

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 ...

spp or subsp. - subspecies

syn. - synonym

var. - variety

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- 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. ohbae **123**: 18-19
H. orbiculatum **81**: 67
H. paradoxum **123**: 20
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. purpureum (see *H. telephium purpureum*) **126**: 89
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. 'Robstum' **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*) **130**: 99-100
 History & Nomenclature **130**: 88-96, **130**: 96-98
 Illustration **49**: 62, **130**: 99 (Fig 12), **130**: 100 (Fig 13)
 Illustration (Japanese publication) **130**: cover, **130**: 97 (Fig 10)
 Illustration (flowering period) **82**: 86 (Fig 4)
H. sieboldii 'Dragon' **130**: 95
H. sieboldii 'Foliis Medio-variegatis' **130**: 93

- H. sieboldii* Medio-variegatum (see *Hylotelephium sieboldii*)
 Illustration **130**: 92 (Fig 8)
- H. sieboldii* 'October Daphne' **130**: 95
- H. sieboldii* var. *chinense* **130**: 98
- H. sieboldii* var. *ettyuense* **72**: 36-37, **130**: 88-96, **130**: 98
 Illustration **81**: 68 (Fig 9)
- H. sieboldii* var. *sieboldii* **130**: 98
-
- 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, **126**: 88-90
 Illustration **118**: 34, **126**: 89 (Fig 8), **131**: cover
- 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
Illustration **126**: 103
- 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*) (see *H. 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, **122**: 86, **128**: 45, **130**: 86
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), **122**: 86 (Fig 7b), **122**: 88 (Fig 10), **128**: 45 (Figs 24a-c)
- 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* **122**: 85-86, **128**: 45
 Illustration **122**: 86 (Fig 7a), **128**: 45 (24a-c)
 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. telephoides* (see *Sedum telephoides*) **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. ussuriense* **131**: 15-21 (Figs 22 & 23)
- H. ussuriense* 'Chuwangsan' **131**: 15 (Fig 20)
- H. ussuriense* 'Pink Beacon' **131**: 20
- H. ussuriense* 'Turkish Delight' **131**: 20
- H. ussuriense* ssp. *tsugaruense* **131**: 20
- H. viridescens* **131**: 19
- 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. globifera* subsp. *lagariniana* (syn. *Sempervivum globiferum* 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 arborescens*** **130**: 81-84
 Illustration **130**: 82 (Fig 2), **130**: 83 (Fig 3)
- K. beharensis* **106**: 83
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- 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. sexangularia* (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
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- K. socotrana* **94**: 83
- K. 'Vivien'* **112**: 40-43
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- 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, **125**: 60, **125**: 61
 Illustration **102**: 98 (Fig 8), **109**: 59 (Figs 5 & 6), **125**: 60 (Fig 19), **125**: 62 (Fig 20)
- M. lowei* **118**: 92-93
 Illustration **93**: 66 (Figs 22, 23a & b)
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 Propagation **93**: 65-67
- M. muralis* **118**: 102
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- M. pallens* **125**: 60
 Illustration **125**: 60
- M. polyphylla* **85**: 53-55
- M. polyphylla* subsp. *amydros* **125**: 59-60, **125**: 61
 Illustration **125**: 59 (Fig 17), **125**: 62 (Fig 20)
- M. subrosulata* **118**: 99-103
 Illustration **118**: 101 (Figs 24-26)
 Illustration (Habitat) **118**: 100 (Figs 22 & 23)
- M. x isabellae* nothosubsp. *gomerensis* **125**: 61-63
 Illustration **125**: 62 (Fig 20), **125**: 63 (Fig 21)
- Montia parviflora* 89**: 58
- Mucizonia campanulata***
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- M. hispida*
 Illustration **16**: 16
- Orobanche uniflora* 88**: 40

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

Orostachys aggregatum **43**: 7

O. boehmeri (see *Hylotelephium boehmeri*) **123**: 18-19

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

O. genkaiense **43**: 7

O. 'Genkai-Iwarenge'

Illustration **43**: 12

O. iwarenge (see *Hylotelephium chongsunese*) **43**: 7

O. iwarenge 'Houou'

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

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

O. japonica **82**: 98, **126**: 84-85

Illustration **126**: 84 (Fig 1), **126**: 85 (Fig 2)

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

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

O. malacophylla var. *aggregata* (see *Hylotelephium malacophyllum* var. *aggregatum*)

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

O. paradoxa (see *Hylotelephium paradoxum*) **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)

127: 13-14

Illustration (flowering) **127**: 13 (Figs 15 & 16), **127**: 14 (Fig 17)

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

Oxalis pes-caprae (invasive weed) **112**: 32-33, **122**: 94-96

Illustration **112**: 33 (Fig 2), **122**: 96 (Fig 18)

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 (see *Sedum ochroleucum* subsp. *mediterraneum*) **114**: 109, **126**: 90-91

Illustration **126**: 90 (Fig 9), **126**: 91 (Fig 10)

P. amplexicaule (see *Sedum amplexicaule*) **81**: 62-63, **82**: 94-95, **93**: 61-63, **100**: 52, **102**: 103, **112**: 35, **113**: 72, **122**: 94-95, **127**: 8, **130**: 80

Illustration **81**: 62 (Fig 4), **102**: 103 (Fig 15), **122**: 95 (Figs 16 & 17), **130**: 80 (Fig 1)

P. amplexicaule subsp. *amplexicaule* (see *Sedum amplexicaule* subsp. *amplexicaule*) **93**: 61-63, **123**: 15

Distribution map (Turkey) **111**: 18 (Fig 22)

Illustration **93**: 62 (Figs 14 & 15), **123**: 15 (Figs 20 & 21)

P. amplexicaule subsp. *tenuifolium* **107**: 16

P. amplexicaule subsp. *tenuifolium* (see *Sedum amplexicaule* subsp. *tenuifolium*) **82**: 94, **92**: 26, **93**: 61-63, **100**: 50, **100**: 52, **108**: 29, **111**: 17, **112**: 38

Illustration **93**: 62-63 (Figs 16 & 17)

P. dianium **114**: 109

P. erectum **105**: 66-72, **121**: 57-59

Illustration **105**: 67 (Fig 12), **105**: 69 (Fig 13), **105**: 70 (Fig 14), **121**: 57 (Fig 1), **121**: 58 (Fig 2), **121**: 59 (Fig 3)

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, **125**: 64

Distribution **97**: 56 (Fig 7)

Illustration **107**: 19 (Fig 25), **117**: 79 (Fig 25), **125**: 64 (Fig 24)

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, **122**: 88, **128**: 42-44

Illustration **95**: 8 (Fig 7), **101**: 70 (Fig 12), **120**: 50-51 (Figs 32 & 33), **128**: 43 (Fig 21)

Illustration (anomalous inflorescence) **128**: 44 (Fig 23)

P. montanum fm. *lunigianica* **128**: 42-44

Illustration **128**: 44 (Fig 22)

P. montanum fm. *lunigianicum* (see *Petrosedum montanum* fm. *lunigianica*) **130**: 79

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. montanum

x *P. rupestre* **87**: 16-17

Illustration **87**: 18 (Fig 13)

P. ochroleucum (see *Sedum ochroleucum*) **82**: 94, **84**: 31, **87**: 16, **92**: 25-26, **97**: 56-57, **98**: 73, **103**: 17-18, **105**: 64, **129**: 57, **130**: 80, **130**: 84-85

Illustration **84**: 30 (Figs 3a & 3b), **103**: 17 (Fig 20)

Illustration (cristate form) **130**: 84 (Fig 5)

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, **121**: 56
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), **122** : 84, **131**: 2 (Fig a)
- 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, **122**: 84-86, **123**: 13, **125**: 64, **130**: 80
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)
Illustration (purple form) **124**: 47 (Fig 32), **125**: 64 (Figs 22 & 23), **131**: 2 (Fig a)
- P. subulatum* (see *Sedum subulatum*) **122**: 99-103
- P. thartii* **121**: 56
- P. x brevierei* **113**: 88
- P. x estrelae* (*P. fosterianum* x *P. sediforme*) **117**: 62-65, **125**: 64
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, **121**: 62
- 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 ellacombianus*) **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. floriferus* 'Hemuli'
Description **124**: 35-39
Illustration **124**: 36 (Fig 19), **124**: 38 (Fig 21), **124**: 39 (Fig 22)
Illustration (inflorescence) **124**: 37 (Fig 20)
- 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* 'Immergünchen' **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, **127**: 3
Illustration **56**: 37, **109**: 79 (Fig 37), **127**: 3 (Fig 1)
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' **124**: 35-39
Illustration **116**: 55 (Fig 39), **124**: 39 (Fig 22)
- 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* ssp. *arcuatus* **131**: 27
- 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. oppositifolius* (see *P. spurius albus*) **129**: 66-71
Illustration (line drawing) **129**: 69 (Fig 29)
- P. pseudohybridus* **131**: 27
- P. seskianus* **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, **129**: 66-71
Illustration (flowering period) **82**: 85 (Fig 3)
Illustration **53**: 42

- Illustration (green carpet) **109**: 78 (Figs 35 & 36)
 Illustration (location) **71**: 10 (Fig 6)
 Illustration (variegated sport) **127**: 6
 Invasive **130**: 79
 Location **71**: 6-10
P. spurius albus (see *P. oppositifolius*) **71**: 10, **129**: 66-71
 Illustration **129**: 68 (Fig 28)
 Illustration (line drawing) **129**: 69 (Fig 29)
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), **131**: 13-14 (Fig 19)
P. stoloniferus **59**: 10, **71**: 7-9, **72**: 45, **79**: 4, **107**: 2, **118**: 85, **120**: 28-29, **123**: 21
 Illustration **120**: 28 (Fig 5), **131**: 3 (Fig b)
 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)
P. x pilosa **131**: 27

