

**Second Supplement to  
Eagle's Complete  
Trees and Shrubs  
of New Zealand  
Historical Notes**

This supplement contains the specific locality of where, by whom and when, the specimens illustrated in *Eagle's Complete Trees and Shrubs of New Zealand*, were collected.

Audrey Eagle

Dunedin

2014

- Page
- 3 ***Dacrycarpus dacrydioides***: female cone September from Hakarimata Range, Ngaruawahia, collected by Audrey Eagle. Fruit March 1963 from Piriaka, near Taumarunui.
- 5 ***Prumnopitys ferruginea***: female and male cones September 1961 from cultivated plants. Fruit March from Ngutunui, Mt Pirongia.
- 7 ***P. taxifolia***: female and male cones November 1964, fruit March from Toby (E D) Gilbert's farm, Waingarō Road, Ngaruawahia. Collected by Audrey Eagle.
- 9 ***Podocarpus totara* var. *totara***: female and male cones March from Piriaka, near Taumarunui, seeds from Takaka, January.
- 9 ***P. totara* var. *waihoensis***: female cone November 1992 from Cowhide Bridge No.2 Harihari, Central Westland. Collected by Gerry McSweeney. Seed from same locality January 1992, collected by Audrey Eagle. Male cone from a cultivated plant originally from Waiho River Valley, South Westland.
- 11 ***P. acutifolius***: male and female cones January 1971 from Nelson Lakes. Seeds March 1963 from a cultivated plant. Supplied by Athol Caldwell.
- 13 ***P. hallii***: cones December 1970 from Kaimai Range, Katikati. Seeds May 1963 from a plant cultivated by Athol Caldwell. Collected by Audrey Eagle.
- 15 ***P. nivalis***: female cone November 1967 and spent male cones from Mt Ruapehu. Fresh male cones January 2000 from Mt Lyford, Marlborough.
- 17 ***Halocarpus kirkii***: juvenile branchlet and fruiting branchlet April 1970 from Coromandel Peninsula. Female and male cones September 1970 from Oratia, Auckland.
- 19 ***H. bidwillii***: male and female cones November from Mt Ruapehu. Seeds from Arthur's Pass, January. Female cones collected by Audrey Eagle.
- 21 ***H. biformis***: branchlet November 1970 from Mt Ruapehu collected by Audrey Eagle. Seeds March, Mt Ruapehu.
- 23 ***Dacrydium cupressinum***: female cones from Hakarimata Range, Ngaruawahia, male cones from a cultivated plant. Seeds December 1965 from Maungakawa, Cambridge. Collected by Audrey Eagle.
- 25 ***Lepidothamnus intermedius***: male cones April from Neavesville Track, Coromandel Peninsula. Branchlets from Coromandel.
- 27 ***L. laxifolius***: female and male cones November, seed January 1968 from Mt Ruapehu. Collected by Audrey Eagle.
- 29 ***Manoao colensoi***: female and male cones September 1959 and seeds May, all from plants cultivated by Athol Caldwell of Hamilton.
- 31 ***Phyllocladus toatoa***: male cone from a cultivated by plant, female cone from Kaimai Range November 1985. Seed February 1986 supplied by Brian Molloy.
- 33 ***P. trichomanoides* (i)**: female and male cones September 1961, seeds April from Turangawaewae Pa, Ngaruawahia. Collected by Audrey Eagle.
- 35 ***P. trichomanoides* (ii)**: male and female flowers September 1989 from Surville Cliffs, North Cape. Collected by Brian Molloy and Lisa Forester. Fruit March 1999 from a plant cultivated by

Helen Druce. Juvenile leaves (outline) December 1999 collected by Peter de Lange.

- 37 ***P. alpinus*** (i): Mt Ruapehu January 1968 collected by Audrey Eagle.
- 39 ***P. alpinus*** (ii): branchlet February 1993 from Mt Owen, North West Nelson, collected by Tony Druce at 1200 m.
- 39 ***P. alpinus*** (iii): branchlet top right February 1993 from Mt Owen, North West Nelson, collected by Tony Druce. Female cones November 1998 and seeds April 1998 from a plant cultivated at Lincoln, Brian Molloy. Male cone and small branchlet (lower right) September 1999 from Dew Lakes, Bryant Range, collected by Cathy Jones.
- 41 ***Libocedrus bidwillii***: female and male cones November 1970, ripe cone March 1971, all from Mt Ruapehu. Collected by Herb Spannagle.
- 43 ***L. plumosa***: female cone September 1966 from a plant cultivated by Athol Caldwell. Ripe cone March from Waitakere Ranges.
- 45 ***Agathis australis***: branchlet with male cone and mature cone October 1954 from Taupiri Range, Waikato. Collected by Audrey Eagle. Young female cone from a cultivated plant.
- 47 ***Pseudowintera colorata***: flowers September fruit April from Mt Pirongia. Section through fruit from Gordon Park, Gore. Collected by Audrey Eagle.
- 49 ***P. axillaris***: flowers October fruit April from Maungatautari, Cambridge. Collected by Audrey Eagle.
- 49 ***P. traversii***: flowers February 1981 from a cultivated plant originally from Mt Burnett, North West Nelson grown in Christchurch Botanic Gardens. Fruit October 1977 from a plant cultivated at Waipahihi Reserve Botanical Gardens, Taupo by Ngarita Travers.
- 51 ***Beilschmiedia tarairi***: flowers August 1965 from Omana near Clevedon, fruit May. Collected by Audrey Eagle.
- 53 ***B. tawa***: flowers November 1967 from Hakarimata Range, Ngaruawahia. Drupe from Kawhia June 1968. Collected by Audrey Eagle.
- 55 ***B. tawaroa***: branchlet January 1982 from type tree, Motumuka (Lady Alice Island), Hen and Chickens Islands. Collected by Anthony Wright.
- 57 ***Litsea calicaris***: flowers, October 1964 from Maungatautari, Cambridge. Fruit from Waitomo, October. Collected by Audrey Eagle.
- 59 ***Cassytha paniculata***: flowers September 1970, fruit March 1971 from near Kaitaia. Collected by Ross Michie.
- 61 ***Hedycarya arborea***: male flowers November 1956 from Hakarimata Range, Ngaruawahia, collected by Audrey Eagle. Fruit and female flower Kaimai Range, December 1970. Section through fruit April 2003 from Rangitata Range. Collected by Graeme Jane.
- 61 ***H. aff. arborea***: from a cultivated plant November 1999, originally from Manawa Tawhi (Great Island), Three Kings Islands. Collected by Peter de Lange.
- 63 ***Laurelia novae-zelandiae***: flowers October, Hakarimata Range, Ngaruawahia. Achenes February 1967 from Kirks Bush, Auckland. Collected by Audrey Eagle.
- 65 ***Clematis paniculata***: flowers September 1967 and achenes January 1968 from Hakarimata Range, Ngaruawahia. Collected by Audrey Eagle.

- 67 ***C. forsteri*** (i): flowers October 1974, achenes January 1975 from Taupo. Collected by Audrey Eagle.
- 69 ***C. forsteri*** (ii): (upper illustration) Castle Hill Station, Arthur's Pass Road 1993 collected by Audrey Eagle. Ripe achene April 2003. (Lower illustrations) cutting November 1996 grown by Joe Cartman from a plant originally from Wairau Valley, Marlborough.
- 71 ***C. forsteri*** (iii): female flowers November 1996 from a cultivated plant, grown by Joe Cartman, originally from Red Hills, Nelson.
- 71 ***C. forsteri*** (iv): branchlet July 2002 collected by Cathy Jones and Jan Clayton-Greene south of Oaro, Kaikoura Coast.
- 71 ***C. forsteri*** (v): branchlet December 2003 from a plant cultivated by Joe Cartman, originally from Cook Strait area. Supplied by Tony Druce.
- 73 ***C. petriei***: both specimens from plants cultivated by Joe Cartman originally from Porters Pass, Canterbury.
- 75 ***C. foetida***: seedhead November 1979 from Peel Forest, Canterbury. Collected by Brian Molloy. Juvenile leaves October 1980 from Tony Druce. Flowers November 1979 from Whanganui area collected by Pauline Mayhill and Kathleen Gray.
- 77 ***Clematis cunninghamii***: female flowers October from Lake Okataina, Rotorua. Male flowers December from Te Kuiti area.
- 77 ***C. marmoraria***: female flowers from Hoary Head, North West Nelson. Collected by Barry Sneddon. Male flowers from a plant cultivated by Barry Sneddon.
- 79 ***C. afoliata***: female flowers September 1979 from Okains Bay, Banks Peninsula, collected by Brian Molloy. Male flowers October 1975 from a cultivated plant grown at Otari Native Plant Reserve, supplied by Ray Mole. Achenes from Woodside Gorge, Marlborough, supplied by Margaret Parsons. Collected by Audrey Eagle.
- 81 ***C. marata***: male flowers from a cultivated plant, female flowers wild, both November 1980 from Broken River, Canterbury. Collected by Joe Cartman.
- 83 ***C. quadribracteolata***: male and female flowers September, achenes December, from a plant cultivated by Tony Druce originally from Puketitiri-Balls Clearing, Hawke's Bay.
- 85 ***Ascarina lucida*** var. ***lucida***: flowers October 1967, fruit February 1967 from a cultivated plant supplied by Stewart Gray, Tirau, Waikato.
- 87 ***A. lucida*** var. ***lanceolata***: branchlet November 1994 from Raoul Island crater. Collected by Ewen Cameron.
- 89 ***Macropiper melchior***: flowering spikes March 1991, fruiting spike March 1992 from a cultivated plant originally from Three Kings Islands, supplied by Ewen Cameron.
- 91 ***M. excelsum*** ssp. ***excelsum***: female and male spikes October 1956 from Kaiua, Thames Estuary. Collected by Audrey Eagle. Fruiting spike February 1971 Kaikoura. Seeds from New Plymouth collected by Val Smith.
- 93 ***M. excelsum*** ssp. ***psittacorum***: branchlet 1994 from a cultivated plant supplied by Ewen Cameron. Flowering spikes June 1999 from Raoul Island collected by Carol West. Ripe fruit and seeds November 1999 collected by Carol West.
- 95 ***M. excelsum*** ssp. ***peltatum*** f. ***peltatum***: flowering spikes July-August 1991. Fruit February 1992 from a cultivated plant supplied by Eion Scarrow originally from Poor Knights Island.

- 97 *M. excelsum* ssp. *peltatum* f. *delangei*: female flowering spike November 1999 from a cultivated plant originally from South West Island, Three Kings Islands. Male spike from North East Island November 1989, collected by Lisa Forester. Fruit North East Island December 1996, collected by Peter de Lange.
- 97 *Melicytus* aff. *ramiflorus*: female flowers December 1996 from a cultivated plant, Auckland Regional Council Botanic Garden, supplied by Steve Benham. Male flowers April 1999, supplied by Lisa Forester. Fruit April 1996 from Manawa Tawhi (Great Island), Three Kings Islands, collected by Peter de Lange.
- 99 *M. ramiflorus*: flowers October 1955 from Claudelands Bush, State Electricity Department, Hamilton. Fruit March from Raglan, Waikato. Outline of large leaf and details of fruit August 2000. Collected by Audrey Eagle.
- 101 *M. macrophyllus*: flowers October from a cultivated plant. Berries May 1967 from Waitakere Ranges.
- 103 *M. lanceolatus*: flowers October 1954 from a cultivated plant, Claudelands Bush, State Electricity Department, Hamilton.
- 105 *M. micranthus*: male flowers March from Kopu-Hikuai area, Coromandel Peninsula. Female flowers from Claudelands Bush, State Electricity Department, Hamilton. Collected by Audrey Eagle. May from Tawhei, Morrinsville, collected by Peggie Jenner.
- 107 *M. novae-zelandiae*: flowers October 2001 from a plant cultivated at Lincoln, supplied by Brian Molloy. Berries March from Moturiki Island, Mt Maunganui. Large leaf in outline from Stephens Island, Marlborough Sounds, collected by Shannel Courtney.
- 107 *M. obovatus*: flowers October 2001, from a plant cultivated by Tony Druce, originally from Takaka Hill. Fruit June, from a plant cultivated at Lincoln, supplied by Brian Molloy.
- 109 *M. aff. obovatus* (i): flowers September, berries April 1981, from a plant cultivated by Tony Druce.
- 111 *M. aff. obovatus* (ii): flowers October, fruit February 2004, from a plant cultivated by Shannel Courtney, originally from Mt Burnett, North West Nelson.
- 113 *M. aff. obovatus* (iii): male flowers October 1993 from Mt Owen. Collected by Tony Druce.
- 113 *M. aff. novae-zelandiae*: flowers February from Stephens Island, Marlborough Sounds. Collected by Brian Molloy and Shannel Courtney.
- 115 *M. drucei*: flowers November 1977, fruit April from Ahukawakawa Swamp, Mt Taranaki. Collected by Tony Druce.
- 115 *M. crassifolius*: flowers September fruit March from a plant cultivated by Tony Druce originally from Woodside Gorge, Marlborough.
- 117 *M. aff. crassifolius*: flowers October 2001 from Woodside Creek, Marlborough. Collected by Brian Molloy.
- 117 *M. chathamicus*: flowers September, fruit February 2001 from a cultivated plant. Supplied by Brian Molloy.
- 119 *M. alpinus*: flowers October 2001, fruit May from a plant cultivated at Lincoln originally from Ashburton. Supplied by Brian Molloy.
- 119 *M. aff. alpinus* (i): flowers October 2000 from Rough Ridge, Ida Valley near Naseby, Otago.

Collected by Rory Logan. Identified by Brian Molloy.

