus **59**: 10
S. monanthes **85**: 53-55
 Illustration **85**: 53 (Fig 2)
S. montanum **58**: 100, **59**: 15-22
 Illustration **85**: 68 (Fig 12a)
S. montanum var. *montanum* **74**: 93-95
S. montanum var. *burnatii* **74**: 94-95
S. ruthenicum **85**: 61
S. staintonii **71**: 10
S. tectorum **58**: 100, **59**: 15-22, **95**: 5, **101**: 67-69, **109**: 65
 Illustration **95**: 5 (Fig 2)
S. tectorum var. *arvernese* **97**: 62-63, **102**: 100-101
 Illustration **97**: 63 (Figs 20 & 21), **102**: 101 (Fig 12)
S. 'Whetstone' **31**: 11
S. zelbori **85**: 61

Senecio kleinia **109**: 57-58

Sinocrassula paoshingensis var. *spinulosa* **113**: 79-84
 Illustration **113**: 79-84 (Figs 36-46)
S. yunnanensis (see *Sedum yunnanense*) **49**: 56, **94**: 72-73
 Illustration **94**: cover,
 Illustration (inflorescence) **94**: 72 (Fig 1)

Tacitus bellus **104**: 45, **112**: 52-53
 Illustration (Postage stamp) **112**: 52-53 (Figs 35 & 36)

Telmis *microcarpa* (see *Sedum microcarpum*)

Thompsonella minutiflora **73**: 67-68

Tillaea helmsii **77**: 55
 Illustration **39**: 20
T. muscosa (see *Crassula tillaea*) **42**: 53, **50**: 82, **80**: 44-54, **115**: 6
 Illustration **50**: 82, **80**: 45 (Fig 15), **80**: 51 (Fig 18), **80**: 52 (Fig 20), **115**: 6 (Fig 7),
118: 88 (Figs 4 & 5)

- T. recurva* **49**: 60
 Illustration **49**: 60c
- Tylecodon aridimontanus* 118**: 98
 Illustration **118**: 98 (Fig 17)
- T. atropurpureus*
 Illustration **89**: 66 (Fig 14)
- T. bleckiae* **108**: 27
 Illustration **107**: 10 (Fig 9)
- T. bodleyae* **89**: 65
 Illustration **89**: 66 (Fig 15)
- T. buchholtzianus* var. *fasciculatus* **89**: 65
 Illustration **89**: 67 (Fig 16)
- T. cacalioides* **89**: 65
- T. grandiflorus* **89**: 61
- T. hallii* **89**: 61
 Illustration **89**: 64 (Fig 11)
- T. nigricaulis* **89**: 65
- T. nolteei* **89**: 65
- T. occultans* **89**: 65
- T. paniculatus* **89**: 61, **120**: 29-31
 Illustration **89**: 62 (Fig 9), **120**: 31 (Fig 9)
- T. peculiaris* **89**: 65
- T. pygmaeus* **89**: 65
- T. racemosus*
 Illustration **89**: 67 (Figs 17a & b)
- T. reticulatus* **89**: 65
 Illustration **89**: 65 (Fig 13)
- T. rubrovenosus* **89**: 63
 Illustration **89**: 63 (Fig 10)
- T. schaeferianus* **89**: 61, **108**: 27, **118**: 96-98, **119**: 18-19
 Illustration **118**: 96-97 (Figs 14a, b, 15 & 16), **119**: 18-19 (Figs 17-19)
- T. singularis* **89**: 65, **114**: 109-111
 Illustration (leaf) **114**: 110 (Fig 20)
- T. sulphureus* var. *arminanus* **89**: 65
- T. ventricosus* **89**: 65
 Illustration **89**: 65 (Fig 12)
- T. wallichii* subsp. *ecklonianus* **120**: 29
 Illustration **120**: 29 (Fig 6)
- Umbilicus* sp. 45**: 72, **46**: 89, **47**: 3, **50**: 82
- U. albido-opacus* **111**: 21-23
 Illustration **111**: 21 (Fig 27), **111**: 22 (Fig 28)
 Illustration (Habitat) **111**: 23 (Fig 29 & 30)
- U. erectus* **52**: 39, **59**: 15-22, **78**: 90
- U. gaditanus* **44**: 41-42, **46**: 89, **46**: 94
- U. giganticus* **44**: 42
- U. heylandianus* **44**: 41-42, **94**: 94
 Illustration **94**: 92 (Fig 21), **94**: 93 (Figs 22 & 23)
- U. horizontalis* **42**: 52-53, **44**: 41-42, **46**: 89, **52**: 52, **56**: 46, **73**: 54, **73**: 56, **98**: 87, **99**: 11
 Distribution map (Turkey) **111**: 18 (Fig 22)