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. serpentinicum* **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. serpentinicum* 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**
- P. longidentatum* **131: 6-8** (Figs 7 & 8)
- 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, 131: 19**
 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), **129: cover, 129: 50** (Fig x)
- 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, **125**: 70
Illustration **125**: 69 (Fig 32)
- R. fastigiata* (see *Sedum fastigatum*) **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. ishidae* **121**: 69, **131**: 8-11 (Figs 9 & 10)
- 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
Illustration **121** : 60
- 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, **121**: 67-69, **123**: 3, **131**: 19
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), **122**: Cover, **123**: 3 (Fig x)
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. tsangpotibetanum* **78**: 98
- R. wallichiana* (see *Sedum wallichianum*) **37**: 21, **77**: 62, **111**: 8
 Illustration **111**: 8 (Fig 6), **116**: 44-45 (Figs 15-18)
- R. yunnanense*
 Illustration **121**: 61
- 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. pallidiflora* **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)
R. viguieri **126**: 102

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, **122**: 96-97, **129**: 58

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), **122**: 97 (Figs 19 & 20)

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. *almadi* **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, **127**: 7

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), **127**: 9 (Fig 9)

S. aetnense subsp. *aranjuezii* **127**: 7-10

Illustration **127**: 8 (Fig 7), **127**: 9 (Fig 8)

S. aetnense subsp. *tetramerum* **127**: 8

- 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* (see *Hylotelephium erythrostrictum*) **21**: 23, **25**: 6
- S. alboroseum* '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, **129**: 58, **129**: 65-66
 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), **129**: 18 (Fig 16)
 Illustration (aerial roots) **118**: 103 (Fig 29)
 Illustration (leaf) **129**: 65 (Fig 24)
 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, **122**: 94-95
 Illustration **117**: 62 (Fig 5), **117**: 77 (Fig 22), **122**: 95 (Figs 15 & 16)
- 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. *macranthum* **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, **124**: 46-47
 Illustration **124**: 46 (Fig 31)
- 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. alsinefolium* (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, **122**: 94, **127**: 7, **128**: 28-33
 Illustration **15**: 21, **22**: 20, **99**: 17 (Figs 20a & 20b), **128**: 28 (Fig 1), **128**: 30 (Fig 4), **128**: 31 (Fig 6), **128**: 33 (Fig 10)
 Illustration (habitat) **128**: 29 (Fig 2)
 Illustration (flower variation) **128**: 29 (Fig 3),

- 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* (see *Sedum 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, **122**: 86, **129**: 58
 Illustration **55**: 56, **55**: 59, **85**: 63 (Fig 10c), **102**: 102 (Fig 13), **105**: cover, **118**: 107 (Fig 35), **120**: 47 (Fig 29), **129**: 59 (Figs 17 & 18)
 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, **128**: 28-33
 Illustration **113**: 72 (Fig 19), **128**: 32 (Figs 7 & 8), **128**: 33 (Fig 9)
- S. arcticum* **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, **122**: 87, **129**: 61
 Illustration **48**: 36c, **91**: 14 (Fig 11), **95**: 7 (Fig 5), **109**: 66 (Figs 17, 18a & 18b), **129**: 61 (Figs 21a, 21b & 22)
- 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, **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. beauverdii*

- Illustration (line drawing) **125**: 66 (Fig 26)
- S. beauverdii* subsp. *beauverdii* **125**: 68
- S. beauverdii* subsp. *vietnamense* **125**: 65-68
 Illustration **125**: 65 (Fig 25), **125**: 67 (Figs 27 & 28), **125**: 68 (Fig 30)
- S. berillonanum* **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, **122**: 87, **127**: 8
 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, **127**: 7
 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)
- S. 'Cape Blanco'* (see *Sedum spathulifolium* 'Cape Blanco') **81**: 67
 Illustration **44**: 38
- S. caricum* **15**: 13, **27**: 11, **40**: 18, **41**: 48
 Illustration **27**: 11
- S. caroli-henrici* **15**: 12
- S. carpaticum* **22**: 10, **25**: 6
- S. catorce* **42**: 62, **42**: 64
- S. caucasicum* (see *Hylotelephium caucasicum*) **25**: 6, **27**: 8, **30**: 20, **33**: 19, **38**: 10, **38**: 18, **46**: 96, **46**: 101-102, **46**: 104-106, **48**: 36, **50**: 95
 Illustration **45**: 106
- S. cauticola* (see *Hylotelephium cauticola*) **28**: 6-7, **34**: 6, **39**: 3, **44**: 33, **45**: 66, **50**: 85
 x *Sedum tatarinowii* **45**: 57
- S. cauticola* 'Lidakense' **38**: 10
- S. cauticola* 'Robustum' **28**: 6
- S. cepaea* **9**: 13, **22**: 21, **25**: 24, **26**: 21, **27**: 20-21, **32**: 11, **32**: 19, **37**: 14, **37**: 19, **38**: 9, **39**: 5, **39**: 8, **40**: 18, **41**: 33, **42**: 52-53, **45**: 72, **56**: 46, **59**: 15-22, **76**: 34-36, **81**: 64, **85**: 61, **86**: 77-78, **92**: 26, **97**: 63-64, **101**: 67-68, **115**: 21-24, **118**: 104-105
 Distribution (Turkey) **115**: 24 (Fig 32)
 Illustration **41**: 33, **56**: 64, **76**: 34 (Fig 8), **76**: 35 (Fig 9), **76**: 36 (Fig 10), **97**: 64 (Figs 24 & 25), **115**: 22-24 (Figs 29a-c & 30), **118**: 104 (Fig 32), **118**: 105 (Fig 33), **130**: 85 (Fig 7)
- S. chauveaudii* **41**: 43
- S. 'China Doll'* **79**: 9-12, **80**: 33
 Illustration **79**: 11 (Fig 9)
- S. chontalense* (see *S. versadense*)
- S. chrysastrum* **41**: 43
- S. chrysanthemifolia* **33**: 17-19
 Illustration **33**: centrefold & 19
- S. chrysanthum* **41**: 43
- S. chrysastrum* (see *S. chrysocaulum*) **42**: 61-62, **43**: 20, **124**: 42-46
- S. chrysocaulum* (see *S. chrysastrum*) **121**: 70, **124**: 42-46
 Illustration **124**: 43 (Fig 27), **124**: 44 (Fig 28), **124**: 45 (Fig 30)
- S. affinis chrysocaulum* **124**: 46
 Illustration **124**: 44 (Fig 29)
- S. churchillianum* **41**: 43
- S. cilicicum* **15**: 12

- S. clausenii* **48**: 48, **54**: 80
 Illustration **48**: 48
- S. clavatum* **31**: 11, **38**: 27-28, **39**: 24, **79**: 12, **94**: 73-74
 Illustration **31**: 13, **94**: 73 (Fig 2), **94**: 74 (Fig 3)
- S. cockerelli* **21**: 13, **26**: 14, **28**: 30, **29**: 2-5, **29**: 9, **55**: 6, **113**: 62-68
 Illustration **29**: 1, **29**: 5-6, **113**: 64 (Figs 7-9), **113**: 65 (Figs 10 & 11)
 Illustration (Habitat) **113**: 63 (Figs 5 & 6)
 Illustration (Inflorescence) **113**: 66 (Fig 12)
- S. coeruleum* 'Tavormina's Purple' **45**: 70
- S. commixtum* **23**: 4, **46**: 96, **54**: 57
 Cultivation **19**: 3
 Illustration **19**: 3, **54**: 51-53, **75**: 17 (Fig 19)
- S. compactum* **42**: 57, **109**: 60-63
 Illustration **103**: 27 (Fig 35), **109**: 62 (Fig 10), **109**: 63 (Fig 11), **125**: cover
- S. compressum* **26**: 14, **31**: 22, **32**: 21, **34**: 21, **103**: 8
- S. confertiflorum* (see *Sedum sorgerae*) **31**: 5, **40**: 18, **41**: 48, **72**: 33-34, **79**: 5-7, **105**: 77-79, **112**: 35, **112**: 38-39
 Distribution Map (Turkey) **79**: 7 (Fig 6), **111**: 18 (Fig 22)
 Illustration **31**: 6c, **72**: 33 (Fig 7), **105**: 79 (Figs 23 & 24a & b)
 Illustration (habitat) **105**: 78 (Fig 21)
 Illustration (inflorescence) **105**: 78 (Fig 22), **112**: 38 (Figs 13 & 14)
- S. confusum* **16**: 4, **28**: 29-30, **29**: 13-15, **34**: 15, **35**: 22, **38**: 6, **50**: 85, **103**: 2
 Illustration **94**: 77 (Fig 9)
- S. congdonii* **46**: 107
- S. konzattii* **126**: 88
- S. copalense* **103**: 9-11
 Description **103**: 9-11
 Illustration **103**: 10 (Figs 8 & 9), **103**: 111 (Fig 10)
- S. coreanum* **131**: 17-19
- S. coreense* (see *Sedum polytrichoides*) **96**: 38, **131**: 17
- S. cormiferum* **41**: 43
- S. corsicum* **22**: 21
- S. corynephyllum* **12**: 10-11, **26**: 14, **41**: 43, **126**: 92-95
 Illustration **12**: 11, **126**: 92 (Fig 11), **126**: 93 (Fig 12), **126**: 95 (Figs 14 & 15)
- S. craigii* **46**: 96
- S. crassipes* **28**: 23, **37**: 21
- S. cremnophila* **18**: 10, **24**: 8, **31**: 11, **32**: 24, **31**: 6
 Illustration **31**: 13
- S. cretense* **37**: 14
- S. creticum* **27**: 9-11, **27**: 14-15, **27**: 20-21, **37**: 14-15, **36**: 8, **40**: 18, **52**: 32-34, **52**: 38-45, **56**: 52, **74**: 82, **81**: 64-66, **115**: 21
 Distribution map: Crete **81**: 66 (Fig 7)
 Illustration **52**: 34-35
- S. creticum* var. *creticum* **27**: 15, **37**: 15, **81**: 62-63:
 Illustration **37**: centrefold, **81**: 63 (Fig 5)
- S. creticum* var. *hierapetrae* **37**: 14
- S. creticum* var. *monocarpicum* **27**: 11, **27**: 13, **27**: 15, **27**: 21, **32**: 11, **37**: 15, **52**: 42-45
 Distribution map: Crete **81**: 66 (Fig 7)
 Illustration **27**: 1, **27**: 14, **37**: centrefold, **52**: 36, **81**: 65 (Fig 6)
- S. cymatopetalum* **73**: 68
- S. 'Crocodile'* **38**: 6, **45**: 96