- 119 *M. aff. alpinus* (ii): flowers October from a cultivated plant originally from Tinline Valley, Pelorus Catchment, Marlborough. Collected by Tony Druce.
- 121 *M. aff. alpinus* (iii): flowers October 2001 from Rarangi Creek, Marlborough. Collected by Brian Molloy. Fruit January 2000 from Cemetery Bush Reserve, 20 km north of Kaikoura. Collected by Audrey Eagle.
- 121 *M. aff. alpinus* (iv): flowers October 2000 from a cultivated plant at Christchurch Botanic Gardens originally from Lake Lyndon, Canterbury, collected by Brian Molloy. Fruit February 2000 from same source.
- 123 *M. aff. alpinus* (v): plant 'A', open scree plants from above Stella Lake, Mt Lyford, Amuri Range, South Marlborough December 1999. Collected by Audrey Eagle. The lowland sheltered form 'B': flowers October 1993 from a plant cultivated by Tony Druce originally from Kaikoura. Fruit August 1998 from a plant cultivated at Percy's Reserve by Robyn Smith. On Plant 'A' a shade form branchlet similar to that on Plant 'B' was seen. Personal comment Audrey Eagle.
- 125 *M. aff. alpinus* (vi): flowers October 1979 from Matiri Range, North West Nelson. Fruit from a cultivated plant, March. All supplied by Tony Druce.
- 127 *M. aff. alpinus* (vii): collection of specimens from Lake Lyndon area and from Southern Ashburton made by Brian Molloy and Tony Druce September 1976. Repeated by them in 1993. Flowers and fruit from a cultivated plant originally from Mt Peel, Canterbury.
- 127 *M. flexuosus*: flowers November 1976 from a cultivated plant, originally from Maruia Valley, northern Westland. Fruit April from Mataroa, north west of Taihape. Collected by Tony Druce.
- 129 *Tetragonia tetragonioides*: flowers and fruit October 1979 from a plant cultivated by Tony Druce.
- 131 *T. implexicoma*: flowers December, from Stewart Island, fruit from Pukerua Bay, supplied by Colin Ogle.
- 131 *Muehlenbeckia ephedroides*: flowers November 1977, fruit March 1978 from a plant cultivated by Landcare Research, Lincoln. Supplied by Brian Molloy.
- 133 *M. australis*: male flower November, from Kawhia, Waikato, fruit March from Kaimai Range, Bay of Plenty. Two views of seed from Otago 2003, collected by Audrey Eagle.
- 133 *M. complexa* (i): flowers January from Blenheim Coast, fruit August 1970 from Omana, Firth of Thames. Collected by Audrey Eagle.
- 135 *M. astonii*: flowers and fruit December 1954 from a plant cultivated at Caldwell Bush, State Electricity Department, Hamilton. Collected by Audrey Eagle.
- 135 *M. axillaris*: flowers and fruit April from a cultivated plant.
- 137 *M. sp.* : flowers February 1992, fruit January 1993 from cultivated plants at Landcare Research, Lincoln, originally from Chatham Islands, supplied by Brian Molloy.
- 139 *M. complexa* (ii): male flowers from South West Island, Three Kings Islands. Female flowers December and fruit April, from a cultivated plant. Collected by Peter de Lange.
- 139 *Atriplex cinerea*: Female plant December, cultivated at Auckland Regional Council Botanic Garden, supplied by Steve Benham. Original plant from Waimea Inlet, Nelson. Collected by Peter de Lange. Male December 2004 also from Waimea Inlet collected by Shannel Courtney. Seed capsules from the Auckland plant.

- 141 ***Fuchsia excorticata***: flowers November 1967 from Marakopa, near Waitomo. Fruit February 2003, from Hakarimata Range, Ngaruawahia. Section through fruit and seeds from Tautuku, Catlins, Otago. All collected by Audrey Eagle.
- 143 ***F. perscandens***: flowers October 1976 from a cultivated plant grown by Peggie Jenner. Fruit December from Taumarunui area.
- 145 ***F. procumbens***: flowers and fruit February 1970 from a cultivated plant. Section through fruit June 2000.
- 147 ***Pisonia brunoniana***: flowers December, fruit July 1967, from a cultivated plant supplied by Muriel Fisher.
- 149 ***Pimelea longifolia*** (i): flowers October 1965, fruit March 1966 from a cultivated plant supplied by Athol Caldwell.
- 151 ***P. longifolia*** (ii): flowers October 1991 from Mt Holdsworth, Tararua Range, cultivated at Pinehaven and supplied by Tony Druce. Seeds January 2000 from Kaiparoro Summit, Wairarapa, collected by Beth Andrews and Emile Schmiegl.
- 151 ***P. longifolia*** (iii): flowers October 1979 from a cultivated plant originally from Takaka Valley, North West Nelson, collected by Tony Druce.
- 153 ***P. sp.*** (i): flowers January 1995 from cultivated plants supplied by John Barkla. Details of flowers also from cultivated plants supplied by Tony Silbury, May 1996. Section of flower, from a cultivated plant, supplied by Robyn Smith.
- 153 ***P. sp.*** (ii): flowers January 1992, and both pink and white drupes from Cardrona ski field, Pisa Range, Otago. Collected by Audrey Eagle.
- 153 ***P. aff. tomentosa*** (i): flowers and fruit October 1991 from South West Island, Three Kings Islands. Collected by Peter de Lange.
- 153 ***P. aff. tomentosa*** (ii): flowers and branchlet October 1999 from a cultivated plant originally from Surville Cliffs, North Cape. Collected by Peter de Lange.
- 155 ***P. aridula***: flowers October 1996 Pisa Range, Otago, collected by Neill Simpson. Seed December 2000 from above Roaring Meg Power Station, Pisa Range. Collected by Rory Logan.
- 155 ***P. aff. aridula*** (i): flowers December 1996 from a cultivated plant originally from Moawhango Gorge, central North Island. Fruit January 1997, collected by Colin Ogle and Geoff Rogers.
- 155 ***P. aff. aridula*** (ii): flowers August 1996 and fruit May 1997 originally from Pipinui Point, Wellington Coast. Collected by Tony Silbury from plant cultivated at Percy's Reserve, Hutt Valley, Wellington by Robyn Smith.
- 157 ***P. aff. aridula*** (iii): flowers September 1979, from a cultivated plant originally from Waima River area; fruit January 1980 from Chalk Range, both from Marlborough and both supplied by Tony Druce.
- 157 ***P. aff. aridula*** (iv): flowers and fruit December 1994 originally from Te Mata Peak, Hawke's Bay. Collected and cultivated by Colin Ogle.
- 159 ***P. aff. aridula*** (v): flowers and fruit April 1980 from Mt Taraponui, Maungaharuru Range, Hawke's Bay. Collected by Tony Druce and Ken Haydock.
- 159 ***P. sp.*** (iii): flowers October 1988 originally from Mt Cheeseman, Castle Hill Basin, Canterbury. Fruit from Cave Stream, Trelissick Basin, Canterbury. Collected and cultivated by Tony Druce.

- 161 ***P. microphylla***: flowers January 1978 from Desert Road, central North Island. Collected by Audrey Eagle. Fruit March 1978 from Southern Ruapehu. Collected by Tony Druce.
- 161 ***P. pseudolyallii***: flowers December from Trotters Gorge, Otago. Collected by Peter Johnson. Fruit February 1979 from Little Mt Peel, Canterbury. Collected by Brian Molloy.
- 161 ***P. gnidia*** (i): fruit February 1980 from Rimutaka Range, Wellington. Collected by Tony Druce.
- 161 ***P. gnidia*** (ii): flowers November 1978 from cultivated plants originally from Motueka River, Nelson. Collected by Tony Druce.
- 161 ***P. pulvinaris***: flowers October 1979, fruit February 1980 from near Lake Ohau, Canterbury. Collected by John Anderson.
- 163 ***P. prostrata***: male flowers October 1973 from the Desert Road, central North Island. Fruit December 1973 from a cultivated plant grown by Peggie Jenner. Female flower December 1973 from a cultivated plant originally collected by S. Cosson from Pureora, central North Island.
- 163 ***P. sericeovillosa*** (i): female flowers November 1976 from a cultivated plant originally from Wairau Mountains, Marlborough. Supplied by Tony Druce.
- 163 ***P. sericeovillosa*** (ii): hermaphrodite flowers December 1988 from Fenella Track, Cobb Valley, North West Nelson. Collected by Tony Druce. Fruit January 1998 cultivated at Percy's Reserve, originally from Cobb Valley. Supplied by Robyn Smith, Percy's Reserve, Hutt Valley, Wellington.
- 165 ***P. tomentosa***: flowers and fruit September 1972 from Te Kuiti, King Country. Collected by Nan Parks.
- 165 ***P. buxifolia***: male flowers October 1974 from Waipahihi Reserve, Taupo, supplied by Ngarita Travers. Female flowers Mt Ruapehu, collected by Norman Judd. Fruit January 1975 from Waipahihi Reserve, Taupo.
- 165 ***P. arenaria*** (i): female flowers October 1978 from Karikari Beach, Northland. Collected by Pauline Mayhill. Male flowers and fruit October from Whangamata, Coromandel Peninsula. Collected by Paul Eagle.
- 165 ***P. arenaria*** (ii): flowers and fruit February 1977 from Whangaehu River mouth, Taranaki. Collected by Colin Ogle.
- 167 ***P. oreophila***: flowers October 1977 from near Queenstown, collected by Pauline Mayhill. Fruit January from "The Wilderness Reserve" Main Road, near Lake Manapouri.
- 167 ***P. concinna***: flowers November 1977, from Mt St Patrick, St James Range, North Canterbury. Flowers and fruit collected by Tony Druce.
- 167 ***P. traversii***: male flowers November 1978 from Chalk Range, Marlborough. Collected by Tony Druce. Female flowers and fruit from Woodside Gorge, Marlborough. Collected by Margaret Parsons.
- 167 ***P. suteri***: male flowers natural size collected November 1979 from Asbestos Creek, Takaka Valley, North West Nelson, by Tony Druce. Flowers, shown enlarged, 1981 from Dun Mountain, Nelson, also collected by Tony Druce. Fruit January 1978 from Dun Mountain. Collected by Audrey Eagle.
- 169 ***P. sp.*** (iv): flowers October 1999 from Mt Manaia, Whangarei. Collected by Wayne Parr.
- 169 ***P. poppelwellii***: flowers January 1992 from Nevis Valley, Hector Mountains, Otago. Collected by Audrey Eagle.



- 171 ***P. crosby-smithiana***: flowers December 1980 from The Hump, near Lake Hauroko, Western Southland, collected by Lawrie Metcalfe.
- 171 ***P. urvilleana***: flowers September 1981 from Cape Palliser, Wairarapa. Collected by Tony Druce.
- 171 ***P. lyallii***: flowers December 1978 from Stewart Island, fruit March 1980 from Native Island, Stewart Island. Collected by Hugh Wilson.
- 173 ***Toronia toru***: male flower September 1970, from a cultivated plant. Female flower from photo taken by John Braggins. Fruit April from Mamaku Plateau, Bay of Plenty. Juvenile leaf, Matata Reserve, Kaimai Range.
- 175 ***Knightsia excelsa***: flowers November 1966 from Claudelands Bush Reserve, Hamilton. Fruit June 1967 from Hakarimata Range, Ngaruawahia. Collected by Audrey Eagle.
- 177 ***Coriaria arborea***: flowers November 1968 from Hakarimata Range, Ngaruawahia, fruit December 1967. Both collected by Audrey Eagle.
- 179 ***C. sarmentosa***: flowers November 1977 from Cape Palliser, Wairarapa, fruit January, collected by Tony Druce.
- 181 ***C. kingiana***: flowers December 1979 from Te Waka Range, Hawke's Bay. Fruit December 1979, Turakina River, south of Whanganui. Collected by Tony Druce.
- 183 ***C. pteridoides***: flowers January 1975 from Mt Ruapehu. Collected by Audrey Eagle.
- 185 ***C. sp.***: flowers October 1978, fruit December 1978, collected by Tony Druce from Mt Tapokopoko in the Remarkable Range.
- 187 ***C. pottsiana***: flowers December 1980, fruit February 1981, collected by Pauline Mayhill from Mt Hikurangi, Raukumara Range.
- 189 ***C. plumosa***: flowers December 1977 from Milford Track. Collected by Audrey Eagle. Fruit Mt Hikurangi, Raukumara Range.
- 191 ***C. angustissima***: flowers from Arthur's Pass January 1969, fruit from Hooker Valley, Mt Cook.
- 193 ***Pittosporum huttonianum***: flowers October 1977 from a cultivated plant originally from Kauaeranga Valley near Thames. Fruit June 1975. Collected by Tony Druce.
- 195 ***P. kirkii***: flowers December 1973 from Kaitaia collected by Ross Michie. Green fruit, October, from Mt Hobson, Great Barrier Island, and ripe capsules February 1977, collected by John Bartlett.
- 197 ***P. ralpii***: flowers November 1977, fruit February 1977 from a cultivated plant supplied by Ron McKenzie.
- 197 ***P. ellipticum***: pink flowers from a cultivated plant originally from East Cape. Supplied by Marc Heginbotham from Hukutaia Domain, Opotiki, Bay of Plenty. Red flowers also cultivated and from East Cape, supplied by Tony Druce. Yellow flowers September from another cultivated plant originally from Mt Honokawa, Raukumara Range. Capsules March 1978 from East Cape collected by Marc Heginbotham.
- 199 ***P. serpentinum***: branchlet April 1979 from Surville Cliffs, North Cape, collected by John Bartlett and Tony Druce. Flowers October 1990 illustrated from a photograph by Gillian Crowcroft and collected by Peter de Lange. Ripe fruit August.
- 199 ***P. fairchildii***: flowers and fruit August originally from Three Kings Islands. Supplied by Ross Michie.