- Illustration **99**: 11 (Fig 13)
U. horizontalis subsp. *intermedius* **44**: 42
U. luteus **52**: 40
U. oppositifolius 'Jim's Pride' **109**: 77
Illustration **109**: 77 (Fig 34)
U. parviflorus **52**: 40, **107**: 16-18
Illustration **107**: 17 (Fig 21)
U. pendulinus **18**: 14
U. rupestris **42**: 52-53, **44**: 41-42, **46**: 89, **47**: 15, **78**: 90-92, **94**: 93-94, **97**: 62, **99**:
10, **111** : 5
Illustration **78**: 91 (Fig 9), **78**: 92 (Fig 10), **97**: 62 (Fig 19)
Illustration (Postage Stamp) **92**: 36 (Fig 17)
- Villadia** sp. **42**: 61, **42**: 63, **42**: 66-67, **46**: 107
Illustration **76**: 38 (Fig 11)
V. batesii **41**: 46-47, **46**: 107
V. cucullata
Illustration **75**: 22 (Fig 26)
V. elongata **46**: 107
V. imbricata
Illustration **73**: 70 (Fig 7)
V. parviflora **73**: 67-68
V. ramosissima **42**: 60, **42**: 67
Illustration **42**: 49, **42**, 51, **42**, 60
V. squamulosa **73**: 64, **93**: 59
Illustration **93**: 59 (Fig 9)
Illustration (inflorescence) **93**: 60-61 (Figs 12 & 13)
V. virgata
Description **83**: 21-23
Illustration **83**: 22 (Figs 13a-c)
- x Cremneria** 'Sempervivoides' **89**: 60
x Cremneria 'Pruinosa' **108**: 40-42
Illustration **108**: 41 (Fig 19b & 20a)
- x Cremnopetalum** 'Fred Wass' **78**: 95-97
Illustration **78**: 95 (Figs 11 and 12), **78**: 96 (Figs 13 & 14)
- x Cremnosedum** 'Crocodile' **87**: 4, **87**: 6
x Cremnosedum 'First Foundling'
Description **87**: 4-6
Illustration **87**: 4 (Fig 1), **87**: 5 (Figs 1b & 1c)
x Cremnosedum 'Little Gem' **87**: 6
Illustration **101**: 75 (Fig 19)
x Cremnosedum 'Pearson's Surprise'
Description **86**: 82-83
Illustration **86**: 82 (Fig 6a & 6b)
- x Graptosedum** sp.
Description **91**: 5
Illustration **91**: 4 (Fig 1, 2 & insert)