- S. cupressoides* **29**: 17, **34**: 15, **41**: 43
S. cuspidatum **32**: 24, **38**: 28, **36**: 24
S. cyaneum **23**: 6-7, **25**: 7, **25**: 12-13, **31**: 15, **47**: 16-18, **47**: 21, **50**: 96
 Illustration **47**: 21
S. cymatophyllum **43**: 3, **119**: 9-10
 Illustration **119**: 10 (Fig 6)
S. cyprium **27**: 14-15, **27**: 20-21, **32**: 11, **39**: 8-13, **39**: 16, **111**: 13-15
 Illustration **39**: centerfold, **111**: 13 (Figs 14 & 15), **111**: 14 (Fig 16)
S. cyrenaicum **56**: 62
S. dasyphyllum **21**: 11, **21**: 19-23, **22**: 20-21, **24**: 23, **25**: 24, **26**: 21-22, **30**: 4-9, **31**: 21, **32**: 18-20, **33**: 4, **35**: 5, **35**: 11, **36**: 6-8, **37**: 5, **37**: 24, **38**: 9-11, **39**: 5, **40**: 18, **42**: 10254, **42**: 56, **44**: 39, **44**: 34-44, **45**: 72, **46**: 88, **46**: 99, **47**: 15, **48**: 32, **50**: 76, **50**: 78, **50**: 80, **50**: 86, **54**: 58-63, **56**: 42, **57**: 56-60, **58**: 100-102, **59**: 15-22, **78**: 83, **84**: 31, **90**: 81, **92**: 25, **93**: 50, **95**: 5-6, **96**: 32, **97**: 61, **98**: 87, **99**: 9-12, **101**: 67, **106**: 83, **106**: 97-99, **107**: 11-13, **107**: 18, **108**: 26, **108**: 29, **109**: 75, **112**: 32, **116**: 36-37, **122**: 85, **123**: 8-17, **130**: 85
 Distribution map (Turkey) **100**: 53, **108**: 31 (Fig 8)
 Illustration **30**: 9, **54**: 62-64, **78**: 83 (Fig 4), **92**: 25 (Fig 4), **93**: cover, **97**: 61 (Fig 16), **98**: 87 (Fig 23), **99**: 12 (Fig 14), **100**: 50, **100**: 52, **106**: 99 (Fig 20), **107**: 12 (Figs 13 & 14), **108**: 26 (Fig x), **114**: 115 (Fig 27), **116**: 37 (Fig 3), **123**: 9 (Fig 10), **123**: 10 (Figs 11 & 12), **123**: 11 (Fig 13), **123**: 17 (Fig 24), **130**: 85 (Fig 6)
 Illustration (anomalous flower) **95**: 5 (Fig 3)
 Illustration (epiphytic) **107**: 13 (Fig 15)
 Illustration (hirsute form) **123**: 12 (Fig 14)
 Illustration (minor form) **108**: 29 (Fig 3)
S. dasyphyllum 'Luigi Piradello' **37**: 19, **45**: 70
S. dasyphyllum fm. *donatianum* **54**: 59-60
S. dasyphyllum fm. *glaucum* **54**: 60-63
 Illustration **54**: 63
S. dasyphyllum subsp. *dasyphyllum* **107**: 11-13
S. dasyphyllum subsp. *glanduliferum* **22**: 21, **25**: 24, **32**: 2, **36**: 7, **37**: 4, **37**: 19, **44**: 39, **46**: 88, **50**: 78, **54**: 61-63, **99**: 10, **99**: 12, **107**: 11-13
 Illustration **54**: 62, **99**: 10 (Figs 11 & 11a)
S. dasyphyllum subsp. *glanduliferum* var. *elisae* **54**: 61-62
S. dasyphyllum subsp. *granatense* **44**: 39
S. dasyphyllum subsp. *oblongifolium* **114**: 114-116
 Illustration **114**: 115 (Fig 28)
S. dasyphyllum subsp. *suendermanni* **44**: 39
S. dasyphyllum var. *adenocladum* **37**: 5, **42**: 53, **54**: 60-62, **107**: 11-13
 Illustration **54**: 62
S. dasyphyllum var. *burnatii* **32**: 18-21, **37**: 19, **54**: 60
 Illustration **54**: 62
S. dasyphyllum var. *dasyphyllum* **44**: 39, **46**: 88
 Illustration **97**: 61 (Fig 15)
S. dasyphyllum var. *macrophyllum* **22**: 21, **50**: 76, **90**: 81, **90**: 81, **107**: 11-13
S. dasyphyllum var. *mesatlanticum* **38**: 18, **107**: 11-13
S. debile **24**: 11-13, **25**: 27-28, **38**: 11, **55**: 6, **58**: 96-97
 Illustration **24**: 11, **58**: 82-83
S. decumbens **16**: 3-4, **21**: 23, **28**: 19, **28**: 30, **34**: 15, **38**: 6, **38**: 9, **42**: 59, **50**: 95, **54**: 80
 Illustration **16**: 1, **16**: 3
S. delicum **27**: 10-11, **27**: 16, **41**: 48

- S. dendroideum* **23**: 13-14, **29**: 13, **16**: 5, **34**: 15, **35**: 21-22, **38**: 6, **38**: 10
 Illustration **16**: 5, **94**: 78 (Fig 11), **94**: 79 (Fig 12)
- S. dendroideum* var. *monticola* **34**: 15
- S. diagremontianum* **49**: 60
 Illustration **49**: 60c
- S. diffusum* **7**: 3-4, **25**: 3, **26**: 16, **50**: 85
 Illustration **7**:1, **7**: 5, **25**: 1, **118**: 91 (Fig 7)
- S. diminutum* **42**: 61-62
- S. dimorphophyllum* **98**: 74
 Illustration **98**: 74 (Fig 3)
- S. divergens* **21**: 23, **29**: 14, **38**: 10-11, **39**: 19, **44**: 38, **55**: 6
 Illustration **44**: 38c
- S. divergens* 'Giant Form' **46**: 97, **50**: 86
- S. diversifolium* **29**: 14-18
 Illustration **29**: 17
- S. drymarioides* **87**: 2
 Illustration **87**: cover
- S. duckbongii* **131**: 19
- S.* 'Dudley Field' **34**: 3, **45**: 57, **45**: 66
- S. dulcinomen* **42**: 61-62
- S. dumulosum* (see *Rhodiola dumolosa*) **28**: 23-24, **38**: 11
- S. durisii* **31**: 17
- S. ebracteatum* **22**: 14, **25**: 8, **34**: 13, **50**: 88-89, **50**: 92, **97**: 65-66, **98**: 81, **122**: 82
 Distribution **97**: 66 (Fig 28)
 Illustration **72**: 41 (Fig 11), **122**: 81 (Fig 2)
- S. edwardsii* **43**: 20, **81**: 58, **81**: 60-61:
 Illustration **81**: cover, **81**: 60 (Fig 1), **81**: 61 (Fig 2)
- S. ekimianum* **18**: 9
 Description **19**: 14-15
 Illustration **19**: 14
- S. elatinooides* **21**: 24, **23**: 16, **23**: 18
- S. elegans* **28**: 16
- S. ellacombianum* (see *Phedimus ellacombianum*) **21**: 3, **31**: 19, **37**: 13, **38**: 10, **39**: 19,
50: 85, **121**: 70
- S.* 'Erd Blut' **45**: 57, **45**: 66
- S. erectum* **35**: 6, **44**: 28-32
- S. eriocarpum* **41**: 48, **56**: 43, **59**: 7-8, **73**: 54-55, **76**: 31-32, **100**: 49-50, **115**: 13-16
 Distribution (Greece) **115**: 16 (Fig 23)
- S. eriocarpum* subsp. *apertiflorum* **41**: 48, **56**: 45, **76**: 32
 Distribution (Greece) **115**: 16 (Fig 23)
- S. eriocarpum* subsp. *caricum* **41**: 48, **60**: 60-61
 Distribution (Turkey) **111**: 18 (Fig 22)
 Illustration **60**: 99-100, **112**: 38 (Figs 11 & 12)
- S. eriocarpum* subsp. *cycladicum* **128**: 34
 Illustration (distribution Greece) **128**: 34
- S. eriocarpum* subsp. *delicum* **41**: 48
- S. eriocarpum* subsp. *epiroticum* **41**: 48, **49**: 60
 Distribution (Greece) **115**: 16 (Fig 23)
 Illustration **49**: 60c, **110**: cover
- S. eriocarpum* subsp. *eriocarpum*
 Distribution (Greece) **115**: 16 (Fig 23), **131**: 11-15 (Figs 13, 14, 15, 17 & 18)