- 201 ***P. dallii***: flowers December 1974 from Cobb Valley, North West Nelson. Collected by Ken Haydock. Fruit August 1976 also from Cobb Valley, collected by John Bartlett.
- 203 ***P. umbellatum***: flowers August 1969 from Colville Range, Coromandel Peninsula. Fruit March 1971 from Coromandel Peninsula. Juvenile leaves from Little Barrier Island, May 1977.
- 205 ***P. eugenioides***: flowers October 1954 from a cultivated plant in Caldwell Bush, New Zealand Electricity Department, Hamilton. This native plant area was initiated by Athol Caldwell when he was District Electrical Engineer for the Waikato. Collected by Audrey Eagle.
- 207 ***P. tenuifolium***: flowers October, fruit March from a cultivated plant. Collected by Audrey Eagle.
- 209 ***P. colensoi***: flowers and capsules November 1970 from Mt Ruapehu. Collected by Audrey Eagle.
- 211 ***P. crassifolium***: flowers September, capsules May from a cultivated plant. Collected by Audrey Eagle.
- 213 ***P. aff. crassifolium***: flowers July 1998, capsule January 2001, cultivated at Auckland Regional Council Botanic Garden. Supplied by Steve Benham.
- 215 ***P. turneri***: flowers October, unripe capsules January from a plant cultivated at Hagley Park, Christchurch, supplied by Brian Molloy.
- 217 ***P. cornifolium***: female flower September 1975 from Kaitaia, collected by Ross Michie. Male flower September 1973 from Taumarunui, collected by Ron Sinclair. Capsules March 1973 from Te Puroa Reserve, Ngaruawahia, collected by Audrey Eagle.
- 219 ***P. patulum***: flowers and single capsule November 1981 from south branch of Temple Stream, north west of Lake Ohau, Canterbury, collected by Neill Simpson. Almost adult leaves (in centre) March 1981 from Cobb Valley, North West Nelson, collected by Bruce Given, Bob Dickson and Vern Gamble. Juvenile leaves September 1976 cultivated by C M Simpson. Closed capsules and three dark red flowers from National Museum Herbarium, Wellington: specimen (WELT 35932) originally from Wairau Gorge, Marlborough.
- 219 ***P. anomalum***: flower August 1976 from Hauhungaroa Range 2400 ft shade form, collected by John Bartlett. Capsule September 1976 and juvenile leaves from Dun Mountain, Nelson, collected by John Bartlett.
- 221 ***P. obcordatum***: illustration 'B' flowers and fruit October 1979 from Tauweru River near Masterton. Collected by Tony Druce. Illustration 'A' October 1973, a cultivated plant from Hukutaia Domain, Opotiki, Bay of Plenty, originally from Kaitaia, supplied by Colin Clark. Juvenile leaves June 1977 from a plant cultivated by John Bartlett.
- 223 ***P. virgatum***: flowers October 1975, juvenile leaves and fruit May 1976 from Puketutu Hill, Kaitaia. Collected by Ross Michie.
- 225 ***P. divaricatum***: flowers and fruit October 1973 from a plant cultivated at Hukutaia Domain, Opotiki, Bay of Plenty, supplied by Colin Clark. Seedling and juvenile leaf enlargement August 1980 from a plant cultivated by Tony Druce.
- 225 ***P. pimeleoides* ssp. *majus***: flowers June 1974, collected by Ross Michie. Fruit February collected by John Bartlett. All from Surville Cliffs, North Cape. In *Allan's Flora*, this plant was named *P. michiei* after it was rediscovered by R H Michie in 1945.
- 227 ***P. pimeleoides* ssp. *pimeleoides***: flowers October 1971, fruit March 1971 from cultivated plants probably from Kaitaia area and collected by Ross Michie. [These dates do not agree with date in book, which is July.]
- 229 ***P. crassicaule***: flowers September 1976 from Moa Park, Nelson, fruit September from Arthur's

Pass.

- 229 *P. rigidum* var. *rigidum*: flowers and unripe fruit December 1979 from Kapakapanui, Tararua Range. Collected by Tony Druce.
- 229 *P. rigidum* var. *majus*: capsules December 1979 from Mt Holdsworth, Tararua Range. Collected by Pauline Mayhill.
- 231 *Passiflora tetrandra*: male flowers November 1969 from Toby (E D) Gilbert's farm Waingaro Road, Ngaruawahia. Female flowers November and fruit March from Kaimai Range. Collected by Audrey Eagle.
- 233 *Leptospermum scoparium* (i) flowers and seedheads December 1966 from Raglan, Waikato. Collected by Audrey Eagle.
- 233 *L. scoparium* (ii) flowers July 2004 and capsules from Puheke Beach, Karikari Peninsula, Northland, from a cultivated plant. Supplied by Peter de Lange.
- 235 *Kunzea sinclairii*: flowers November from a plant cultivated by Tony Druce originally from Great Barrier Island, collected by Colin Ogle. Seedheads March 1993 from Mt Hobson, Great Barrier Island, collected by Audrey Eagle. Part of young branchlet and enlargement of flowers December 2000 from Mt Young, Great Barrier Island, collected by Peter de Lange.
- 235 *K. ericoides* var. *linearis*: flowers January 1993, seedheads October 1991 from a plant cultivated by Tony Druce originally from Ahipara Gumlands, Northland.
- 237 *K. aff. ericoides* (B): flowers January from Raglan, Waikato. Seedheads October from Lake Waikare, Te Kauwhata, Waikato. Collected by Audrey Eagle.
- 239 *K. ericoides* var. *microflora*: flowers November, seedheads April 1997 from Whakarewarewa, Rotorua. Collected by Chris Ecroyd. Branchlet detail December 2000, from Maungakakamea, Rainbow Mountain. Collected by Peter de Lange.
- 239 *K. ericoides* var. *ericoides*: flowers December 2002 from Tarakohe, seedheads April 2003 from Pahara, both places Golden Bay, Nelson. Collected by Shannel Courtney.
- 239 *K. aff. ericoides* (A): flowers January collected by Peter de Lange. Seedheads October 2002 collected by Shannel Courtney. Both from Luna Bluffs, Kaihoka Lakes, North West Nelson.
- 241 *Metrosideros excelsa*: flowers January 1982 from Tauranga. Collected by Audrey Eagle. Yellow flower from a cultivated plant. Details of seeds and seedheads from a cultivated plant at Otago Peninsula. Collected by Audrey Eagle.
- 243 *M. kermadecensis*: flowers February, seedheads June from a cultivated plant.
- 243 *M. bartlettii*: branchlet January 1979 from Radar Bush, Northland. Collected by John Bartlett. A new discovery named in 1986. Flowers and seedheads from herbarium specimens (WELTU 14429) and photographs 1984 by John Dawson.
- 245 *M. robusta*: flowers and seedheads January from Nelson from a cultivated plant.
- 247 *M. umbellata*: flowers January from Milford Sound, seedheads March, Westland.
- 249 *M. parkinsonii*: flowers November 1976, seedheads April from a cultivated plant originally from Brown Cow Ridge, North West Nelson. Supplied by Tony Druce.
- 251 *M. carminea*: flowers September 1968 from Kaimai Range. Seedheads February 1971 from a cultivated plant.

- 253 ***M. albiflora***: flowers November 1972, seedheads May 1975, from Mt Kaitarakihi, Kopu-Hikawai Track, Coromandel Range.
- 255 ***M. fulgens***: red flowers June from Kawhia, yellow flowers from Mt Karioi, Raglan, both Waikato. Seedheads February. Collected by Audrey Eagle
- 257 ***M. diffusa***: flowers November 1973, seedheads March from Hakarimata Range, Ngaruawahia. Collected by Audrey Eagle.
- 259 ***M. colensoi***: flowers November 1972, seedheads March from Stewart Gray's covenanted bush reserve, Tirau area, Waikato. Supplied by Stewart Gray.
- 261 ***M. perforata***: flowers January 1970 from Port Charles, Coromandel Peninsula. Seedheads May from Mt Pirongia. Both collected by Audrey Eagle.
- 263 ***Syzygium maire***: flowers March from Kawhia, Waikato. Collected by Audrey Eagle. The only plant that was drawn in situ because the flowers faded so fast. Ripe fruit January from Hauturu near Kaikohe, Northland. Collected by Phyllis Cantwell and Jean Robertson. Branchlet January 1970 cultivated at Otari Native Plant Reserve, Wellington. Supplied by Ray Mole. Fruit shown in section March 2008, from Taranaki. Collected by Bill Messenger.
- 265 ***Lophomyrtus bullata***: flowers December from a cultivated plant. Fruit May from Hakarimata Range, Ngaruawahia. Collected by Audrey Eagle.
- 267 ***L. obcordata***: flowers December, fruit March, from a cultivated plant. Section through fruit May 2003, collected by Moira Parker, Otago Peninsula.
- 269 ***Neomyrtus pedunculata***: flowers February from Tararua Range, collected by Tony Druce. Berries April from Taumarunui, collected by Ron Sinclair. Section through berry April 2002 from Taranaki, collected by Bill Messenger.
- 271 ***Elaeocarpus dentatus***: flowers October 1967 from Manaia Hill, Northland. Drupes March. Juvenile leaves from Taranaki, collected by Audrey Eagle.
- 273 ***E. hookerianus***: flowers, drupes and juvenile leaves January from Lake Waikaremoana. Collected by Audrey Eagle. Leaf in outline and section through drupe May 2003 from Otago Peninsula. Collected by Hendrik Kosch.
- 275 ***Aristotelia serrata***: flowers October 1966 berries February from a cultivated plant.
- 277 ***A. fruticosa*** (i): flowers November berries March and juvenile branchlet March 1970 from Mt Ruapehu. Collected by Audrey Eagle.
- 279 ***A. fruticosa*** (ii): female flowers December 1998 from above Roaring Meg Power Station, Pisa Range, Otago. Collected by Rory Logan. Branchlet and berries January 1998 from above Lyn Creek, Mt Peel Station, Canterbury. Collected by Audrey Eagle. Berry and seed shown enlarged February 1999 from Mt Peel Station. Collected by Rosemary Ackland. Juvenile leaves January 2002 from Ben Dhu Bog Reserve near Twizel. Collected by Audrey Eagle.
- 279 ***A. fruticosa*** (iii): branchlet February 1993 from Whana Huia, Ruahine Range. Collected by Tony Druce.
- 281 ***Entelea arborescens***: flowers and seed capsules December 1966, from Mokoia Island, Lake Rotorua. Collected by Audrey Eagle.
- 283 ***Plagianthus regius*** (i): male flowers and juvenile leaves October 1966 from Taumarunui area. Collected by Ron Sinclair. Female flowers from a cultivated plant. Seedhead November from Pukekawa.

- 285 ***P. regius*** (ii): immature panicle January 1994 from Chatham Island, collected by Janet Willison. Juvenile branchlet 1993, from a cultivated plant supplied by Tony Druce. Details of flowers October 2007 from Chatham Island, collected by Audrey Eagle.
- 287 ***P. divaricatus***: male flowers October 1968 from Katikati, Bay of Islands. Collected by Peggie Jenner. Female flowers from a cultivated plant. Seedhead from Raglan, Waikato. Collected by Audrey Eagle.
- 289 ***Hoheria populnea***: flowers February 1966, seedheads June from a cultivated plant.
- 291 ***H. sexstylosa***: flowers and outline of large leaf February 1995 from Riccarton Bush, Christchurch. Collected by Brian Molloy. Juvenile leaves from a cultivated plant originally from Wairarapa Pa. Seedheads May 2002, from Otago Peninsula. Collected by Audrey Eagle.
- 293 ***H. sexstylosa*** var. ***ovata***: flowers January 1979 from Kaihoka, North West Nelson. Collected by Tony Druce. Seedheads March 1979 from Matiri Range, North West Nelson, near Murchison. Collected by Tony Druce.
- 295 ***H. equitum***: flowers January and seed March 1999. Flowers from a cultivated plant, but all originally from Tawhiti Rahi, Poor Knights Islands. Collected by Peter de Lange.
- 295 ***H.*** sp.: leaf from a cultivated plant originally from Tararua Range. Collected by Tony Druce.
- 297 ***H. glabrata***: flowers January 1969 from Hollyford Valley. Carpels and juvenile leaves from Westland, March. Collected by Audrey Eagle.
- 299 ***H. lyallii***: flowers February 1998, carpels September 1997 from Mt Peel Station, Canterbury. Collected by Rosemary Ackland. Details of flowers from North Esk River, tributary of Hurunui River, Canterbury. Collected by David Norton.
- 301 ***H. angustifolia***: flowers January, carpels from a cultivated plant originally from Carters Bush, Masterton.
- 303 ***Hibiscus diversifolius***: flower and seed capsule March 1968, from a cultivated plant grown by Audrey Eagle.
- 305 ***H. trionum***: flower and seed capsule February 1968 from a cultivated plant grown by Audrey Eagle.
- 307 ***Homalanthus polyandrus***: flowers and fruit May from a plant cultivated at Albany, Auckland. Supplied by Alan Esler.
- 309 ***Ackama rosifolia***: flowers August 1968, capsules June 2001 from a plant cultivated by Pauline Mayhill. Half mature capsule February 2002, collected by Peter de Lange.
- 311 ***A. nubicola***: flowers February 2001, seed capsules (immature) March. Seedling, ripe capsules and seed June 2001. Apart from the capsules, all parts of the plant were drawn from the type specimen. All supplied by Peter de Lange from Waima Forest, Northland.
- 313 ***Weinmannia racemosa***: flowers and juvenile leaves November, Hakarimata Range, Ngaruawahia. Capsule March from Kaimai Range. Collected by Audrey Eagle.
- 315 ***W. silvicola*** var. ***silvicola***: flowers October, capsules March 1954 from a cultivated plant grown at Caldwell Bush, New Zealand Electricity Department, Hamilton. Collected by Audrey Eagle.
- 317 ***W. silvicola*** var. ***betulina***: flowers November 1999 from Mt Young, collected by Peter de Lange and Helen McGill. Capsules (unripe) January 1998, collected by Will Scarlet. Mature capsules January 1999, collected by Bert Vowden. Branchlet, leaves only, March 1993 from Mt Hobson, collected by Audrey Eagle. All from Great Barrier Island.