- x Graptosedum* 'Blue Giant' **90**: 94-95
 Illustration **90**: 94 (Fig 14), **90**: 95 (Fig 15)
- x Graptosedum* 'California Sunset'
 Description **58**: 92, **58**: 98-99
 Illustration **58**: 84-85
- x Graptosedum* 'Francesco Baldi' **106**: 83
 Illustration **75**: 9 (Fig 7), **111**: cover, **111**: 2 (Fig 8)
- x Graptosedum* 'Ghosty' **88**: 46
- x Graptosedum* 'Mediterranean Mystery'
 Description **86**: 85-87
 Illustration **86**: 86 (Fig 11a, b, c & d)
- x Graptopetalum* 'Ghosty' **88**: 46
- x Graptoveria* 'A Grim One' (see *x Graptoveria* 'A Grim One')
- x Graptoveria* 'A Grim One' **83**: 23,
 Description **87**: 6-7, **87**: 7 (Fig 3)
 Illustration **87**: 6 (Fig 2)
 Illustration (inflorescence) **87**: 7 (Fig 2)
- x Graptoveria* 'Acaulis' **89**: 58-61
 Illustration **60**: 103
- x Graptoveria* 'Caerulescens' **89**: 60
- x Graptoveria* 'Calva' **89**: 60-61
- x Graptoveria* 'Debbi' **88**: 46
 Description **59**: 14
 Illustration **59**: 94-95
- x Graptoveria* 'Fanfare'
 Description **71**: 14-17
 Illustration **71**: 14 (Fig 10)
- x Graptoveria* 'Haworthioides' **89**: 59
- x Graptoveria* 'Longicaulis' **89**: 59
- x Graptoveria* 'Pik-Ruz' **59**: 20, **60**: 102, **60**: 104
 Description **60**: 45-46
- x Lenoveria* 'Ajax'
 Description **90**: 89-92
 Illustration **90**: 90 (Figs 11a-c)
- x Pachyveria* 'Albomucronata' **89**: 58
- x Pachyveria* 'Calypso'
 Description **88**: 44-46
 Illustration **88**: 45 (Figs 17a & b)
- x Pachyveria* 'Clavifolia' **83**: 8-9, **86**: 87-90, **89**: 59
 Description **86**: 88-90
 Illustration **83**: 10 (Fig 8b), **86**: 89 (Fig 13), **86**: 89 (Fig 12a & 12b)
- x Pachyveria* 'Debbie Reinelt' **88**: 46
- x Pachyveria* 'Elaine' **88**: 46
 Illustration **91**: 18 (Fig 11)
- x Pachyveria* 'Elaine Reinelt' **88**: 46
- x Pachyveria* 'Debbie Reinholdt' **88**: 46
- x Pachyveria* 'Glauca' **84**: 43-44, **89**: 59

- Description **84**: 43-44
 Illustration **84**: 43 (Fig 12), **84**: 44 (Fig 13)
- x Pachyveria* 'Glossoides' **89**: 59
 Description **83**: 7-10
 Illustration **83**: 10 (Fig 8a)
- x Pachyveria* 'Muelleri'
 Description **86**: 83-85
 Illustration **86**: (Fig 10a, b & c)
- x Pachyveria* 'Paradoxa' **89**: 59
- x Sedeveria 46**: 96
- x Sedeveria* 'Blue Giant' **99**: 18
- x Sedeveria* 'Colossal' **99**: 18
- x Sedeveria* 'Darley Dale' **99**: 18
 Description **87**: 26-27
 Illustration **87**: 27 (Figs 19-21)
- x Sedeveria* 'Doinet' **99**: 18
- x Sedeveria* 'El Aquinet' **99**: 18
- x Sedeveria* 'Fanfare' **92**: 23, **92**: 27, **99**: 18
 Illustration **92**: 27 (Fig 5), **99**: 22 (Fig 24)
- x Sedeveria* 'Green Rose' **99**: 18
- x Sedeveria* 'Harry Butterfield' **99**: 19
 Illustration **99**: 23 (Fig 26)
- x Sedeveria* 'Jet Beads' **49**: 60, **99**: 19, **105**: 72-73
 Illustration **105**: 72 (Fig 15)
 Illustration (inflorescence) **105**: 73 (Fig 16)
- x Sedeveria* 'Letizia' **76**: 28-29, **99**: 19
 Illustration **76**: 28 (Fig 1), **76**: 29 (Fig 2 & 3)
- x Sedeveria* 'Liège Commixion' **99**: 19
- x Sedeveria* 'Maialen' **99**: 19
 Illustration **99**: 22 (Figs 22a-c)
- x Sedeveria* 'Morganden' **99**: 19
- x Sedeveria* 'Pink Beauty' **99**: 20
- x Sedeveria* 'Pudgy' **99**: 20
 Illustration **99**: 21 (Figs 21 & insert)
- x Sedeveria* 'Robert Grimm' **99**: 20
 Illustration **99**: 22 (Figs 23a & 23b)
- x Sedeveria* 'Soft Rime' **99**: 20
 Illustration **99**: 23 (Fig 26)
- x Sedeveria* 'Southern Belle' **99**: 20
- x Sedeveria* 'Spring Jade' **99**: 20
- x Sedeveria* 'Whitstonecrop' **99**: 20
 Illustration **99**: 23 (Fig 25)
- x Sedeveria* 'Wirral' **99**: 21
- x Sedeveria* 'Yellow Humbert' **99**: 21
- x Taciveria** 'Ruth Bancroft' **104**: 44-45
 Illustration **104**: 44 (Fig 19), **104**: 45 (Fig 20)
- x Urbiphytum albomucronatum** (see *x Pachyveria* 'Albomucronata')