- S. eriocarpum* subsp. *orientale* **41**: 48, **107**: 18, **107**: 21, **108**: 29
 Distribution (Greece) **115**: 16 (Fig 23)
 Distribution (Turkey) **108**: 32 (Fig 9)
 Illustration **100**: 51 (Fig 17), **103**: 3, **107**: 22 (Fig 33), **108**: 30 (Fig 5)
- S. eriocarpum* subsp. *porphyreum* **41**: 48, **111**: 10
 Illustration **111**: 11 (Fig 10), **115**: 15 (Figs 20-22)
- S. eriocarpum* subsp. *spathulifolium* **41**: 48, **74**: 83
 Distribution (Greece) **115**: 16 (Fig 23)
 Illustration **74**: 83 (Fig 3), **115**: 14 (Fig 19)
- S. erythrostickum* (see *Hylotelephium erythrostickum*) **34**: 13, **35**: 5, **36**: 6
- S. erythrostickum* 'Medio-variegatum' (see *Hylotelephium erythrostickum* var. *medio-variegatum*) **36**: 6
- S. euxinum* **15**: 14
 Illustration **15**: 14
- S. ewersii* (see *Hylotelephium ewersii*) **31**: 21, **37**: 20, **38**: 10
- S. ewersii* var. *homophyllum* (see *Hylotelephium ewersii homophyllum*) **25**: 7, **25**: 12-13, **37**: 20
- S. fabaria* (see *Sedum telephium* subsp. *fabaria* and *Hylotelephium* subsp. *fabaria*) **2**: 3, **22**: 6, **23**: 8, **23**: 14
 Illustration **2**: 1, **11**: 7
- S. farinosum* **41**: 27, **44**: 36, **47**: 3-5, **49**: 69, **120**: 38-39
 Illustration **47**: 12c, **47**: 37c, **120**: 38 (Fig 20)
 Illustration (inflorescence) **120**: 39 (Fig 21)
- S. farronianum* **25**: 2, **33**: 19
- S. fastigiatum* (see *Rhodiola fastigata*) **25**: 5, **34**: 11, **45**: 56
- S. flexuosum* **25**: 23
- S. forrestii* **31**: 17
- S. forsterianum* **28**: 23
- S. forsterianum* (see *Petrosedum forsterianum*) **9**: 13, **26**: 12, **28**: 11, **28**: 15, **28**: 18, **28**: 20-21, **28**: 23, **30**: 5, **30**: 7, **34**: 9, **38**: 10, **39**: 5, **39**: 19, **42**: 59, **44**: 30, **44**: 40, **44**: 43, **44**: 45, **45**: 72, **47**: 15, **58**: 103, **59**: 15-22
 Illustration **28**: 16, **104**: 52 (Fig 28)
- S. formosanum* **29**: 13
 Illustration **89**: cover, **117**: 66 (Fig 11)
- S. fragans* **21**: 10, **23**: 2, **23**: 21, **23**: 23, **24**: 23, **86**: 79-81, **101**: 68-69
 Illustration **23**: 22, **86**: 80-81 (Figs 4-7), **101**: 68-69 (Figs 10-11), **115**: 25 (Fig 35)
 Illustration (habitat) **86**: 79 (Figs 3a & 3b), **101**: 68 (Fig 9)
- S. franchetii* **31**: 17
- S.* 'Frosty Morn' (see *Hylotelephium erythrostickum* 'Frosty Morn') **37**: 18
- S. frutescens* **38**: 5
- S.* 'Fuldaglut' **45**: 57
- S. furfuraceum* **26**: 24, **27**: 3-5, **38**: 6, **42**: 59, **53**: 53, **79**: 12, **81**: 67, **121**: 63-66
 Illustration **121**: 64 (Fig 8), **121**: 65 (Fig 9 & 10), **121**: 66 (Fig 11)
 Illustration (habitat) **121**: 63 (Fig 7)
- S. fuscum* **115**: 9-11
 Illustration **115**: 9-11 (Figs 12-15)
- S. fusiforme* **44**: 36, **45**: 60-64, **47**: 4-7, **47**: 8-10, **47**: 12, **49**: 67, **49**: 70-71
 Illustration **47**: 12c
- S. gagei* **77**: 63
 Illustration **77**: 67 (Fig 12)
- S. gattefossei* **35**: 9

- S. glabrum* **25**: 8, **43**: 20, **50**: 88-89, **50**: 92, **97**: 66-67, **98**: 81
 Distribution **97**: 66 (Fig 27)
 Illustration **97**: 67 (Fig 30)
 Illustration (inflorescence) **98**: 82 (Fig 17)
- S. glandulosum* **21**: 6
- S. glaucophyllum* (see *Sedum nevirii*) **21**: 19, **23**: 6, **26**: 16, **31**: 20, **38**: 10, **41**: 27, **42**: 69, **55**: 6
- S.* 'Golden Glow' (see *Sedum adolphi*)
- S.* 'Goldii' (see *Gratopetalum goldii*)
 Illustration **3**: 1
- S. goldmanii* **46**: 107, **117**: 72-73
 Illustration **117**: 73 (Figs 18 & 19)
- S. gracile* **21**: 23, **26**: 9, **29**: 21, **30**: 20, **31**: 23, **41**: 43, **59**: 9-10, **79**: 4
 Illustration **71**: 9 (Figs 4 & 5)
- S. granatense* **30**: 7-8
- S. grandepetalum* **48**: 48
- S. grandiflorum* **25**: 6
- S.* 'Green Rose' **45**: 96
- S. greggii* **22**: 15, **29**: 17-18, **48**: 48
- S. greggii* subsp. *angustifolium* **22**: 15
- S. greggii* subsp. *greggii* **22**: 15
- S. griffithsii* **22**: 23, **28**: 30, **29**: 2-6
- S. grisebachii* **15**: 15, **25**: 23, **25**: 25, **36**: 6, **40**: 18, **58**: 102, **59**: 15-22, **84**: 28-31, **117**: 67-71
 Illustration **84**: 30 (Fig 2), **117**: 68 (Figs 12 & 13)
- S. grisebachii* var. *grisebachii* **104**: 38-41, **117**: 67-71
 Illustration **104**: 38 (Figs 11 & 12), **104**: 41 (Fig 16)
 Illustration (habitat) **104**: 38 (Fig 10)
- S. grisebachii* var. *horakii* **104**: 38-41, **117**: 67-71
 Illustration **104**: 39 (Fig 13), **104**: 40 (Fig 14), **117**: 69 (Fig 14)
- S. griseum* **10**: 3, **24**: 3, **38**: 6, **42**: 57, **106**: 103
- S. guadalajaranum* **24**: 3, **38**: 6, **46**: 96, **106**: 103
 Description **11**: 3-4
 Illustration **11**: 1, **11**: 4
- S. guatamalense* **29**: 14
- S. guettardii* **41**: 44
- S. gypsicola* **21**: 23, **23**: 6, **26**: 21, **30**: 4-5, **30**: 8, **30**: 13, **37**: 19, **38**: 11-12, **41**: 31, **41**: 35, **44**: 39, **45**: 72, **46**: 87-88, **46**: 94, **50**: 84, **58**: 102, **59**: 15-22, **75**: 23, **78**: 83, **79**: 12-13, **123**: 16, **129**: 65-66
 Illustration **26**: 21, **41**: 35, **46**: 94c, **75**: 23 (Fig 27), **83** (Fig 5), **123**: 16 (Figs 22 & 23), **129**: 65 (Fig 25),
 Illustration (leaf) **129**: 66 (Figs 26 & 27)
- S. gypsicola* subsp. *trinacriae* **125**: 70-72
 Illustration **125**: 70 (Fig 33), **125**: 71 (Figs 34 & 35)
- S. gypsicolum* **29**: 15
- S. gypsophila* **43**: 20, **90**: 81, **91**: 19
 Illustration **90**: 80 (Figs 5 & 6)
- S. hakonense* **21**: 5, **41**: 43
- S. hakonense* 'Chocolate Ball' **96**: 36
- S. havradii* **41**: 43
- S.* 'Harvest Moon' **34**: 3, **36**: 3, **50**: 85