- 319 ***Quintinia serrata***: flowers October 1955 from Lake Waikaremoana and small outline of leaf from Glen Murray, near Ngaruawahia. Both collected by Audrey Eagle. Large outline of leaf May 2002 from Mt Zion, Waitakere Ranges, Auckland. Collected by Peter de Lange.
- 321 ***Ixerba brexioides***: flowers January 1955 from Lake Waikaremoana, collected by Audrey Eagle. Capsules and juvenile leaf April from Kaimai Range.
- 323 ***Carpodetus serratus***: flowers January 1954 from a plant cultivated at Caldwell Bush, State Electricity Department, Hamilton. Fruit May from Hakarimata Range, Ngaruawahia, collected by Audrey Eagle. Enlargement of fruit and seeds and outline of a larger leaf June from Lake Kaniere, Hokitika, Westland, collected by Bill Messenger.
- 325 ***Rubus cissoides* (i)**: flowers September 1970, Hakarimata Range, Ngaruawahia, collected by Audrey Eagle. Fruit December from Kaimai Range. Juvenile leaf September 2002, Waingaro Range, Ngaruawahia, collected by Mary and Ralph Skinner.
- 327 ***R. cissoides* (ii)**: leaves February 1992 Dart Valley, Fiordland. Collected by Tony Druce.
- 327 ***R. cissoides* (iii)** leaf outline September 2002 Bluff Hill, Southland. Collected by Audrey Eagle.
- 329 ***R. cissoides* (iv)**: flowers December 1993 Kaweka Range. Collected by Tony Druce. Fruit February 2003 from near Raetihi. Collected by Nick Singers.
- 331 ***R. australis***: female flowers from a cultivated plant November 1977. Male flowers January from Stewart Island. Collected by Pauline Mayhill. Fruit February 1978 from Mt Taranaki, also collected by Pauline Mayhill.
- 333 ***R. schmidelioides* (i)**: flowers October fruit February from Mt Bruce Reserve, Taupo.
- 335 ***R. schmidelioides* (ii)**: male and female flowers November 1996 from lower Wye Valley, Lake Wakatipu, Otago. Collected by Neill Simpson. Fruit and juvenile leaf 1996 from Clutha Valley just north of Cromwell, Otago. Collected by Audrey Eagle.
- 337 ***R. schmidelioides* (iii)**: female flowers November, all other specimens January 1998, all from Lake Otuhie, Kaihoka coast and Mt Burnett, North West Nelson. Collected by Audrey Eagle.
- 339 ***R. squarrosus***: flowers November 1977, fruit February 1978 from Ben More Station near Waima River, Marlborough. Fruit supplied by Margaret Parsons. Flowers collected by Audrey Eagle.
- 341 ***R. parvus***: flowers October 1976 from a plant cultivated at Otari Native Plant Reserve, originally from Boulder Lake, supplied by Ray Mole. Fruit March from a plant cultivated at Waipahihi Botanical Garden, Taupo, supplied by Ngarita Travers.
- Clianthus puniceus***: flowers October 1988, seed pods August 1999, from a plant cultivated at Landcare Research, Lincoln, by Peter Heenan.
- 34 ***C. maximus***: flowers September seed pods August from a plant cultivated at Landcare Research, Lincoln by Peter Heenan.
- 345 ***Sophora godleyi***: flowers November, seed pods April from Whanganui River area, collected by Tony Druce. Enlargement of leaves July 2000, from a plant cultivated at Landcare Research, Lincoln, supplied by Peter Heenan.
- 347 ***S. microphylla***: flowers September 1998, seed pods June 1999 from harbour cliffs, Otago Peninsula. Collected by Audrey Eagle. Juvenile leaves also Otago Peninsula. Collected by Peter Johnson.
- 349 ***S. longicarinata***: flowers October 1999, seed pods April 1999 from plants cultivated at Landcare

- Research, Lincoln, originally from Takaka Hill, North West Nelson. Supplied by Peter Heenan.
- 351 ***S. fulvida***: flowers and seed pods October 1999 from plants cultivated at Landcare Research, Lincoln, originally from Piha. Supplied by Peter Heenan.
- 353 ***S. tetraptera***: flowers October 2001, seed pods August, from plants cultivated at Landcare Research, Lincoln, originally from Frasertown, Hawke's Bay. Supplied by Peter Heenan.
- 355 ***S. chathamica***: flowers and seed pods September 1998 from plants cultivated at Landcare Research, Lincoln, originally from Chatham Island. Supplied by Peter Heenan.
- 355 ***S. molloyi***: flowers May and seed pods February from a plant cultivated at Landcare Research, Lincoln, originally from Stephens Island, Cook Strait. Supplied by Peter Heenan.
- 357 ***S. prostrata***: flowers October 1967, seed pods February 2000 from a plant cultivated at Landcare Research, Lincoln. Supplied by Peter Heenan.
- 359 ***Carmichaelia muritai***: flowers January 1984, seed pods February 1984 and details from Clifford Bay, Marlborough. Collected by Andrew Purdie. Single hair drawn from a scanning microscope photograph taken by K Card and J V Myers.
- 361 ***C. glabrescens***: flowers December 1977, capsules January 1978 from Woodside Gorge near Waima (Ure) River, Marlborough. Supplied by station owners Margaret and David Parsons.
- 361 ***C. torulosa***: flowers January 1978 Lynn Valley, Peel Forest, South Canterbury. Collected by Brian Molloy. Seed pods April 1978, Peel Forest. Collected by Tony Druce.
- 363 ***C. carmichaeliae***: flowers December 2001, seed pods February 2002 from a plant cultivated at Landcare Research, Lincoln, originally from Spray River, Marlborough. Supplied by Peter Heenan.
- 365 ***C. stevensonii***: flowers January, pods February from a cultivated plant originally from South Marlborough.
- 365 ***C. crassicaulis* ssp. *crassicaulis***: flowers January from Porters Pass, Canterbury. Seed pods February from a cultivated plant.
- 367 ***Corallospartium crassicaule* var. *racemosum*** [formerly ***Carmichaelia crassicaulis* ssp. *racemosa***]: flowers November 1996, seed pods January 1997 from a plant cultivated at Landcare Research, Lincoln, originally from Lindis Pass, Otago. Supplied by Peter Heenan.
- 367 ***Carmichaelia compacta***: flowers November 1978, seed pods January 1980 from a cultivated plant originally from Kawarau Gorge, Otago. Collected by Andrew Purdie.
- 369 ***C. williamsii***: flowers November 1954, seed pods December, from plants cultivated at Caldwell Bush, State Electricity Department, Hamilton.
- 371 ***C. australis* (i)**: flowers November 1979 from Haast Pass, Westland, collected by Andrew Purdie. Seed pods February 1979 from Milford Sound, collected by Jack Murrell.
- 371 ***C. australis* (ii)**: flowers November, seed pods June 1981, from a plant cultivated at Landcare Research, Lincoln by Andrew Purdie, originally from Taruarau River, Sparrowhawk Range, Hawke's Bay.
- 373 ***C. australis* (iii)**: flowers February 1996, seed pods November 1995 from Mt Taranaki. Collected by Audrey Eagle.
- 375 ***C. australis* (iv)**: flowers November 1979 from a cultivated plant originally from Colville, Coromandel Peninsula. Seed pods January 1980 from a cultivated plant originally from Mokau, Taranaki. Wide cladode (right) originally from a cultivated plant originally from Cascade Stream,

Waitakere Ranges, Auckland. All specimens supplied by Andrew Purdie.

- 377 **C. australis** (v): flowers November 1936, seed pods March 1987 from a cultivated plant originally from Mt Lookout, Kaikoura Range, Marlborough. Collected by Tony Druce.
- 379 **C. australis** (vi): flowers December 1979, seed pods January 1980 from a cultivated plant originally from Dry Creek near Porters Pass, Canterbury. Collected by Andrew Purdie.
- 379 **C. petriei** (i): flowers December, seed pods from a cultivated plant originally from Danseys Pass, North Otago. Collected by Andrew Purdie.
- 381 **C. arborea**: flowers November 1979, seed pods January from a cultivated plant originally from Mackinnon Pass, Fiordland. Collected by Andrew Purdie.
- 383 **C. odorata** (i): flowers November 1979, seed pods March 1980 from a cultivated plant originally from lower Buller Valley, Westland. Collected by Andrew Purdie.
- 383 **C. odorata** (ii): flowers April 1971, seed pods June from a cultivated plant originally from Hutt Valley, Wellington. Collected by Tony Druce.
- 385 **C. petriei** (ii): flowers November 1977 from a plant cultivated by Mrs Duguid of Levin, originally from Lake Wanaka, Otago. Seed pods from Mary Range, Lake Pukaki, South Canterbury. Collected by Audrey Eagle.
- 385 **C. petriei** (iii): flowers December 1978, seed pods February from Sowburn, Otago. Collected by Andrew Purdie.
- 387 **C. curta**: flowers December Lake Aviemore, South Canterbury. Collected by Andrew Purdie. Seed pods February from a cultivated plant. Supplied by Tony Druce.
- 387 **C. juncea**: flowers December, seed pods January from a cultivated plant originally from a coastal herbfield.
- 389 **C. kirkii**: flowers January, seed pods May 1976 from a plant cultivated in Christchurch Botanic Gardens, originally from New Brighton, Canterbury. Collected by Brian Molloy.
- 391 **C. appressa** (i): flowers and seed pods December 1996 from a cultivated plant in Dunedin Botanic Gardens, originally from Kaitorete Spit, Lake Ellesmere, Canterbury.
- 391 **C. appressa** (ii): flowers and seed pods March 1996 from a cultivated plant originally from Havelock Valley, upper Rangitata area, Canterbury. Collected by Tony Druce.
- 393 **C. monroi**: flowers November 1978 Bankside Reserve, Canterbury Plains. Collected by Brian Molloy. Seed pods January 1979 Porters Pass, Canterbury. Collected by Andrew Purdie.
- 393 **C. vexillata**: flowers and seed pods November 1999 from bank of Pukaki-Ohau flood control canal, South Canterbury. Collected by Rory Logan.
- 395 **C. hollowayi**: flowers December 1975 from a cultivated plant originally from Duntroon, South Canterbury. Seed pods March 1980 from a cultivated plant originally from Gards Road, Waitaki Valley, South Canterbury. Collected by Andrew Purdie.
- 395 **C. nana** (i): seed pods December 1979 from Ben More Peak. Collected by John Anderson.
- 395 **C. nana** (ii): flowers January 1977 Desert Road, Volcanic Plateau, central North Island. Collected by Peggie Jenner.
- 397 **C. corrugata**: flowers November 1976 from a cultivated plant originally from Wairau Valley, Marlborough. Cultivated by Tony Druce. Seed pods January from Harewood near Christchurch.



Collected by Brian Molloy.

- 397 ***C. astonii***: flowers November 1977 from Flaxbourne River near Ward, Marlborough, collected by Tony Druce. Seed pods January 1979 from Woodside Gorge, Marlborough, collected by Margaret Parsons.
- 397 ***C. uniflora*** (i): flowers November 1978 from a cultivated plant originally from Cass, Waimakariri Basin, Canterbury. Collected by Brian Molloy. Seed pods February 1978 from Poulter River, Canterbury.
- 397 ***C. uniflora*** (ii): flowers December 1978 from Bealey River Basin, Canterbury. Collected by Andrew Purdie.
- 399 ***Nothofagus fusca***: flowers September-October from a cultivated plant in Caldwell Bush, State Electricity Department, Hamilton. Cupule January from Lewis Pass, east of Reefton, Westland.
- 401 ***N. truncata***: flowers September 1962 from Pokeno, Auckland. Cupule January Westport area, Westland.
- 403 ***N. menziesii***: flowers October 1966 from a cultivated plant in Caldwell Bush, State Electricity Department, Hamilton. Cupule January from Lewis Pass east of Reefton, Westland.
- 405 ***N. solandri*** var. ***solandri***: flowers October cupules February 1971 from a cultivated plant.
- 407 ***N. solandri*** var. ***diffortiodes***: flowers November from Mt Ruapehu, cupule January from Lewis Pass, east of Reefton, Westland.
- 409 ***Streblus smithii***: female flowers August 1976 from a plant cultivated at Mt Albert Research Station, Auckland, supplied by Alan Esler. Male flowers October 1987, collected by Vic and Brenda May. Drupe October 1997 collected by Audrey Eagle Mr and Mrs May and Geoff Baylis. Plants originally from Three Kings Islands.
- 411 ***S. banksii***: flowers October 1968, drupe April 1969 from a cultivated plant.
- 413 ***S. heterophyllus***: flowers September 1970, fruit January 1971 from Claudelands Bush, Hamilton. Collected by Audrey Eagle.
- 415 ***Boehmeria australis*** ssp. ***dealbata***: flowers April from a cultivated plant. Probably supplied by Alan Esler.
- 417 ***Urtica ferox***: flowers November from Taumarunui area. Achenes June from Otorohanga. Both sites in King Country.
- 419 ***Coynocarpus laevigatus***: flowers October 1959, fruit February 2002 from Raglan, Waikato.
- 421 ***Pennantia baylisiana***: female flower November 1987 from Mt Albert DSIR, supplied by Ross Beever. Female panicle from a photo taken by D M Leigh. Leaf March 1971 also from Mt Albert DSIR, supplied by Alan Esler. Fruit and pressed male flowers April from Owen Evans, Norfolk Island. Seedling from a plant cultivated from a seed from the type tree. Supplied by Peter de Lange. Type tree *P. baylisiana*, Great Island, Three Kings Islands. The Norfolk Island tree is *P. endlicheri*.
- 423 ***P. corymbosa***: female flower December 1968 from Miranda Firth of Thames. Male flowers November 1992 from a cultivated plant supplied by Gary Penniel. Fruit February 1967 from Pureora, central North Island. Section through fruit April 2003 from Otago Peninsula. Supplied by Moira Parker.
- 425 ***Exocarpos bidwillii***: flowers November, fruit March from Lake Lyndon, Canterbury.
- 427 ***Mida salicifolia***: flowers October 1969 from Raglan, fruit and outline of juvenile leaf January

- 2003 from Kaimai Range. Collected by Audrey Eagle. Section showing seed March 2003 from Mt Taranaki. Collected by Bill Messenger.
- 429 ***Korthalsella salicornioides***: specimen from Lake Waikare, Waikato. Fruit March 1971. Collected by Audrey Eagle.
- 431 ***K. clavata***: specimen from Castle Hill Basin, Canterbury.
- 431 ***K. lindsayi***: flowers November, fruit January from a cultivated plant supplied by Brian Molloy.
- 433 ***Ileostylus micranthus***: flowers September 1964, fruit April from Glen Massey Road, Ngaruawahia. Collected by Toby (E D) Gilbert. Enlargement of fruit April 2001 Macandrew Bay, Dunedin. Collected by Audrey Eagle.
- 435 ***Peraxilla colensoi***: flowers January 1960 Hollyford Valley. Fruit from Buller Gorge, Westland.
- 437 ***P. tetrapetala***: flowers December fruit March from Ruapehu.
- 439 ***Alepis flavida***: flowers January 1969 from Lake Manapouri. Collected by Audrey Eagle. Fruit April 1971 also from Lake Manapouri.
- 441 ***Trilepidea adamsii***: flowers November 1954 from Maungakawa area, Cambridge. Collected by Audrey Eagle. This was the last occasion upon which this plant was seen alive.
- 443 ***Tupeia antarctica***: flowers October 1954 from Maungakawa near Cambridge. Collected by Audrey Eagle. Fruit March 1972 from Peel Forest, Canterbury. Collected by Brian Molloy.
- 445 ***Discaria toumatou***: flowers January 1969 and fruit January 1971 from Arthur's Pass. Collected by Audrey Eagle. Exploded coccus and seed January 2002.
- 447 ***Pomaderris apetala* ssp. *maritima***: flowers November 1954, seed capsules January 1955 from a plant cultivated by Audrey Eagle.
- 449 ***P. hamiltonii***: flowers September 1974, capsules December 1974 from a cultivated plant supplied by Tony Druce.
- 451 ***P. kumeraho***: flowers October 1966, capsules December 1970 from a plant cultivated by Audrey Eagle.
- 453 ***P. paniculosa* ssp. *novae-zelandiae***: flowers November 1979 from a cultivated plant originally from Mt Manaia, Northland, capsules January 1979 also from a cultivated plant.
- 455 ***P. rugosa***: flowers November 1966, capsules February from a cultivated plant.
- 457 ***P. aff. phyllicifolia***: flowers November 1972, capsules December from a plant cultivated by Athol Caldwell.
- 459 ***P. phyllicifolia***: flowers November 1972, capsules January 1975 from a plant cultivated by Tony Druce.
- 459 ***P. prunifolia* var. *edgerleyi***: flowers September 1978, capsules 1979 from a plant cultivated at Botany Division, Lower Hutt, originally from Wairarapa. Supplied by Tony Druce.
- 461 ***Leionema nudum***: flowers October 1960, capsules January 1970 from a cultivated plant.
- 463 ***Melicope ternata***: flowers September 1960 from a cultivated plant, capsules April from Raglan. Collected by Audrey Eagle.
- 465 ***M. simplex***: female flowers November 1956 and juvenile leaves from Taupiri Range,