- S. hemsleyanum* **25**: 8, **35**: 21, **41**: 43, **50**: 88-89, **50**: 92, **97**: 66, **98**: 81
 Distribution **97**: 66 (Fig 29)
 Illustration **126**: 86 (Fig 5), **126**: 87 (Fig 87)
- S. henriquesii* **44**: 40
- S. hernandezii* **26**: 24, **27**: 3-5, **28**: 29, **38**: 18, **46**: 92, **46**: 94
 Illustration **27**: 4, **46**: 93-94
- S. hidakense* 'Rubellum' (see *Hylotelephium* 'Hidakense') **38**: 10
- S. hierapetrae* **27**: 10, **37**: 14, **52**: 44
- S. hillebrandtii* **44**: 28
- S. himalense* (see *Rhodiola himalensis*) **34**: 11, **34**: 24, **35**: 23-24
- S. hintonii* **25**: 8, **42**: 57, **42**: 66, **50**: 87-89, **50**: 91-92, **75**: 10-12
 Illustration **50**: 91, **75**: 11 (Figs 9-11), **75**: 12 (Fig 12)
- S. hintoniorum* **43**: 20, **44**: 48
 Illustration **43**: 12
- S. hirsutum* **16**: 15, **22**: 17, **24**: 23, **29**: 19, **32**: 10-13, **32**: 21, **33**: 16, **34**: 8, **34**: 11, **37**: 22, **38**: 13, **39**: 5, **44**: 40, **45**: 72, **47**: 15, **52**: 45, **53**: 31-32, **56**: 47, **97**: 61, **97**: 64, **102**: 100, **113**: 71-73, **122**: 86, **127**: 7
 Illustration **97**: 61 (Figs 13 & 14), **101**: 67, **102**: 100 (Fig 11), **113**: 73 (Figs 22 & 23)
- S. hirsutum* subsp. *baeticum* **44**: 40
 Illustration **117**: 78 (Fig 24)
- S. hispanicum* (see *Sedum aytacianum*) **22**: 9, **22**: 17, **24**: 14-15, **24**: 23, **25**: 24, **25**: 28, **26**: 6, **26**: 10, **27**: 9, **27**: 11, **29**: 3, **34**: 6, **34**: 23, **35**: 11, **36**: 20-21, **38**: 11, **40**: 14-18, **41**: 48, **42**: 53, **42**: 56, **44**: 30, **44**: 33, **44**: 43, **48**: 32, **48**: 36, **49**: 60, **71**: 5-9, **72**: 45, **73**: 53-55, **74**: 89-90, **79**: 4, **80**: 29, **83**: 6, **85**: 61, **86**: 78, **91**: 14, **92**: 26, **101**: 78, **105**: 61, **109**: 56, **116**: 36-39, **117**: 67-71, **118**: 85, **119**: 12, **122**: 98, **129**: 58, **130**: 84, **131**: 22-24
 Distribution (Turkey) **109**: 56 (Fig 1)
 Illustration **48**: 36, **52**: 38, **74**: cover, **74**: 90, **85**: 63 (Fig 10b), **101**: 77 (Figs 21a-d), **109**: 56 (Fig 2), **115**: 18 (Fig 25), **115**: 19 (Fig 26), **116**: 36 (Figs 1a & b), **116**: 37 (Fig 2), **116**: 40 (Fig 9), **117**: 70 (Fig 16), **118**: 107 (Fig 35), **122**: 98 (Figs 21a & 21b), **129**: 59 (Fig 19),
 Illustration (plurennial form) **117**: 70 (Fig 15)
 Naturalised **107**: 2
- S. hispanicum* fm. *durabilis* **129**: 71-72
 Illustration **129**: 72 (Fig 30)
- S. hispanicum* (see *Sedum hispanicum* fm. *durabilis*) **130**: 79
- S. hispanicum* var. *eriocarpum* **37**: 19, **41**: 35
 Illustration **41**: 35
 Nomenclature **130**: 86-88
- S. hispanicum* var. *hispanicum* **115**: 17
 Illustration **115**: 17 (Fig 24)
- S. hispanicum* var. *minus* **21**: 20, **31**: 15, **31**: 21, **42**: 56, **80**: 36, **84**: 40-41, **96**: 30
 Illustration **80**: 36 (Fig 6), **84**: 40 (Figs 9 & 10), **84**: 46 (Fig 15)
- S. hispanicum* var. *planifolium* **109**: 56, **111**: 17, **112**: 39
 Distribution (Turkey) **111**: 18 (Fig 22)
 Illustration **111**: 17 (Fig 21), **111**: 19 (Figs 23, 24 & 25), **111**: 20 (Fig 26)
- S. hispanicum* 'Silver Carpet' **31**: 15
- S. hultenii* **26**: 16, **42**: 57
- S. humifusum* **18**: 11, **36**: 6, **42**: 57
 Illustration **18**: 11, **103**: 26 (Fig 33), **118**: 91 (Fig 8), **118**: 92 (Fig 9), **128**: cover

- S. hybridum* **22**: 9, **34**: 6, **35**: 11, **38**: 10, **39**: 19, **44**: 33, **44**: 43, **50**: 85
- S. idaeum* (see *Sedum laconicum* var. *idaeum*) **25**: 23
- S. imbricatum* **26**: 4
- S. indicum* var. *yunnanensis* (see *Sinocrassula yunnanensis*)
- S. integrifolium* (see *Rhodiola integrifolia*) **34**: 11
- S. integrifolium* subsp. *leedyi* (see *Rhodiola integrifolia* subsp. *leedyi*) **23**: 20
- S. involucreatum* **41**: 43
- S. ishidae* **17**: 7, **28**: 24, **30**: 20, **37**: 21, **38**: 10-11
- S. jaccardianum* **32**: 8-12, **35**: 9-10, **38**: 16, **39**: 21
- Illustration **32**: centerfold
- S. jaeschkei* (syn. *S. oreades*) **114**: 100-101
- Illustration **114**: 101 (Fig 5)
- 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
- Illustration **117**: 66 (Fig 9)
- S. japonicum* var. *pumilum* **77**: 52
- Illustration **77**: 53 (Fig 1)
- S. japonicum* subsp. *boninense* **77**: 52
- S. japonicum* subsp. *japonicum* **77**: 52
- S. japonicum* subsp. *japonicum* var. *senanense* **77**: 52
- S. japonicum* subsp. *oryzifolium* **77**: 52
- Illustration **77**: 53 (Fig 1)
- 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
- Illustration **112**: 49 (Fig 27)
- S. japonicum* subsp. *uniflorum* **77**: 52
- S. jiuhuashanense* **49**: 57-58
- S. jujuyense* **73**: 59-60, **73**: 68, **73**: 70-72, **74**: 91
- Illustration **73**: 58 (Figs 5a & b), **73**: 59 (Fig 6), **73**: 71 (Figs 8 & 9)
- S. jurgensenii* **46**: 107,
- S. jurgensenii* ssp. *attenuatum* **114**: 102-105
- Description **53**: 44-46
- Illustration **53**: 46-47, **114**: 102 (Fig 7), **114**: 104 (Figs 12 & 13)
- S. jurgensenii* ssp. *jurgensenii* **114**: 102-105
- Illustration **114**: 102 (Fig 7), **114**: 103 (Figs 8-10), **114**: 105 (Figs 14-16)
- S. kamtschaticum* **21**: 3, **21**: 19, **31**: 19, **34**: 6, **35**: 11, **38**: 10-11, **39**: 7, **39**: 19, **44**: 33, **48**: 35-36, **48**: 40, **50**: 85
- S. kamtschaticum* var. *floriferum* **31**: 19, **34**: 6, **39**: 3
- S. 'Keston'* **35**: 23-24, **35**: 23
- Illustration **35**: centrefold
- S. kimnachii* **54**: 80
- Distribution (UK) **103**: 2
- 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**: 28-29, **81**: 63, **92**: 26, **109**: 69
 Distribution map (Turkey) **100**: 53
 Illustration **40**: 23-24, **59**: 88, **109**: 69 (Fig 20)
- 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
 Illustration **21**: 7
- S. lampusae* **27**: 20-21, **32**: 11, **38**: 19, **39**: 8-16
 Illustration **39**: centerfold, **40**: 15, **85**: 68 (Fig 12b),
 Illustration (postage stamp) **39**: 1
- S. lanceolatum* **22**: 22, **40**: 10, **41**: 43, **45**: 69, **45**: 70, **55**: 7, **73**: 74, **89**: 57, **92**: 31, **101**: 63-66, **108**: 46-49
 Illustration **55**: 54, **73**: 74 (Fig 10), **82**: 91 (Figs 7), **82**: 92 (Figs 9), **101**: 65 (Fig 4), **101**: 66 (Fig 5) **108**: 46 (Figs 23a & b), **108**: 47 (Figs 24 & 25), **108**: 48 (Fig 26), **108**: 49 (Fig 28)
- S. lanceolatum* subsp. *nesioticum* **55**: 7
- S. lanceolatum* subsp. *subalpinum* **55**: 7, **108**: 48
 Illustration **108**: 48 (Fig 27)
- S. lancerottense* **41**: 43, **45**: 60, **47**: 4, **47**: 6, **47**: 8-10, **47**: 12, **49**: 67, **49**: 71, **102**: 95-99
 Illustration **47**: 12c, **102**: 96 (Fig 5)
 Illustration (habitat) **102**: 97 (Figs 6 & 7)
- S. latiovalifolium* **131**: 19
- 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
 Illustration **87**: 9 (Fig 5a & 5b)
- S. laxum* subsp. *heckneri* **23**: 6, **38**: 22, **45**: 58, **55**: 7, **88**: 40
- S. laxum* subsp. *latifolium* **55**: 7, **87**: 13-14
 Illustration **87**: 12 (Figs 9 & 10)
- S. laxum* subsp. *laxum* **38**: 22, **88**: 39
 Illustration **88**: 39 (Figs 8 & 9), **88**: 40 (Fig 10)
- S. laxum* subsp. *perplexum* **22**: 23
- S. leibergii* **15**: 7, **55**: 7
- S. leucarpum* **41**: 43
- S. leveilleanum* **49**: 51
- S. liebmannianum* **27**: 5, **41**: 43
 Illustration **41**: 37c
- S. lineare* **21**: 5, **21**: 24, **23**: 16-17, **29**: 13, **34**: 12, **39**: 19, **46**: 97, **48**: 28, **49**: 57-58
 Illustration **110**: 85 (Fig 3)
- S. lineare* var. *variegatum* **22**: 22, **38**: 10, **46**: 96
 Illustration **116**: 54 (Fig 34)
- S. linearifolium* (see *Rhodiola linearifolia*) **8**: 3, **11**: 22, **28**: 23
 Illustration **8**: 1, **8**: 5
- S.* 'Little Gem' **18**: 10-12, **38**: 7, **42**: 57, **42**: 59
 Illustration **18**: 11
- 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
 Illustration **73**: 54 (Fig 2), **103**: 13 (Fig 14), **103**: 14 (Fig 15), **103**: 15

- (Figs 16 & 17), **103**: 16 (Fig 18), **111**: 6 (Fig 4), **111**: 11 (Fig 11), **115**: 5 (Fig 3),
131: 11-14 (Fig 12)
 Illustration (distribution) **103**: 12 (Fig 12)
 Illustration (habitat) **103**: 13 (Figs 13a-c)
- S. litoreum* var. *creticum* **41**: 48, **52**: 37, **52**: 40, **53**: 30, **56**: 43-45, **74**: 83, **81**: 63
 Illustration **56**: 66, **74**: 83 (Fig 3 & 4)
- 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
- S. lumholtzii* **29**: 3, **54**: 54-56
 Illustration **54**: 48-49
- S. luteoviride* **38**: 7
- S. lydium* **21**: 23, **34**: 6, **42**: 56, **44**: 33, **84**: 41, **112**: 35-37, **112**: 39
 Distribution map (Turkey) **111**: 18 (Fig 22)
 Illustration **112**: 36 (Fig 6), **112**: 37 (Fig 7)
- S. macdonaldii* **42**: 61-62, **43**: 20
- S. macdougallii* **23**: 3
 Illustration **23**: 1, **23**: 4, **131**: 5 (Fig 6)
- 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
 Illustration **91**: 13 (Fig 10), **92** (cover)
- S. maireanum* **44**: 40, **45**: 72, **129**: 52-57
 Description **129**: 57
 Illustration **129**: 52 (Figs 1 & 2), **129**: 53 (Figs 3 & 4), **129**: 54 (Fig 5), **129**: 56 (Fig 8)
 Illustration (flowers) **129**: 55 (Figs 6a-c & 7)
- S. makinoi* **21**: 5, **21**: 21-22, **23**: 16, **39**: 19, **41**: 43, **57**: 61-68, **124**: 46-47
- S. makinoi* 'Tundra Tomato'
 Illustration **107**: 6 (Fig 2)
- S. maurum* **35**: 9
- S. maweanum* **44**: 32
- S. maximum* **22**: 5, **22**: 10, **22**: 21, **23**: 14, **45**: 58, **50**: 95
 Illustration **33**: 1
- 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
 Illustration **108**: 45 (Fig 22)
- S. mellitulum* **27**: 7, **38**: 7
- S. mesoamericanum* **113**: 77
 Illustration **113**: 77 (Figs 31 & 32)
- 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, **123**: 2
 Illustration **58**: 99, **123**: cover
- S. micranthum* **22**: 8
- S. microcarpum* **103**: 20-21, **111**: 10
 Illustration **103**: 20 (Fig 24), **103**: 21 (Figs 25a & b), **111**: 11 (Figs 10 & 11), **111**: 12 (Figs 12 & 13)

- S. microsepalum* **4**: 5
- S. microstachyum* **27**: 20-21, **32**: 11, **39**: 6-16
Illustration **39**: centerfold
- S. middendorffianum* **21**: 3, **31**: 19, **38**: 10
- S. middendorffianum* 'Striatum' **38**: 18
- S. millspaughii* **113**: 78
Illustration **113**: 78 (Figs 33-35)
- S. miserum* **73**: 68
- S. mite* **27**: 22
- S. mocinianum* **50**: 87-89, **50**: 92
Illustration **50**: 90
- S. modestum* **34**: 24, **35**: 7-10, **43**: 22, **35**: 7, **50**: 83, **114**: 112-114, **123**: 13-14
Illustration **34**: 1, **34**: 23, **35**: centerfold, **114**: 113 (Figs 23 & 24), **123**: 14 (Figs 17 & 18)
- S.* 'Mohrchen' (see *Hylotelphium telephium* 'Mohrchen') **37**: 21
- S. monregalense* **32**: 20, **33**: 4, **33**: 8-9, **42**: 52-53, **42**: 60, **50**: 86, **120**: 43-44
Illustration **42**: 60, **120**: 43 (Fig 25), **120**: 44 (Figs 26 & 27)
- S. montanum* (see *Petrosedum montanum*) **21**: 11, **26**: 12, **28**: 11, **28**: 13, **28**: 21-22, **37**: 4-5, **42**: 53, **44**: 40, **45**: 72, **48**: 46, **57**: 57
- S. montanum* subsp. *montanum* (see *Petrosedum montanum* subsp. *montanum*) **26**: 12, **28**: 13-14, **42**: 53, **42**: 60
Illustration **42**: 60
- 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
Illustration **40**: 1, **88**: 37 (Fig 5), **88**: 38 (Figs 6 & 7)
- S. morganianum* **6**: 6, **7**: 19, **24**: 4-5, **20**: 3, **38**: 6, **46**: 96, **115**: 2
Illustration **20**: 3, **115**: cover, **115**: 2 (Fig 8)
- S. morrisonense* **4**: 5, **53**: 39, **90**: 74, **112**: 49
Illustration **90**: cover, **112**: 49 (Figs 28 & 29)
- S. morrisonensis* **37**: 22, **41**: 28
Illustration **36**: 18c
- S. mucizonia* **26**: 10-11, **30**: 4-6, **32**: 13, **44**: 40, **45**: 72, **90**: 79, **92**: 45, **114**: 118-119, **123**: 13-14
Illustration **26**: 11, **92**: 45 (Fig 26), **114**: 119 (Fig 31), **123**: 13 (Fig 16)
Illustration (inflorescence) **114**: 119 (Fig 32)
- S. mucizonia* subsp. *urceolatum* **25**: 2, **26**: 12
- S. multicaule* (see also *Sedum* affin. *multicaule*)
Illustration **111**: 7 (Fig 5)
- S.* affin. *multicaule* **41**: 43
Description **100**: 42-43
Illustration **100**: 4 (Figs 1 & 2)
- S. multiceps* **22**: 21, **29**: 13, **38**: 8, **46**: 89, **47**: 23, **100**: 55, **110**: 99-101
Illustration **100**: 55 (Fig 23), **110**: 99 (Fig 17)
- S. multiflorum* **17**: 3-4, **22**: 15
- S. muscoideum* **26**: 16, **29**: 17, **34**: 15
Illustration **126**: 87 (Fig 7)
- S. nagasakianum* **21**: 4, **39**: 19, **41**: 43
Illustration **21**: 1, **21**: 4, **51**: 32

- S. nanifolium* **8**: 9, **27**: 7, **41**: 43, **42**: 61-62, **42**: 65
 Illustration **8**: 10, **83**: 20 (Fig 11), **105**: 59 (Fig 2)
- S. napiferum* **112**: 50-51
 Illustration **112**: 50-51 (Figs 30-34)
- S. neglectum* **44**: 32
- S. neglectum* subsp. *orientale* **42**: 53, **48**: 32
- S. nevadense* **30**: 10, **44**: 40, **45**: 72, **46**: 88-89, **58**: 81-82, **117**: 71-72
 Illustration **58**: 81-82, **117**: 72 (Fig 17)
- S. nevii* **5**: 14, **23**: 6, **55**: 7
- S. nicaeense* **15**: 6, **22**: 19, **26**: 12, **26**: 21-22, **28**: 12, **35**: 13, **35**: 20, **39**: 7, **50**: 93, **131**: 2
 (Fig a) (*Petrosedum* sediforme)
- S. nicaeense* subsp. *sopiana* **50**: 93
- S. niveum* **21**: 13, **24**: 11-12, **29**: 3-4, **29**: 15, **55**: 7
- S. nokoense* **4**: 5
 Description **96**: 39-40
 Illustration **96**: 39
- S. nudum* **44**: 36, **45**: 60-67, **47**: 4-6, **47**: 8-10, **47**: 12, **49**: 67, **49**: 70-72
 Illustration **45**: 66, **47**: 7, **47**: 12
- S. nussbaumerianum* **8**: 6, **25**: 10, **37**: 10, **37**: 13, **38**: 7, **46**: 89, **46**: 96, **87**: 27, **95**: 23
 Illustration **18**: 13, **25**: 11, **37**: centerfold, **75**: 9 (Fig 8)
- S. nutans* **29**: 15
 Illustration **18**: 11
- S. nuttallianum* **3**: 8, **29**: 14, **42**: 61-62, **55**: 7, **106**: 85-92
 Cultivation **16**: 17
 Distribution (Comanche County) **106**: 89 (Fig 8)
 Distribution (Texas) **106**: 86
 Exploration **3**: 8-9
 Illustration (habitat) **106**: 86 (Fig 2), **106**: 89 (Fig 7), **106**: 90 (Fig 9), **106**: 91
 (Fig 11)
 Illustration (Inflorescence) **106**: 87 (Fig 4)
- S. oaxacanum* **23**: 7, **29**: 15, **38**: 7, **97**: 48-52
 Illustration **94**: 79 (Fig 13), **97**: 50 (Fig 4)
- S. obcordatum* **26**: 14, **33**: 23, **34**: 18-20, **38**: 8-9, **41**: 43, **91**: 18
 Illustration **34**: 12, **91**: 19 (Fig 12), **94**: 76 (Fig 7), **94**: 77 (Fig 8)
- S. oblancheolatum* **5**: 17, **38**: 22, **40**: 9-10, **55**: 7, **88**: 35, **88**: 40
 Illustration **88**: 36 (Fig 2), **88**: 37 (Figs 3 & 4)
- S. obtusatum* **19**: 20-22, **23**: 6, **24**: 12, **26**: 19, **37**: 22, **38**: 21-22, **40**: 9, **53**: 39, **55**: 7
 Illustration **90**: 77 (Fig 1)
 Illustration (two clones) **19**: 21
- S. obtusatum* subsp. *boreale* **38**: 23, **55**: 7, **89**: 52-53
 Illustration **89**: 53 (Fig 1)
- S. obtusatum* subsp. *obtusatum* **38**: 23
 Illustration **90**: 88 (Fig 9)
- S. obtusatum* subsp. *paradisum* **38**: 20, **38**: 23
- S. obtusatum* subsp. *retusum* **38**: 23, **55**: 7, **88**: 40
- S. obtusifolium* (see *Phedimus obtusifolius*) **32**: 4, **41**: 28, **48**: 46
 Illustration **32**: 2, **32**: centerfold
- 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