- Ngaruawahia. Collected by Audrey Eagle. Male flowers October and capsules February from a cultivated plant.
- 467 ***Dysoxylum spectabile***: flowers June 1957, capsule and seed June from Harkarimata Range, Ngaruawahia. Collected by Audrey Eagle. Flower details shown in cross section, male (left) from Auckland and female from Wellington, illustrated from photographs taken by John Braggins.
- 469 ***Alectryon excelsus* ssp. *grandis***: flowers October 1988 and fruit October 1991 from plants cultivated at the University of Auckland. Supplied by Ewen Cameron. Outline of juvenile leaf from Bay of Plenty.
- 471 ***A. excelsus* ssp. *excelsus***: flowers January 1955 from Waikato area, capsules October from a cultivated plant. Juvenile leaf August 2003 from Bay of Plenty. Collected by Graeme Jane.
- 473 ***Dondonaea viscosa***: female flower February 1966, male flower October, from a plant cultivated by Audrey Eagle.
- 475 ***Meryta sinclairii***: male flowers August 1967, ripe fruit December from a cultivated plant.
- 477 ***Schefflera digitata***: male flowers March 1985 from Bridal Veil Falls near Raglan, Waikato. Female flowers March from Otorohanga. Fruit and juvenile leaf from Hakarimata Range, Ngaruawahia. Details of fruit May 2003 from Dunedin Botanic Gardens. All collected by Audrey Eagle.
- 479 ***Pseudopanax laetus***: flowers and fruit October from a cultivated plant.
- 481 ***P. arboreus***: male flowers July 1961 from Bridal Veil Falls, Te Mata, near Raglan, Waikato. Collected by Audrey Eagle. Male flowers August from a cultivated plant. Fruit November also from a cultivated plant.
- 483 ***P. kermadecensis***: flowers and leaf from a plant cultivated in Auckland Regional Council Botanic Gardens. Supplied by Steve Benham. Fruit and outline of leaflet November from Raoul Island, Kermadec Islands. Collected by Carol West.
- 485 ***P. colensoi* var. *colensoi***: flowers November 1970. Fruit March from Ruapehu. Juvenile leaf 1990 from Lewis Pass, east of Reefton, Westland. All collected by Audrey Eagle.
- 487 ***P. colensoi* var. *ternatus***: flowers September 1979, fruit December 1979 from a cultivated plant originally from Fiordland. Collected by Tony Druce. Leaflet outline and seeds January 1993 from Rakaia Gorge Reserve, Canterbury. Collected by Audrey Eagle.
- 489 ***P. colensoi* var. *fiordense***: flowers October 1999 Bluff Hill, Invercargill. Collected by Brian Rance. Fruit January 1998 from a plant cultivated at Percy's Reserve, Hutt Valley, Wellington. Supplied by Robyn Smith. Trifoliate branchlet October Bluff Hill. Adult leaf March 1979 Stewart Island. Collected by Hugh Wilson.
- 491 ***P. lessonii* (i)**: flowers January 1955 from a cultivated plant in Caldwell Bush, State Electricity Department, Hamilton. Collected by Audrey Eagle.
- 493 ***P. lessonii* (ii)**: flowers January 1981, fruit May 1981 from plants originating at Surville Cliffs, North Cape. Collected and cultivated by Ross Michie.
- 495 ***P. gilliesii***: branchlet and fruit April 1979 from Saies, west of Whangaroa, Northland, collected by John Bartlett. Flowers December 2003 from a cultivated plant in Percy's Reserve, Hutt Valley, Wellington, originally from Totara Point, Whangaroa, Northland, collected by Jill Broome.
- 497 ***P. macintyreii***: flowers September 1980 from Lewis Pass area, east of Reefton, Westland. Collected by Neill Simpson. Fruit 1977 from Takaka Hill, North West Nelson. Collected by John Bartlett.

- 489 ***P. discolor***: flowers January, fruit April from Coromandel Peninsula.
- 501 ***P. chathamicus***: male flowers September 1979, fruit July 1978 from plants cultivated at Christchurch Botanic Gardens. Both sent by Brian Molloy. Juvenile leaf 1975 from a plant cultivated at Abel's Nursery.
- 503 ***P. crassifolius***: flowers March, fruit May, seedling and juvenile leaf all from Raglan, Waikato. Collected by Audrey Eagle.
- 505 ***P. ferox***: flowers November, fruit May from a cultivated plant in Athol Caldwell's garden, Hamilton.
- 507 ***P. linearis***: flowers January, fruit and juvenile leaf December from Arthur's Pass.
- 509 ***Raukaua edgerleyi***: flowers and fruit February from Pureora, central North Island. Adult leaf from North West Nelson.
- 511 ***R. simplex* var. *simplex***: flowers February 1969 from Lewis Pass, east of Reefton, Westland. Collected by Audrey Eagle. Fruit and juvenile leaf May, from Ruapehu.
- 513 ***R. simplex* var. *sinclairii***: flowers February 1988 from Kapuni Track, Mt Taranaki. Collected by Audrey Eagle. Juvenile leaf January 2004 also from Mt Taranaki. Collected by Bill Messenger. Fruit April from Mt Pirongia, Waikato.
- 515 ***R. anomalus***: flowers January 1969 from Lake Matheson area, Westland. Juvenile shoot and fruit lower right from Tauhei, Morrinsville. Collected by Peggie Jenner. Red spotted fruit supplied by Marilyn Merrett.
- 517 ***Corokia buddleioides* var. *buddleioides***: flowers October fruit December from a cultivated plant.
- 519 ***C. buddleioides* var. *linearis***: flowers October, drupes January from cultivated plants at Hukutaia Domain, Opotiki, Bay of Plenty, originally from Rainbow Mountain. Collected by Marc Heginbotham.
- 521 ***C. macrocarpa***: flowers October 1954, fruit February from a cultivated plant in Caldwell Bush, State Electricity Department, Hamilton. Collected by Audrey Eagle.
- 523 ***C. cotoneaster* (i)**: flowers (lower right) October 1975 from a plant cultivated at Otari Botanic Gardens by Ray Mole. Fruit (upper left) April 1997 from Hurakia State Forest, Te Kuiti, King Country.
- 523 ***C. cotoneaster* (ii)**: flowers October 1993, fruit July 1981 from a plant cultivated by Tony Druce originally from Paritutu, New Plymouth. Section through fruit added April 2002, also from Paritutu. Collected by Val Smith.
- 525 ***C. cotoneaster* (iii)**: flowers October from a cultivated plant, fruit August from Cobb Valley, North West Nelson. Probably collected by Shannel Courtney.
- 525 ***C. cotoneaster* (iv)**: flowers October, fruit February from a cultivated plant collected from Fraser Stream near Clyde, Otago.
- 525 ***C. cotoneaster* (v)**: flowers January from Surville Cliffs, Northland. Branchlet with flowers and fruit October from a cultivated plant. Both provided by Peter de Lange.
- 527 ***Griselinia lucida***: male flowers November 1959 from Old Mountain Road, Kaimai Range, Bay of Plenty. Male flowers October and fruit March from Blenheim, Marlborough.

- 529 ***G. littoralis***: flowers November 1970, fruit March from Ruapehu. Flowers collected by Audrey Eagle. Fruit in section April 2003 Otago Peninsula. Collected by Moira Parker.
- 533 ***Scandia rosifolia*** (i): flowers October, fruit February from a cultivated plant originally from Taranaki Coast.
- 533 ***S. rosifolia*** (ii): leaf February from a cultivated plant originally from Hawke's Bay.
- 535 ***S. geniculata***: flowers October 1980 from Buckleys Bay Scenic Reserve, Banks Peninsula. Collected by Brian Molloy. Schizocarp December 1980 from near Red Rocks, Wellington south coast. Collected by J Dawson.
- 537 ***Gaultheria oppositifolia***: flowers November from a cultivated plant originally from the Taupo-Napier Road.
- 537 ***G. paniculata***: flowers September, capsules March from a cultivated plant originally from the Taupo-Napier Road. Collected by Fred Corlett.
- 537 ***G. antipoda***: flowers February from Hakarimata Range, Ngaruawahia. Collected by Audrey Eagle. White fruit from a cultivated plant. Red fruit from Piopio, King Country.
- 539 ***G. rupestris***: flowers November 1977 from a cultivated plant originally from Buller Gorge, Westland. Collected by Tony Druce. Seed Capsule March. Collected by Colin Ogle.
- 539 ***G. colensoi***: flowers January 1979. Collected by Neil Clifton. Capsules March 1978. Collected by Leonie Garvey and Tony Druce. All from Ruapehu.
- 539 ***G. crassa***: flowers November 1976, seed capsules March 1978 from a cultivated plant originally from Mt Peel, North West Nelson. Collected by Tony Druce.
- 541 ***G. parvula***: flowers January 1979, fruit December 1978 from Rock and Pillar Range, Otago. Collected by Alan Mark.
- 541 ***G. nubicola***: flowers December 1978, fruit February 1978 from Rock and Pillar Range, Otago. Collected by Alan Mark.
- 543 ***G. macrostigma***: flowers January, fruit March from Nelson Lakes.
- 543 ***G. depressa*** var. ***novae-zelandiae***: flowers and red fruit February from Ruapehu. White fruit January from Nelson Lakes.
- 545 ***G. depressa*** var. ***depressa***: flowers January 1979 from Spenser Mountains, North Canterbury. Fruit March 1979 from The Needle, Matiri Range, North West Nelson. Collected by Tony Druce.
- 545 ***Androstoma empetrifolia***: flowers and fruit January 1975 from Ruapehu. Collected by Audrey Eagle. Enlargement of leaves 1980 from a cultivated plant originally from Reporoa Bog, Ruahine Range. Collected by Tony Druce.
- 547 ***Pentachondra pumila***: flowers and fruit January from Arthur's Pass, Canterbury.
- 547 ***Leucopogon fraseri***: flowers July from a cultivated plant. Fruit January from Arthur's Pass, Canterbury.
- 547 ***L. nanum***: flowers October 1979, fruit February 1980 from Isolated Flat, Molesworth, Marlborough. Collected by Brian Molloy.
- 549 ***L. fasciculatus*** (i): flowers October 1999 from a plant cultivated by Tony Druce originally from Ahipara, Northland. Fruit February from Puketi Forest, Northland. Collected by Audrey Eagle. Seedling and juvenile plant from Mt Hobson, Great Barrier Island. Collected by Peter de Lange.

- 549 ***L. fasciculatus*** (ii): flowers October 1991, fruit February 1977 from Pinehaven, Hutt Valley, Wellington. Collected by Tony Druce.
- 551 ***L. xerampelinus***: flowers October, fruit and juvenile branchlet January from a cultivated plant originally from Surville Cliffs, North Cape. Collected by Tony Druce.
- 551 ***L. parviflorus***: flowers May 2003 from Te One, Chatham Island. Collected by Peter de Lange. Fruit January 2004 from Dunedin Botanic Gardens. Collected by Audrey Eagle.
- 551 ***Acrothamnus colensoi***: flowers November, fruit July from Desert Road Volcanic Plateau, central North Island.
- 553 ***Cyathodes pumila***: flowers November 1979 from Gunner Downs, North West Nelson. Collected by Tony Druce. Fruit March 1980 Garibaldi Ridge, North West Nelson.
- 553 ***Leptecophylla robusta***: flowers November 1976 from a plant cultivated by Tony Druce. Fruit January from Chatham Island. Collected by Phyllis Cantwell.
- 555 ***L. juniperina*** (i): flowering and fruiting specimens October 1991 from Pinehaven, Hutt Valley, Wellington. Collected by Tony Druce.
- 555 ***L. juniperina*** (ii): flowers August from Auckland. Fruit March 1968 from Kopu-Hikuai Highway, Coromandel Peninsula.
- 557 ***Archeria racemosa***: flowers January 1957, seed capsules April from Camels Back, Coromandel Range.
- 557 ***A. traversii***: flowers January 1969 from near Homer Tunnel on road to Milford Sound. Seed capsules December from Arthur's Pass, Canterbury, west coast route through Southern Alps. Collected by Audrey Eagle.
- 559 ***Epacris pauciflora*** var. ***pauciflora***: flowers August 1961 from Taupiri Range, Waikato. Collected by Audrey Eagle. Capsules May from nearby Hakarimata Range, Ngaruawahia. Branchlet (on left) from Moanatuatua Swamp near Hamilton. Collected by Peter de Lange.
- 559 ***E. pauciflora*** var. ***sinclairii***: branchlet on left March 1993 from summit of Mt Hobson, Great Barrier Island. Collected by Audrey Eagle. Flowers and capsules March 2001 from Perry's Hill, Great Barrier Island. Collected by Peter de Lange.
- 561 ***E. alpina***: flowers October 1974, capsules June 1975 from a plant cultivated at Waipahihi Botanic Reserve, Taupo by Ngarita Travers, originally from Ruapehu.
- 563 ***Sprengelia incarnata***: flowers November 1977, capsules March 1977 from a plant cultivated at Botany Division, Lincoln, Christchurch from a plant originally from Fiordland. Supplied by Margaret Bulfin.
- 565 ***Dracophyllum traversii***: flowers October 1979 from Bald Spur, Mt Pirongia, Waikato. Capsules March 1976 from Abel Tasman National Park, Nelson. Both specimens collected by Ken Haydock.
- 567 ***D. latifolium***: flowers January 1973 Mt Moehau, Coromandel Peninsula. Collected by Audrey Eagle.
- 569 ***D. latifolium***: capsules May 1977 Little Barrier Island. Collected by Audrey Eagle.
- 571 ***D. elegantissimum***: flowers January 2002, capsules October 2001 from Moa Park. Collected by Fanie Venter.
- 573 ***D. fiordense***: flowers and capsules January 1979 from Doubtful Sound, Fiordland. Collected by

Peter Johnson.