- Illustration **21**: 17, **41**: 38, **73**: 56 (Fig 4)
- S. ochroleucum* subsp. *mediterraneum* (see *Petrosedum albescens*) **120**: 23
- S. ochroleucum* subsp. *montanum* **28**: 13
- S. ochroleucum* subsp. *orientale* **28**: 13-14
- S. orbatum* **17**: 22-23, **121**: 71-73
 Illustration **17**: 22-23, **121**: 71 (Fig 13), **121**: 72 (Fig 14)
 Illustration (Inflorescence) **121**: 72 (Fig 15)
- S. orbiculatum* BSWJ 723 **131**: 15
- S. oreades* **97**: 58
 Illustration **97**: cover, **97**: 58 (Fig 10), **114**: (Fig 3)
- S. oreganum* **4**: 17, **25**: 27, **29**: 13, **31**: 20, **34**: 6, **38**: 11, **39**: 19, **44**: 33, **45**: 69, **55**: 8
- S. oreganum* subsp. *tenue* **50**: 86, **55**: 8
- S. oregonense* **23**: 6, **38**: 11, **38**: 21, **40**: 9, **55**: 8
 Illustration **19**: 21
- S. oryzifolium* **10**: 3, **14**: 3-5, **26**: 14, **36**: 21, **45**: 61, **48**: 28, **77**: 52, **84**: 36
 Illustration **14**: 1, **14**: 4-5
- S. oryzifolium* 'Tiny Form' **38**: 18
- S. oteroi*
 Description **103**: 21-23
 Illustration **103**: 22 (Fig 26)
 Illustration (inflorescence) **103**: 23 (Fig 27-28)
 Illustration (root) **105**: 58 (Fig 1)
- S. oxycoccoides* **38**: 18, **42**: 54
 Illustration **10**: 1, **10**: 4
- S. oxypetalum* **22**: 11, **38**: 6, **38**: 18, **39**: 22
- S. pachyclados* (see *Rhodiola pachyclados*) **6**: 3-5, **42**: 59
 Illustration **6**: 1
- S. pachyphyllum* **21**: 23, **38**: 6
 Illustration **94**: 78 (Fig 10)
- S. pakistanicum* 'Sarwar' **37**: 20-21
- S. palaestinum* **41**: 48
- S. pallidum* **24**: 24, **26**: 6-8, **27**: 10, **36**: 20-21, **40**: 18, **44**: 30, **59**: 9-10, **91**: 2, **116**: 36-40, **116**: 39-40,
 Illustration **91**: cover, **116**: 39 (Fig 7), **116**: 40 (Figs 8 & 9)
- S. pallidum* var. *bithynicum* (see *Sedum bithynicum*)
- S. pallidum* var. *pallidum* **24**: 24, **26**: 8
- S. palmeri* **22**: 11, **31**: 22, **32**: 21, **34**: 20-21, **38**: 7-9, **40**: 17, **42**: 59, **43**: 20, **46**: 94, **46**: 96, **46**: 99, **50**: 85, **53**: 41-42, **73**: 57, **95**: 8, **96**: 43, **99**: 7, **103**: 6-9, **122**: 80-84
 Illustration **46**: 94, **95**: 8 (Fig 8), **99**: 8 (Fig 7), **103**: 7 (Figs 5a & 5c), **122**: 82 (Fig 4), **122**: 83 (Fig 5)
 Illustration (flower) **103**: 9 (Fig 7)
 Illustration (habitat) **122**: 80 (Fig 1)
 Illustration (petals) **103**: 7 (Fig 5b), **103**: 8 (Fig 6)
 Illustration (variation) **116**: 52 (Fig 31)
- S. palmeri* subsp. *emarginatum* **122**: 81
- S. palmeri* 'Guatemalan Mini'
 Description **90**: 92-94
 Illustration **90**: 93 (Figs 12 & 13)
- S. pamiroalaicum* **26**: 4, **28**: 23
- S. papillicaulum* **42**: 62, **43**: 20
- S. parvistamineum* **41**: 43

- S. parvum* **26**: 17, **42**: 62, **42**: 65
S. parvum subsp. *dendroides* **42**: 61, **42**: 63-64
S. parvum subsp. *diminutum* **18**: 34, **42**: 61
 Illustration **18**: 1, **18**: 3
S. parvum subsp. *nanifolium* **42**: 61
S. parvum subsp. *parvum* **42**: 61
S. parvum subsp. *robertsianum* **42**: 61
S. 'Pearson's Puzzle' **21**: 22, **38**: 7, **79**: 10
 Description **20**: 16-23
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S. pedicellatum **15**: 3, **45**: 72, **116**: 50-51, **127**: 7, **127**: 10-12
 Illustration **127**: 10 (Fig 10), **127**: 11 (Fig 12), **127**: 12 (Figs 13 & 14)
 Illustration (Colour variation) **127**: 11 (Fig 11)
S. pedicellatum subsp. *lusitanicum* **44**: 40
S. pedicellatum subsp. *pedicellatum* **44**: 40
S. perezdelarosae **114**: 111-112, **129**: 62-64
 Description **129**: 64-65
 Illustration **114**: 111 (Fig 21), **114**: 112 (Fig 22), **129**: 64 (Fig 23)
S. piactlaense
 Description **113**: 90-91
 Illustration **113**: 90-91 (Figs 18-21)
S. pilosum **18**: 12, **21**: 23, **32**: 12, **38**: 11
 Reclassification **71**: 12
S. platyphyllum **4**: 12, **22**: 3, **59**: 22-23
 Illustration **22**: 1, **22**: 4
S. plumbizincicola **108**: 38-40
 Illustration **108**: 40 (Fig 19)
S. plumasanum **40**: 9
S. pluricaule **21**: 23, **22**: 17, **23**: 6-7, **25**: 12-13, **47**: 16-18
 Illustration **47**: 19-20
S. pluricaule subsp. *ezawe* **38**: 18, **47**: 17
S. pluricaule var. *yezoense* **47**: 18
S. polyrhizum **97**: 48-52
 Illustration **97**: 48 (Fig 1), **97**: 49 (Fig 2a - d), **97**: 50 (Fig 3)
S. polystriatum **72**: 31-32, **122**: 103-104
 Illustration **72**: 31 (Fig 5), **122**: 104 (Figs 23 & 24)
S. polytrichoides **39**: 19, **41**: 43, **96**: 36
 Illustration **96**: 37 (Fig 11)
S. polytrichoides 'Chocolate Ball'
 Description **96**: 37-38
S. polytrichoides subsp. *polytrichoides* **96**: 38
S. populifolium (see *Hylotelephium populifolium*) **21**: 20, **21**: 23, **24**: 20, **29**: 22, **39**: 22,
 45: 58, **48**: 40
S. porphyranthes
 Description **99**: 14-16
 Illustration **99**: 14 (Fig 18), **99**: 15 (Fig 19)
 Illustration (flowers) **99**: 15 (Figs 20 & 21)
S. potosinum **7**: 4, **22**: 14, **24**: 5, **25**: 3, **26**: 18, **27**: 7, **29**: 13
S. praealtum **21**: 23, **22**: 13, **22**: 20, **26**: 16, **32**: 21, **34**: 19, **38**: 8-9, **43**: 20, **46**: 97, **53**: 42
 Cultivation **17**: 4
S. praealtum subsp. *monticola* **38**: 7

- S. praesidis* **27**: 9-10, **27**: 16, **27**: 20, **40**: 18, **41**: 48, **52**: 37
S. primuloides (see *Rhodiola primuloides*) **38**: 10-11
S. pruinaum (see *Petrosedum pruinaum*) **15**: 16, **26**: 12, **28**: 11, **28**: 16, **28**: 18, **28**: 21, **28**: 23, **40**: 13, **44**: 40, **45**: 72, **58**: 102-103, **59**: 15-22
S. pseudorupestre **98**: 83
S. pseudospectabile **41**: 43
S. puberulum **28**: 5, **29**: 3
S. pubescens **26**: 22, **35**: 9-10, **36**: 7, **50**: 75, **50**: 78, **50**: 80-81, **50**: 83
 Illustration **26**: 23, **50**: 83, **51**: 33, **107**: 3 (Fig x)
S. pulchellum **8**: 12, **28**: 24, **31**: 20, **36**: 20-21, **38**: 18, **43**: 3, **44**: 48, **55**: 8, **87**: 21-22, **106**: 90-92
 Distribution (USA) **106**: 91 (Fig 12)
 Illustration (inflorescence) **106**: 90 (Fig 10)
 Illustration (seedlings) **28**: 24
S. pumila **46**: 107
S. purdyi **46**: 97
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
 Illustration **55**: 59
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
 Illustration **104**: 50 (Fig 27)
S. reflexum subsp. *glaucescens* **22**: 10
S. reflexum subsp. *glaucum* **22**: 7
S. reflexum var. *albescens* **3**: 11, **13**: 19, **28**: 22
S. reniforme
 Identification **85**: 65-67
S. reptans **9**: 3-4, **26**: 24, **27**: 3, **27**: 7-8, **38**: 7-8, **43**: 20
 Illustration **9**: 1, **9**: 5, **83**: 19 (Fig 10), **91**: 8 (Fig 5)
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
 Illustration **110**: 88 (Fig 5)
S. rhodanthum (see *Rhodiola rhodantha*) **28**: 24
S. rhodocarpum **25**: 26, **41**: 43, **81**: 60-61
S. rhodocarpum subsp. *edwardii* **10**: 17, **25**: 26
 Illustration **10**: 17
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