- 575 ***D. filifolium***: flowers January 1976 from Ruapehu. Collected by Herb Spannagle. Capsules February 1977 from Ruapehu. Collected by Peggie Jenner.
- 575 ***D. longifolium* var. *longifolium***: flowers November, capsules January from a cultivated plant originally from Stewart Island, cultivated at Otari Native Plant Reserve, Wellington by Ray Mole. The small adult leaves on left collected by Fanie Venter March 2000 from Alex Knob near Franz Josef Glacier.
- 577 ***D. longifolium* var. *cockayneanum***: flowers November 2000 from Tucker Cover, Preservation Harbour, Campbell Island. Collected by Alan Mark. Capsules February 1977 Auckland Islands. Collected by Brian Rance.
- 579 ***D. longifolium* var. *septentrionale***: flowers December 1996, capsules January 1997 from a cultivated plant originally from Southern Ruahine Range. Collected by Tony Druce.
- 579 ***D. trimorphum***: flowers April 1998, capsules October 1966 from a cultivated plant originally from North West Nelson coast. Collected by Tony Druce. Three leaves in outline, adult in centre March 2000 collected by Fanie Venter from type locality West Whanganui Inlet, south west of Farewell Spit, North West Nelson coast.
- 581 ***D. townsonii***: flowers December 1987 from Paparoa Range north of Punakaiki, between Westport and Greymouth, Westland. Collected by Tony Druce. Capsules January from about 32 km north of Westport. Collected by John Bartlett.
- 583 ***D. ophioliticum***: flowers and capsules December from Cobb Valley, North West Nelson.
- 583 ***D. densum***: branchlet and capsules May. Flowers from dried specimens all from Mt Rochfort, north of Westport.
- 585 ***D. sinclairii* (i)**: flowers September 1978, capsules February from a plant cultivated at Otari Botanic Gardens, Wellington, originally from Waitakere Ranges. Supplied by Ray Mole.
- 587 ***D. sinclairii* (ii)**: flowers, capsules August 1978 from Te Paki Trig Bush, Northland. Collected by John Bartlett. (Possibly Radar Bush, Northland)
- 589 ***D. sinclairii* (iii)**: flowers and capsules May 1972 from Little Barrier Island. Collected by Audrey Eagle.
- 589 ***D. lessonianum***: flowers October 1979, capsules January from a cultivated plant originally from Te Here, North Auckland. Collected by Tony Druce.
- 591 ***D. arboreum***: flowers November 1977, capsules February 1980 from a cultivated plant originally from Chatham Island. Collected by Tony Druce.
- 591 ***D. palustre***: flowers and capsules December 1977 from Lewis Pass, east of Reefton, Westland. Collected by Neill Simpson.
- 593 ***D. strictum***: flowers July 1965 from Mamaku Plateau, near Rotorua. Collected by Audrey Eagle.
- 595 ***D. menziesii***: flowers December 1977 from Mackinnon Pass on the Milford Track to Milford Sound, Fiordland. Collected by Audrey Eagle. Capsules April 1977. Collected by John Bartlett.
- 597 ***D. patens***: flowers and juvenile leaves October 1976 from Mt Hobson, Great Barrier Island. Collected by John Bartlett. Capsules and branchlet, lower right, October 1979 from a plant cultivated by Tony Druce originally from Table Mountain, Colville Range, Coromandel Peninsula.
- 599 ***D. urvilleanum***: flowers December 1999 from “picked” specimen, branchlet January 2000 from

Kaiteriteri. All collected by Fanie Venter.

- 599 ***D. oliveri*** (i): flowers October, capsules March from The Wilderness Reserve near Te Anau, Southland.
- 601 ***D. oliveri*** (ii): flowers March 2000 from Mt Rochfort, Westport. Collected by Fanie Venter.
- 601 ***D. uniflorum*** var. ***frondosum***: flowers and capsules March 2000 from Deep Stream Bridge on the Middlemarch to Outram Road, Otago. Collected by Fanie Venter and Audrey Eagle.
- 603 ***D. rosmarinifolium***: flowers October 1977 from near Queenstown. Collected by Pauline Mayhill.
- 603 ***D. acerosum***: flowers November 1976, capsules January from a cultivated plant originally from Porters Pass, Canterbury.
- 605 ***D. scoparium***: flowers November 1978, capsules January from Christchurch Botanic Gardens. Collected by Brian Molloy. Branch June 1978 from a cultivated plant originally from Campbell Island. Collected by Peter Johnson.
- 607 ***D. subulatum***: flowers May, capsules November from a cultivated plant originally from Ruapehu.
- 609 ***D. pubescens***: flowers February, capsules October from a cultivated plant originally from Cobb Valley, North West Nelson.
- 609 ***D. kirki***: flowers December from Temple Basin, Arthur's Pass, Canterbury.
- 611 ***D. recurvum***: flowers December 1973, capsules March 1978 from Desert Road Volcanic Plateau, central North Island. Flowers collected by Audrey Eagle. Leaf on right, typical size, from a cultivated plant at Waipahihi Reserve, Taupo, originally from Desert Road. Collected by Ngarita Travers. Capsules collected by Leonie Garvey.
- 613 ***D. marmoricola***: flowers December 1980 Hoary Head, capsules April 1981 Mt Benson, both North West Nelson and collected by Barry Sneddon and Tony Druce.
- 613 ***D. politum***: flowers December 1979, capsules December 1978 from The Paps, Stewart Island. Collected by Rodney Russ.
- 613 ***D. muscoides***: flowers December 1978, capsules February 1978 from Rock and Pillar Range, Otago. Collected by Alan Mark.
- 615 ***D. prostratum***: flowers December 1976 from Homer Tunnel, Fiordland. Collected by John Bartlett. Unripe capsules March 1980 from Maungatua Range, Otago. Collected by Alan Mark.
- 615 ***D. pronum***: flowers December 1977 from Mt Haast, Victoria Range, Westland. Collected by Eric Godley and Neill Simpson. Capsules February 1980 from Gordons Knob, Richmond Range, Nelson. Collected by Tony Druce and Brian Molloy.
- 615 ***D. pearsonii***
- 617 ***Pouteria costata***: flowers from East Cape, fruit April 1969 from Karekare, Auckland.
- 619 ***Myrsine salicina***: flowers September 1955, fruit April 1956 from Otari Botanic Gardens, originally from Mamaku Plateau, near Rotorua. Supplied by Ray Mole. Section through fruit April 2003 also from Mamaku Plateau. Collected by Graeme Jane.
- 621 ***M. australis***: flowers March, fruit December from Hakarimata Range, Ngaruawahia. Collected by Audrey Eagle. Section through fruit March 2003 from Otago Peninsula, Dunedin. Collected by Moira Parker.



- 623 *M. kermadecensis*: flowers August 1980. Collected by John Newton. Fruit August 1978 from Raoul Island, Kermadec Islands. Collected by John Ombler.
- 623 *M. chathamica*: flowers June 1978 and ripe fruit October 1978 from Chatham Island. Unripe fruit from a plant cultivated on Stewart Island by Mrs Willa.
- 625 *M. oliveri*: fruit (ripe) December 1983, collected by Anthony Wright and Ewen Cameron. Unripe fruit December 1982, collected by Anthony Wright. Both from Three Kings Islands.
- 625 *M. coxii*: branchlet (non fruiting) November 1982 from Chatham Island. Collected by Pauline Mayhill. Flowers and unripe fruit October 1989, Chatham Island. Collected by Saskia Wood.
- 627 *M. divaricata* (i): female flowers August or November from Ruapehu. Male flowers from a cultivated plant originally from Lewis Pass, east of Reefton, Westland. Fruit enlargement and section April 2003 from Tongariro National Park. Collected by Bill Messenger.
- 629 *M. divaricata* (ii): flowers and fruit August 1998 from Woodhill Forest west of Helensville. Collected by Peter de Lange.
- 631 *M. argentea*: male flowers September from Mt Burnett, North West Nelson. Collected by John Hayward. Main specimen from a plant cultivated by Tony Druce, originally from Mt Burnett.
- 631 *M. aquilonia*: flowers and fruit August 2003 from a cultivated plant originally from Tawhiti Rahi Island off the Poor Knights Islands. Fruit October collected by Peter Heenan and Peter de Lange. Unripe fruit October 2003 also from Tawhiti Rahi Island collected by Lisa Forester.
- 633 *M. umbricola*: female flowers August 2003, fruit July 2003 from Tararua Range, southern North Island. Collected by Peter de Lange and Peter Heenan.
- 633 *M. nummularia*: flowers and fruit January from Arthur's Pass, Canterbury.
- 635 *Elingamita johnsonii*: flowers March, fruit April from a plant cultivated at Mt Albert Research Centre, Auckland, by Alan Esler.
- 637 *Nestegis apetala*: male flowers December 1978, female flowers and unripe fruit January 1978. All photographed by John Salmon at Oke Bay, Bay of Islands, Northland. Ripe fruit December 1987 from Oke Bay, collected by Katie Reynolds and sent by Anthony Wright.
- 639 *N. cunninghamii*: flowers September, fruit May from cultivated plants. Juvenile leaf January 2003 from Kaimai Range. Collected by Audrey Eagle. Seeds May 2003 also from Kaimai Range, Bay of Plenty. Collected by Graeme Jane.
- 641 *N. lanceolata*: flowers February 1969 from a cultivated plant supplied by Peggie Jenner. Fruit April from Mamaku Plateau near Rotorua.
- 643 *N. montana*: flowers October, fruit February 1971 from a cultivated plant.
- 645 *Geniostoma rupestre* var. *ligustrifolium* (i): flowers October 1954, capsules April from Claudelands Bush, Hamilton. Collected by Audrey Eagle.
- 647 *G. rupestre* var. *ligustrifolium* (ii): flowers September 1998, green capsules December 1996 from plants cultivated by Peter de Lange and also from plants cultivated at Percy's Reserve, Hutt Valley, Wellington by Robyn Smith. Ripe capsules and details of flowers from Great Island, Three Kings Islands. Collected by Peter de Lange.
- 649 *G. rupestre* var. *ligustrifolium* (iii): flowers October 1986, capsules June 1987 from a cultivated plant originally from Surville Cliffs, North Cape. Plant specimen collected and grown by Tony Druce.

- 651 ***Parsonsia heterophylla***: white flowers October 1960 from Waikato River bank, Taupiri. Collected by Audrey Eagle. Yellow flowers from Taumarunui. Collected by Ron Sinclair. Ripe seed capsules May, two seedling leaves (right), three juvenile leaves (lower centre) 2002 and enlargement of flower all from Collinswood Bush, Macandrew Bay, Otago Peninsula, Dunedin. Supplied by Nigel McPherson. Seedling (lower right) June 2003 from Otago Peninsula. Collected by Moira Parker.
- 653 ***P. capsularis* var. *capsularis***: flowers November 1960 from Bridal Veil Falls Raglan, Waikato. Collected by Audrey Eagle. Seed capsules March from Coromandel Peninsula.
- 655 ***P. capsularis* var. *grandiflora***: leaf May 2002 from Mt Zion, Waitakere Ranges, Auckland. Collected by Peter de Lange.
- 655 ***P. capsularis* var. *tenuis***: flowers November 1980 from near Broken River, Canterbury.
- 655 ***P. capsularis* (i)**: flowers November 1977 from Woodside Gorge near the Waima River, Marlborough. Collected by Margaret Parsons.
- 655 ***P. praeruptis***: flowers November from a cultivated plant originally from Surville Cliffs, North Cape. Supplied by Ross Michie. Capsule January 1990. Collected by Tony Silbury on a Wellington Botanical Society trip.
- 657 ***Alseuosmia macrophylla***: flowering branchlet November from Waitomo, King Country, fruit March from Mt Pirongia, collected by Audrey Eagle. Flowers top right September 2000 Awhitu Peninsula, southern arm of Manukau Harbour, Auckland. Flower lower right October 2000 from Mamaku Plateau near Rotorua. The latter two collected by Merylyn Merrett. Flowers upper left September 2000 from Kawaka Scenic Reserve, Warkworth, collected by Maureen Young.
- 659 ***A. turneri***: flowers October 1977 from a cultivated plant originally from Ohakune and fruit January 1979. Collected by John Bartlett.
- 661 ***A. pusilla***: flower October 1976, fruit October 1975 from Akatarawa River, Tararua Range, southern North Island. Collected by John Bartlett.
- 663 ***A. quercifolia* (i)**: flowers September 1976, fruit March 1977 from Hakarimata Range, Ngaruawahia, Waikato. Collected by Audrey Eagle.
- 665 ***A. quercifolia* (ii)**: flowering branchlet and fruit October from Hunua Range, Firth of Thames.
- 665 ***A. sp.* (i)**: flowers October 1997, fruit January 1998 from a plant cultivated at Percy's Reserve, Hutt Valley, Wellington, by Robyn Smith originally from Warawara Forest, Northland.
- 667 ***A. sp.* (ii)**: All collected January 1990 from Warawara Forest, Northland west coast on Wellington Botanical Society Golden Jubilee visit by Shannel Courtney and Audrey Eagle.
- 669 ***A.* variations from other Northland localities 1977**. Collected by John Bartlett and Rhys Gardner.
- 671 ***A.* variations: 1977 as above further collections by John Bartlett and Rhys Gardner**.
- 673 ***A. banksii***: flowers June 1974, fruit August from Mangamuka Gorge, Northland. Collected by Ross Michie.
- 675 ***A. banksii***: further variations from Northland. Collected by John Bartlett and Rhys Gardner.
- 677 ***Coprosma grandifolia***: flowers and fruit September 1967 from Kauaeranga Valley near Thames, Coromandel Peninsula. Stipules January 2001 from Mt Fyffe, Kaikoura. Both collected by Audrey Eagle.
- 679 ***C. macrocarpa* ssp. *macrocarpa***: female flowers 1974 from a plant cultivated by Ross Michie.