- Illustration **91**: 8 (Fig 5)
- S. rohlenae* **44**: 32
- S. 'Rolling Rock'* **104**: 33-35
 Illustration **104**: 35 (Fig 4)
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- S. 'Ron Evans'*
 Description **12**: 12-14
 Illustration **12**: 12-13
- 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
 Illustration **5**: 7, **21**: 12
- S. roseum* **23**: 13, **23**: 15, **46**: 91
- S. rosulatobulbosum* **39**: 19
- S. rotundifolium* **26**: 4, **28**: 3, **28**: 6-7, **48**: 46, **131**: 16-20
 Illustration **28**: 1, **28**: 3
- 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, **123**: 13-14, **130**: 86, **131**: 12-14 (Figs 15 & 16), 22-24 (Figs 24 & 25)
 Distribution (Turkey) **108**: 32 (Fig 9), **111**: 18 (Fig 22)
 Illustration **38**: 1, **38**: centerfold, **41**: 25, **55**: 59, **85**: 63 (Fig 10a), **97**: 63 (Fig 23), **99**: 10 (Fig 12), **108**: 28-30, **111**: 5 (Fig 2), **115**: 5 (Fig 4), **115**: 14 (Fig 19), **118**: 100 (Fig 18), **118**: 104 (Fig 31), **118**: 107 (Fig 35), **123**: 13 (Fig 15)
- S. rubens* subsp. *delicum* **27**: 10, **40**: 18, **41**: 48
- S. rubens* subsp. *diploheptasoma* **60**: 29
- S. rubens* subsp. *rubens* **41**: 38
 Illustration **41**: 38
- S. rubens* var. *cosyrensis* **37**: 19, **41**: 39
- S. 'Rubromucronatum'* **4**: 4
- S. rubrotinctum* **17**: 14, **29**: 14, **30**: 3
- S. rubrotinctum* '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
 Illustration **28**: 21
 Illustration (inflorescences) **28**: 10
- S. rupestre* subsp. *erectum* (see *Petrosedum rupestre* subsp. *erectum*) **28**: 14-15, **28**: 18, **28**: 20, **48**: 32
 Illustration **28**: 9
- 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
 Illustration **42**: 60
- S. rupifragum* **38**: 18
- S. salazarii*

- Description **109**: 70-73
 Illustration **109**: 70 (Figs 21a, 21b & 22), **109**: 71 (Figs 23, 24 & 25), **109**: 72 (Figs 26 & 27)
 Illustration (inflorescence) **109**: 72 (Figs 28a & b)
- S. samium* **15**: 12, **40**: 18
- S. samium* subsp. *micranthum* **107**: 21-22
 Illustration **107**: 21 (Fig 32), **107**: 22 (Fig 33)
- S. samium* subsp. *samium* **112**: 36-37, **112**: 39
 Distribution map (Turkey) **111**: 18 (Fig 22)
 Illustration **112**: 37 (Figs 8-10)
- S. sanguineum* **41**: 48
- S. 'Santa Barbara'*
 Description **103**: 18-19
 Illustration **103**: 19 (Figs 22 & 23)
- 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, **126**: 82
 Illustration **47**: 27, **48**: 36, **126**: cover
 Illustration (Distribution USA) **126**: 82
- S. sarmentosum* subsp. *hillebrandtii* **22**: 8
- S. sarmentosum* 'lijima' **48**: 29, **48**: 36
 Illustration **75**: 13 (Fig 14)
- 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
 Illustration **41**: 39, **77**: 56 (Figs 3 & 4)
x Sedum montanum **21**: 12
- S. sediforme* var. *dianum* **44**: 40, **80**: 43-44
- S. sedoides* **39**: 14, **102**: 94-95, **128**: 26
 Illustration **102**: 94 (Fig 4), **128**: 26 (Fig x)
- S. sekitiense* **4**: 5, **38**: 11, **48**: 35-36
- S. selskianum* (see *Sedum selkianum*) **41**: 28, **43**: 12
 Illustration **43**: 12
- S. selskianum* (see *Sedum selkianum*) **37**: 13, **38**: 11
- S. semenowii* **28**: 24
- S. sempervivoides* **22**: 17, **32**: 12
- S. series* 'Angelica' **49**: 67-69
- S. series* 'Macronesia' **49**: 69
- S. serpentini* **5**: 4, **40**: 18, **41**: 48
 Illustration **5**: 1, **5**: 5
- 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, **128**: 36-40
 Cultivation **19**: 3

- Illustration **109**: 65 (Fig 15)
 Illustration (distribution, Bulgaria) **128**: 39 (Fig 17)
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- S. sexangulare* fm. *montenegrinum* **130**: 84
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- 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
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- S. spurium* subsp. *ibericum* **41**: 43
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- S. stahlii* **27**: 3-5, **30**: 3, **31**: 22, **35**: 21, **35**: 22, **38**: 8, **42**: 59, **46**: 93, **46**: 98, **48**: 45
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- S. stefco* **38**: 10-11, **40**: 18, **52**: 31, **55**: 12-13, **56**: 42, **84**: 28-29, **92**: 26
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- 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. stenopetalum* subsp. *radiatum* **41**: 43
- S. steudelii* **15**: 14, **30**: 20, **72**: 29, **80**: 28-29
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- S. stoloniferum* **32**: 14, **35**: 11, **38**: 11, **39**: 19, **41**: 43, **44**: 43
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- S. subulatum* (see *Petrosedum subulatum*) **72**: 29-30, **72**: 35, **122**: 99-103
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- S. tetractinum* **21**: 21-22
- S. telephioides* (see *Hylotelephium telephioides*) **29**: 13, **37**: 21, **41**: 27, **42**: 69
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- 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
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- S. telephium* subsp. *purpurascens* **22**: 10
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- S. telephium* subsp. *telephium* **31**: 18
- S. telephium* var. *borderi* **24**: 13
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- S. telephium* 'Autumn Joy' **38**: 11
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- S. verlotii* (see *Petrosedum ochroleucum*) **50**: 85
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- 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. wrightii* subsp. *densiflorum* **14**: 20-21, **55**: 9
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- S. wrightii* subsp. *priscum* **55**: 9
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- U. horizontalis* **42**: 52-53, **44**: 41-42, **46**: 89, **52**: 52, **56**: 46, **73**: 54, **73**: 56, **98**: 87, **99**: 11, **123**: 14-15
Distribution map (Turkey) **111**: 18 (Fig 22)
Illustration **99**: 11 (Fig 13)
Illustration (Morocco) **123**: 14 (Fig 19)
- 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, **127**: 8
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. cucullata subsp. *apiculata* **125**: 52-53
 Illustration **125**: 52 (Figs 1&2), **125**: 53 (Figs 3-5)
V. elongata **46**: 107
V. imbricata
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V. parviflora **73**: 67-68
V. ramosissima **42**: 60, **42**: 67
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V. squamulosa **73**: 64, **93**: 59
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 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 *C.* 'Pruinosa' **108**: 40-42
 Illustration **108**: 41 (Fig 19b & 20a)
- x** *Aeonichryson* **126**: 96
x *Aeonichryson aizoides* **126**: 96
x *Aeoniogreenovia* **126**: 96
x *Bryokalanchoe* **126**: 96
x *Cremnadia* **126**: 96
- x** *Cremnopetalum* **126**: 96
x *C.* 'Fred Wass' **78**: 95-97
 Illustration **78**: 95 (Figs 11 and 12), **78**: 96 (Figs 13 & 14)
- x** *Cremnosedum* **126**: 96
x *C.* 'Crocodile' **87**: 4, **87**: 6
x *C.* 'First Foundling'
 Description **87**: 4-6
 Illustration **87**: 4 (Fig 1), **87**: 5 (Figs 1b & 1c)
x *C.* 'Little Gem' **87**: 6
 Illustration **101**: 75 (Fig 19)
x *C.* 'Pearson Surprise'
 Description **86**: 82-83
 Illustration **86**: 82 (Fig 6a & 6b)
- x** *Cremsonella* **126**: 96
- x** *Dudleveria* **126**: 96
x *D. spiralis* **126**: 96
- x** *Dudledon* **126**: 96

- x *Echenesia* 126: 96
- x *Echepetalum* 126: 96
- x *Echephytum* 126:96
- x *Echesula* 126: 97
- x *Grapsonella* 126: 97
- x *Graptoladia* 126: 97
- x *Graptopetalum* 'Ghosty' 88: 46
- x *Graptophyria* 123: 17, 126: 97

- x *Graptosedum* 126: 97
- x G. sp. Description 91:5
Illustration 91: 4 (Fig 1, 2 & insert)
- x G. 'Blue Giant' 90: 94-95
Illustration 90: 94 (Fig 14), 90: 95 (Fig 15)
- x G. 'California Sunset'
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- x G. 'Francesco Baldi' Description 19: 18-19
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- x G. 'Ghosty' 88: 46
- x G. 'Mediterranean Mystery'
Description 86: 85-87
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- x *Graptovedum* 123:17, 126: 97

- x *Graptoveria* 126: 97
- x G. 'A Grim One' 83: 23,
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- x G. 'Acaulis' 89: 58-61
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- x G. 'Caerulescens' 89: 60
- x G. 'Calva' 89: 60-61
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- x G. 'Fanfare'
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- x G. 'Gloria' 122: 106-107
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- x G. 'Haworthioides' 89: 59
- x G. 'Kew Marble' 42: 60, 43: 3
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x *Pachyveria* 'Calypso'

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x *Pachyveria* 'Clavifolia' **83**: 8-9, **86**: 87-90, **89**: 59

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x *Pachyveria* 'Elaine' **88**: 46

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x *Pachyveria* 'Elaine Reinelt' **88**: 46

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x *Pachyveria* 'Glauca' **84**: 43-44, **89**: 59

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- x *Sedeveria* 'Colossal' **99**: 18
- x *Sedeveria* 'Darley Dale' **99**: 18
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- x *Sedeveria* 'Doinet' **99**: 18
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- x *Sedeveria* 'Fanfare' **92**: 23, **92**: 27, **99**: 18
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- x *Sedeveria* 'Harry Butterfield' **99**: 19
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- x *Sedeveria* 'Jet Beads' **49**: 60, **99**: 19, **105**: 72-73
 - Illustration **105**: 72 (Fig 15)
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- x *Sedeveria* 'Letizia' **76**: 28-29, **99**: 19
 - Illustration **76**: 28 (Fig 1), **76**: 29 (Fig 2 & 3)
- x *Sedeveria* 'Liège Commixion' **99**: 19
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 - 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)
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- x *Sedeveria* 'Southern Belle' **99**: 20
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- x **Taciveria** **126**: 99
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- x **Thompsophytum** **126**: 99
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