Fruit April 1987 from a plant cultivated by Katie Reynolds. Male flowers June 1975 from a plant cultivated by Ray Mole at Otari Botanic Gardens. Fruit April 1977, supplied by Ron McKenzie of Hamilton from a cultivated plant.

- 681 ***C. macrocarpa* ssp. *minor***: female flowers September 1977 from Unuwahao Bush east of Spirits Bay, Northland. Collected by John Bartlett. Fruit January 1981 from Cape Brett Peninsula, Northland. Collected by Phyllis Cantwell and Audrey Eagle.
- 683 ***C. aff. macrocarpa***: female flowers August, fruit December 1995 from a plant cultivated by Tony Druce, originally from Surville Cliffs, North Cape.
- 685 ***C. waima***: Fruit June 1987 from Hauturu, Waima Forest, Northland. Collected by Tony Druce.
- 687 ***C. waima***: female and male flowers from a plant collected June 1987 from Hauturu, Waima Forest, Northland and cultivated by Tony Druce.
- 689 ***C. repens* (i)**: flowers October from Wellington, fruit January from Hawera. Stipule January 2001 from Otago Peninsula. Collected by Audrey Eagle.
- 691 ***C. repens* (ii)**: female flowers October 1979 from a plant cultivated by Tony Druce, originally from coastal rocks, Poor Knights Islands. Fruit March 1980 also from a cultivated plant.
- 693 ***C. petiolata***: male flowers October 1978 from a cultivated plant originally from Raoul Island. Collected by Paul Dale. Female flowers and fruit February from Raoul Island. Collected by John Newton.
- 695 ***C. chathamica***: flowers October 1980, fruit February 1980 from Chatham Island. Collected by Alan Nixon, sent to Tony Druce and forwarded to Audrey Eagle.
- 695 ***C. acutifolia***: female flowers August 1980 from Raoul Island. Collected by John Newton. Male flower February 1979 from a plant cultivated by Tony Druce. Ripe fruit February 1979 and green fruit October 1978, Raoul Island. Both collected by Paul Dale.
- 697 ***C. tenuifolia***: flowers November, fruit March from Ruapehu.
- 699 ***C. robusta***: flowers and fruit July 1968 from a cultivated plant, Ngaruawahia, Waikato. Collected by Audrey Eagle.
- 701 ***C. lucida***: male flowers July, female flowers October, fruit April from Kaimai Range, Bay of Plenty. Leaves in outline 2001 from Otautau, Invercargill. Collected by Audrey Eagle. Small leaf from Kaiteriteri, Nelson.
- 703 ***C. dodonaeifolia***: female flowers and stipule November 1979 from Table Mountain, Kauaeranga Valley near Thames. Collected by Ken Haydock. Male flowers October 1976 from Mt Hobson, Great Barrier Island. Collected by John Bartlett. Fruit May 1977. Collected by John Bartlett.
- 705 ***C. arborea***: female flowers November 1978 from Whale Bay, Raglan, Waikato. Male flowers November 1980. Collected by Phyllis Cantwell, Jean Robertson and Audrey Eagle. Fruit July 1974 from a cultivated plant from Whangarei. Collected by Penelope Purvis.
- 707 ***C. spathulata* ssp. *spathulata***: branchlet on left from Radar Bush, Northland. Male and female flowers September 1964, collected by Toby (E D) Gilbert, fruit collected by Audrey Eagle. All from Hakarimata Range, Ngaruawahia, Waikato
- 709 ***C. spathulata* ssp. *hikuruana***: flowers October 1981 from a plant cultivated by Tony Druce, originally from Surville Cliffs, North Cape.
- 711 ***C. foetidissima***: flowers January from Lewis Pass, east of Reefton, Westland. Fruit February 1962 from Mt Pirongia, Waikato. Fruit collected by Audrey Eagle.

- 713 ***C. serrulata***: male flowers January 1979 from Lewis Pass, east of Reefton, Westland. Female flowers from a plant cultivated by Tony Druce. Fruit September 1976 from Arthur's Pass. Collected by John Bartlett.
- 713 ***C. decurva***: flowers and fruit November 1976 from a plant cultivated by Tony Druce, originally from Ruahine Ranges. Stipule from Lewis Pass, east of Reefton, Westland. Collected by Neill Simpson.
- 715 ***C. rotundifolia***: flowers and fruit September from Tauhei, Morrisville. Collected by Peggie Jenner. Enlargement of leaves and stipule January 2001 from Otatara Reserve, Invercargill. Collected by Audrey Eagle.
- 715 ***C. colensoi***: flowers December 1975 from Ruapehu, collected by Audrey Eagle. Fruit April from Mt Pirongia, Waikato.
- 717 ***C. propinqua* var. *propinqua***: female flowers September 1978 from Pukerua Bay near Wellington. Collected by Colin Ogle. Male flowers September 1978 from Landcare Research, Lincoln from a cultivated plant originally from Mt Oakden, Rakaia River, Canterbury. Collected by Brian Molloy. Side view of stipule April 2003 from Otago Peninsula. Collected by Moira Parker. Stipule March 1978 from Ronginui Road, Mangakino. Collected by Ken Haydock. Fruit March from Pureora Forest, King Country.
- 717 ***C. propinqua* var. *latiuscula***: branchlet December 1999 Puponga, Golden Bay. Collected by Shannel Courtney.
- 717 ***C. propinqua* var. *martinii***: October 1979 from a plant cultivated by Tony Druce originally from Chatham Island.
- 717 ***C. rigida***: female flowers September 1978 from Carters Bush, Wairarapa, cultivated by Tony Druce. Male flowers September 1978 from a cultivated plant originally from Balls Clearing, Hawke's Bay, collected by Tony Druce. White fruit September 1978 from a plant cultivated by Brian Molloy. Orange fruit April from Rangitoto Range.
- 719 ***C. elatirioides***: female flowers October 1978 from a cultivated plant originally from Lookout Bay, Te Anau, Fiordland. Collected by Brian Molloy. Male flowers October 1978 from Gowland Downs, North West Nelson. Collected by Tony Druce. Fruit March 1978 from upper Grey Valley, Lewis Pass, east of Reefton, Westland. Collected by Neill Simpson.
- 719 ***C. tayloriae***: female flowers December 1975 and white fruit March from Ruapehu. Pink fruit April 1975 from Rangitoto Range. Lower stipule September 2002. Collected by Neill Simpson.
- 721 ***C. pseudociliata***: flowers January 1978, from a plant cultivated by Tony Druce, originally from Mt Haast, Victoria Range, Westland. Hairy forms February 2002 from Mt Campbell. Collected by Graeme Jane.
- 721 ***C. dumosa***: flowers February 1977 from Mt Haast, Victoria Range, Westland. Collected by Neill Simpson. Fruit May 1997 from a cultivated plant originally from St Arnaud Range, Nelson Lakes National Park. Sent by Robyn Smith from Otari.
- 723 ***C. parviflora***: flowers September 1978, from a cultivated plant, Hukutaia Domain, Opotiki, Bay of Plenty, supplied by Marc Heginbotham. Fruit April 1978 from Hikurangi, Whangarei. Collected by John Bartlett.
- 723 ***C. obconica***: flowers September 1979 from Mataroa, north west of Taihape. Collected by Tony Druce. Fruit April 1978 from a cultivated plant originally from Wairoa Gorge, Nelson. Supplied by Ray Mole, Otari Botanic Gardens.
- 723 ***C. petriei***: male flowers April 1978, female flowers August 1978 from cultivated plants originally

- from Desert Road, Volcanic Plateau, central North Island. Collected by Tony Druce. Fruit February from a cultivated plant originally from Mt Cook National Park. Collected by Tony Druce.
- 725 ***C. distantia***: female flowers July 1987 from a plant cultivated by Tony Druce. Fruit April 1979 from Surville Cliffs, North Cape. Collected by John Bartlett.
- 727 ***C. neglecta*** (i): female flowers July 1981, male flowers September 1981 from plants cultivated by Tony Druce. Fruit April 1979 from Surville Cliffs, North Cape. Collected by Tony Druce.
- 727 ***C. neglecta*** (ii): flowers September 1991, fruit and shade form branchlet April 1991 from cliffs at Whangaroa Heads, Northland. Collected by Tony Druce.
- 729 ***C. neglecta*** (iii): flowers August 1998, fruit March 1999 from plants cultivated at Percy's Reserve, Hutt Valley, Wellington, originally from Great Island, Three Kings Islands. Supplied by Robyn Smith.
- 729 ***C. neglecta*** (iv): female flowers September 1999, male flower August 1996 from cultivated plants originally from Maunganui Bluff, Northland. Supplied by Tony Silbury. Female flowers supplied by Wayne Parr and Rodney Russ.
- 731 ***C. aff. colensoi***: male flowers November 1978 from Mt Stevens, North West Nelson. Female flowers and fruit from a cultivated plant from same area. Collected by Tony Druce.
- 731 ***C. fowerakeri***: flowers December 1979 from Porters Pass, Canterbury. Collected by Brian Molloy. Fruit May 1978 from Homer Tunnel. Collected by Peter Johnson.
- 733 ***C. acerosa*** (i): flowers October 1989 from Napier coast. Collected by Lucy Hodgson. Fruit March 1990.
- 733 ***C. acerosa*** (ii): male flowers November 1995 from near Waiouru. Collected by Geoff Rogers. Female flowers December 1996, Moawhango. Collected by Colin Ogle and Geoff Rogers. Fruit January 1998 from a plant cultivated at Percy's Reserve, Hutt Valley, Wellington, originally from Volcanic Plateau. Supplied by Robyn Smith.
- 735 ***C. acerosa*** (iii): flowers October 1984 Taranaki coast. Fruit February 1979 from the coast near Hawera. Collected by Colin Ogle.
- 735 ***C. brunnea***: female flowers November 1963, male flowers April 2001 from Cobb Valley, North West Nelson. Collected by Shannel Courtney. Illustrations from cultivated plants.
- 737 ***C. acerosa*** (iv): flowers October 1970 from a cultivated plant originally from Buller Gorge, Westland.
- 739 ***C. linariifolia***: male flowers November 1976 from a plant cultivated by Ray Mole at Otari originally from Waihi Gorge, Canterbury. Female flowers December 1999 Ashley State Forest. Collected by Brian Molloy. Fruit May from Eglinton Valley. Collected by Peter Johnson.
- 739 ***C. depressa***: flowers December 1978 from Mt Mueller, Lewis Pass, east of Reefton, Westland. Collected by Neill Simpson. Fruit January 1978 from a cultivated plant. Supplied by Tony Druce.
- 741 ***C. pseudocuneata*** (i): male and female flowers December 1975 from Ruapehu. Stipule November 2002 from Whakapapa, Ruapehu, supplied by Nick Singers. Fruit May 1976 from Mt Hikurangi, Raukumara Range. Collected by Audrey Eagle
- 742 ***C. pseudocuneata*** (ii): female and male flowers November from Mt Cargill, Dunedin. Subalpine fruiting branchlet January from Mt Travers, Lewis Pass, east of Reefton, Westland. Forest branchlet April from near Henry Saddle on track to George Sound, Fiordland.
- 743 ***C. cuneata***: flowers September 1981 from a cultivated plant originally from Campbell Island.

Supplied by Tony Druce. Fruit December 1977 from Mackinnon Pass, Milford Track.

- 743 ***C. intertexta***: female flowers June, male flowers September, fruit November. All from cultivated plants originally from Canterbury. Supplied by Tony Druce and Brian Molloy.
- 743 ***C. rubra***: female flowers June 1977 from a plant cultivated by Tony Druce near Lower Hutt, originally from Wairarapa. Male flowers September 1968 and fruit November. Both from plants cultivated by Ray Mole at Otari Native Plant Reserve.
- 745 ***C. rhamnoides*** (i): flowers and fruit August 1970 from a cultivated plant. Stipule March 2001 from the coast near Kaiteriteri, Tasman Bay, Nelson. Supplied by Shannel Courtney.
- 745 ***C. rhamnoides*** (ii): branchlet from Puponga, Golden Bay. Collected by Shannel Courtney.
- 745 ***C. rhamnoides*** (iii): branchlet December 1999 from Wharariki Beach, North West Nelson. Collected by Shannel Courtney.
- 745 ***C. tenuicaulis***: flowers August 1990 from a cultivated plant originally from Waitaanga Plateau, Taranaki. Supplied by Tony Druce.
- 747 ***C. perpusilla*** ssp. ***perpusilla***: flowers and fruit January 1975 from Mt Ruapehu. Collected by Audrey Eagle. Stipule November 1980 from a cultivated plant supplied by Tony Druce.
- 749 ***C. perpusilla*** ssp. ***subantarctica***: flowers December 1996 from Enderby Island. Collected by Brian Rance.
- 749 ***C. niphophila***: female flowers June 1988, male flowers March 1989 and fruit from plants cultivated and supplied by Tony Druce originally from Pisa Range, Wanaka.
- 751 ***C. crenulata***: flowers and fruit February 1978 from Mt Haast, Victoria Range, near Reefton.
- 751 ***C. aff. cheesemani*** (i): flowers and fruits January 1975 from Mt Ruapehu. Collected by Audrey Eagle.
- 753 ***C. aff. cheesemani*** (ii): female and male flowers December 1980 and fruit from Hoary Head, North West Nelson. Collected by Tony Druce.
- 755 ***C. cheesemani***: flowers December 1975, fruit January 1977 from Taranaki Falls Track, Mt Ruapehu. Collected by Audrey Eagle. Fruit, four colours, April 1997 from Swampy Summit, Dunedin. Collected by Alan Mark and Audrey Eagle.
- 755 ***C. microcarpa***: flowers January 1979 from a cultivated plant originally from Cobb Valley, North West Nelson. Fruit December 1975 from a cultivated plant originally from Mt Ruapehu. Stipule May 1989. All supplied by Tony Druce.
- 757 ***C. pedicellata***: flowers November 1977, Carters Bush, Wairarapa, fruit May 1978, also from Carters Bush. Collected by Tony Druce.
- 757 ***C. wallii***: male flowers November 1976 from a plant cultivated by Tony Druce, originally from Porters Pass, Canterbury. Female flowers October 1978, from a plant originally from Ruamahanga Range, Wairarapa, also cultivated by Tony Druce. Fruit March 1978 from Lewis Pass, Maruia. Collected by Neill Simpson.
- 757 ***C. atropurpurea***: female flowers November 1976 from a plant cultivated by Tony Druce originally from Mt Cook. Fruit March 1978, male flowers November 1978 from a plant cultivated at Waipahihi Scenic Reserve, Taupo. Supplied by Ngarita Travers.
- 759 ***C. areolata***: male flowers November 1977 Dunedin area. Collected by Ralph Allen. Female flowers Harbour Cone, Dunedin. Collected by Audrey Eagle. Fruit March 1978 from Riccarton

Bush, Christchurch. Collected by Brian Molloy.

- 759 ***C. crassifolia***: male flowers October 1997 from a plant cultivated at Hukutaia Domain, Opotiki, Bay of Plenty. Collected by Marc Heginbotham. Female flower September 1978 Riccarton Bush, Christchurch. Collected by Brian Molloy. Fruit March 1978 from a cultivated plant originally from Levin.
- 761 ***C. rugosa*** (i): female flower September 1976 from Huka Falls, Taupo. Collected by Pauline Mayhill. Male flowers September 1978 from a plant cultivated by Tony Druce, originally from Aorere Valley, North West Nelson. Fruit June 1976 from Mt Hikurangi, Raukumara Range, East Cape. Collected by Audrey Eagle.
- 761 ***C. rugosa*** (ii): branchlet October 1979 from a plant cultivated by Tony Druce originally from the Antipodes Islands.
- 761 ***C. virescens***: male flowers October 1977 from a cultivated plant originally from near Little River, Banks Peninsula. Female flowers and fruit May 1976 from Wairoa Gorge, Nelson. All from plants cultivated by Marc Heginbotham at Hukutaia Domain, Opotiki.
- 763 ***Celmesia angustifolia***: flowers November 1979 from McKenzie Pass on the road to Reefton, Westland. Collected by Bruce Given.
- 763 ***C. ramulosa*** var. ***ramulosa***: flowers December 1979 from South Canterbury. Collected by John Anderson of Fairlie, Canterbury.
- 763 ***C. brevifolia***: flowers December 1980 from a cultivated plant supplied by Bruce Given.
- 765 ***C. durietzii***: flowers November 1979 from a cultivated plant originally from Otira Gorge, Westland. Supplied by Bruce Given.
- 765 ***C. lateralis***: flowers December 1980 from a plant cultivated by Bruce Given, originally from Iron Hill, Cobb Valley, North West Nelson.
- 767 ***Olearia lyallii***: branchlet December 1996 from Erebus Cove, Davis Island, Ross Harbour, Auckland Island. Collected by Brian Rance. Seedheads November 2000 from Erebus cove. Collected by Alan Mark.
- 769 ***O. colensoi*** var. ***colensoi***: flowers December 1978 from Wharite Peak, southern Ruahine Range. Collected by Yvonne Thorburn. Seedheads May 1976 from Mt Hikurangi, Raukumara Range, east coast. Collected by Audrey Eagle.
- 771 ***O. colensoi*** var. ***grandis***: flowers November 1998 from Boulder Beach, Ulva Island, Golden Bay, Stewart Island. Collected by Ros Cole.
- 773 ***O. colensoi*** var. ***argentea***: December 1998 from Table Hill, Stewart Island. Collected by Ros Cole.
- 775 ***O. crebra***: flowers December 1987 from Bluff below Hauturu Trig, Waima Forest, Northland. Seedheads February 1988 from the same situation. Both collected by Anthony Wright.
- 777 ***O. pachyphylla***: leaves May 1976, flowers April 1977 from a plant cultivated at Waipahihih Botanical Reserve, Taupo, by Ngarita Travers. Branchlet from a cultivated plant from Hukutaia Domain, Opotiki, Bay of Plenty, cultivated by Marc Heginbotham.
- 779 ***O. townsonii***: flowers January 1974, seedheads March from a cultivated plant originally from Kapaki near Te Kuiti, Waikato. Collected by Nan Parks.

- 781 *O. furfuracea* (i): flowers 1957 from Tapu area, Coromandel Range. Collected by Audrey Eagle.
- 783 *O. furfuracea* (ii): flowers and dried seedheads January from a plant cultivated by Tony Druce originally from the Kaweka Range, west of Napier.
- 785 *O. rani* var. *rani*: leaf outline February 2003 from Puketi Forest, Bay of Islands. Collected by Audrey Eagle.
- 785 *O. rani* var. *colorata*: flowers October 1995 from near MacKays Crossing, Kapiti Coast. Collected by Olaf John. Large leaf in outline April 2002 supplied by Pat Enright.
- 787 *O. albida* var. *albida*: flowers April 1979 from North Auckland. Collected by John Bartlett. Seedheads June 1986 from a plant cultivated by Tony Druce.
- 789 *O. albida* var. *angulata*: flowers May 1996 from a plant cultivated at DSIR, Lincoln, collected originally from North Cape by Brian Molloy.
- 791 *O. arborescens*: flowers December 1975 from Mt Ruapehu. Collected by Audrey Eagle. Seedheads March from a cultivated plant.
- 793 *O. allomii*: flowers November 1978, seedheads January 1979 from a plant cultivated by Tony Druce.
- 795 *O. avicenniifolia*: flowers February 1975 from a plant cultivated at Waipahihi Botanical Reserve, Taupo, by Ngarita Travers. Flowerheads September 1976 from Takaka Hill, North West Nelson. Collected by Ken Haydock.
- 797 *O. cheesemani*: flowers October 1974 from a cultivated plant originally from McLarens Falls, Kaimai Range, Bay of Plenty. Collected by Reg Bell. Seedheads December from a plant cultivated by Phyllis Cantwell.
- 799 *O. ilicifolia* (i): flowers January 1996 and seedheads from Waituhi Saddle, southern end of Hauhungaroa Range, near Lake Taupo. Collected by Ross Bishop.
- 801 *O. ilicifolia* (ii): flowers January 1969 from Chaslands, near the coast east of Invercargill. Collected by Audrey Eagle. Seedheads February 1988 from a cultivated plant.
- 803 *O. paniculata*: flowers March 1967 from a plant cultivated by Audrey Eagle. Single leaf outline July 2003 from Hinewai, Banks Peninsula. Supplied by Hugh Wilson.
- 805 *O. lacunosa* (i): flowers January 1980 from Mt Misery near Lake Rotoroa. Collected by Mike Clare.
- 805 *O. lacunosa* (ii): branchlet March 1978 from Table Top, Tararua Range. Collected by Richard Lindsay.
- 807 *O. crosby-smithiana*: branchlet February 1976 from a cultivated plant originally from The Hump, south of Lake Hauroko, Fiordland. Supplied by Peter Johnson. Seedhead from a herbarium specimen CHR 341298 originally from Mt George, Fiordland.
- 807 *O. oporina*: flowers January 1979 from a plant cultivated at Lincoln Botony Division, originally from Doubtful Sound, Fiordland. Supplied by Brian Molloy. Seedhead February 1979 from the same plant.
- 809 *O. angustifolia*: flowers December 1977 from Bench Island, near Stewart Island. Collected by Audrey Eagle.
- 811 *O. chathamica*: flowers December 1978 from a plant cultivated in Invercargill by Lawrie



Metcalf.

- 811 ***O. semidentata***: flowers November 1978, seedhead January from a plant cultivated at Otari Native Plant Reserve, Wellington by Ray Mole.
- 813 ***O. traversii***: flowers November 1977, seedheads May 1977 from a plant cultivated at Waipahihi Botanical Reserve, Taupo. Supplied by Ngarita Travers.
- 813 ***O. laxiflora***: flowers December 1978, seedheads January 1979 from a plant cultivated at Christchurch Botanic Gardens originally from Maruia Valley, east of Reefton, Westland. Both specimens supplied by Brian Molloy.
- 813 ***O. coriacea***: flowers February 1978, seedheads March 1980 from Woodside Gorge, south of Waima River, South Marlborough. Both specimens supplied by Margaret Parsons.
- 815 ***O. odorata***: flowers January 2003 from Blackstone Hill, Otago. Collected by Brian Molloy. Branchlet without flowers November from Gorge Creek near Lake Roxburgh, south of Alexandra. Collected by John Barkla.
- 815 ***O. adenocarpa***: flowers January, seedheads February from Harewood, Christchurch. Collected by Brian Molloy.
- 815 ***O. polita***: flowers October 1978, seedheads December from cultivated plants originally from Glenhope, North West Nelson. Collected by Tony Druce.
- 817 ***O. solandri***: flowers April 1975, seedheads May from cultivated plants originally from Ruapuke Beach near Raglan.
- 819 ***O. fimbriata***: flowers January 1994 from Pomahaka River near Balclutha, Otago. Collected by Brian Rance.
- 819 ***O. virgata*** (i): flowers November 2000 from South Taupo wetland near Turangi. Collected by Nick Singers. Robyn Smith provided flowers from a plant cultivated at Percy's Reserve, Hutt Valley, Wellington. Seedheads August 2005 from near Waiouru township. Collected by Geoff Rogers.
- 819 ***O. virgata*** (ii): flowers January 1979 from a cultivated plant originally from Pelorus River. Collected by Tony Druce. Seedheads January 1979 from a cultivated plant originally from Pelorus River near Nelson. Collected by Brian Molloy.
- 821 ***O. bullata***: flowers November 1978, seedheads January 1979 from a plant cultivated at Christchurch Botanic Gardens originally from Cass, Waimakariri Basin, Canterbury. Supplied by Brian Molloy.
- 821 ***O. lineata***: flowers November 1978 from a plant cultivated at Christchurch Botanic Gardens. Supplied by Brian Molloy.
- 823 ***O. gardneri***: flowers December 1988 from a plant cultivated by Garry Foster, originally from Masterton area. Juvenile branchlet May 1997 collected by Geoff Rogers. Adult branchlet May 1997 from Hautapu River flat, Mataroa, Taihape. Collected by Colin Ogle.
- 823 ***O. hectorii***: flowers October 1976 from a plant cultivated at Otari Botanic Gardens originally from West Otago. Supplied by Ray Mole.
- 825 ***O. fragrantissima***: flowers November 1976 cultivated at Otari Botanic Gardens originally from Taieri Gorge, Otago. Supplied by Ray Mole. Seedheads from a cultivated plant originally from Banks Peninsula.
- 825 ***O. moschata***: flowers December 1977, seedheads January 1975 from Mackinnon Pass, Milford Road, Fiordland. Collected by Ken Haydock.

- 825 ***O. quinquevulnera***: flowers January 1979 from Cobb Valley, North West Nelson. Seedheads January 1978 from a cultivated plant originally from Mt Taranaki. Collected by Tony Druce.
- 827 ***O. nummulariifolia*** var. ***nummulariifolia*** (i): flowers January 1975 from Mt Ruapehu. Collected by Audrey Eagle. Seedheads February from Mt Ruapehu.
- 827 ***O. nummulariifolia*** var. ***nummulariifolia*** (ii): branchlet January 1993 from Temple Basin, Arthur's Pass, Westland. Collected by Tony Druce. Flowers and seedheads February from Kea Basin, Mt Earnslaw, north of Lake Wakatipu.
- 827 ***O. nummulariifolia*** var. ***cymbifolia***: flowers December 1978 from a plant cultivated at Christchurch Botanic Gardens originally from Hurunui Gorge, North Canterbury. Seedheads March 1978 from a plant cultivated at Waipahihi Botanical Reserve, Taupo originally from Hurunui Gorge, North Canterbury. Supplied by Ngarita Travers.
- 829 ***Pachystegia*** sp. (A): flowers January from a cultivated plant. Collected by Brian Molloy.
- 831 ***P.*** sp. (B): flowers and seedheads from Leader Valley, North Canterbury. Collected by Brian Molloy.
- 833 ***P. insignis***: flower December 1979 from Haldon Hills, South Marlborough. Seedheads January 1980. Collected by Brian Molloy.
- 835 ***P. minor*** (i): flowers January 1978 from a plant cultivated by Tony Druce. Seedheads February 1978 from a plant cultivated at Waipahihi Reserve, Taupo, by Ngarita Travers.
- 837 ***P. minor*** (ii): flower January, seedheads February from Ohau Point, South Marlborough coast.
- 839 ***P. rufa***: flowers December 1979, seedheads January 1980 from Stanley Brook, Little Haldon Hills, South Marlborough. Collected by Brian Molloy.
- 841 ***Helichrysum lanceolatum*** (i): flowers December, seedheads March, from Te Aroha Mountain, Kaimai Range, Waikato. Collected by Peggie Jenner.
- 841 ***H. lanceolatum*** (ii): branchlet collected by Audrey Eagle on Wellington Botanical Society's Golden Jubilee Camp to Surville Cliffs, Northland and cultivated in New Plymouth. Flowers from an Auckland Museum herbarium specimen.
- 843 ***H. lanceolatum*** (iii): flowers November 1976 from Hutt Valley, Wellington. Collected by Tony Druce.
- 843 ***H. depressum***: flowers March 1979, seedheads March 1978 from Cass, Canterbury, on road from Christchurch to Hokitika. Collected by Joe Cartman.
- 843 ***H. dimorphum***: flowers and seedheads March 1979 from Poulter River, east of Christchurch. Collected by David Given.
- 845 ***H. plumeum***: flowers December 1979 from Two Thumb Range, Dalgety Range, The Hunter Hills, Canterbury. Seedheads January 1980. Collected by Alan Mark.
- 845 ***H. parvifolium***: flowers and seedheads January 1978 from a cultivated plant originally from Mt Isobel, Hanmer Springs, North Canterbury. Collected by Brian Molloy.
- 845 ***H. coralloides***: flowers January 2003 from Muller Station on Molesworth Road, South Marlborough. Collected by Cathy Jones, Jan Clayton-Greene and Geoff Rogers. Non-flowering branchlet August 1981, collected by Brian Molloy.
- 847 ***H. intermedium*** (i): flowers November 1976 from a plant cultivated at Otari Botanical Gardens,

- originally from North West Nelson. Supplied by Ray Mole. Seedheads March 1981 from Matiri Road, North West Nelson. Collected by Tony Druce.
- 847 *H. intermedium* (ii): branchlet from a cultivated plant, originally from Mt Mason.
- 847 *H. intermedium* (iii): branchlet from a cultivated plant originally from Cape Saunders, Otago Peninsula, Dunedin.
- 849 *H. intermedium* (iv): flowers January 1994 from Deep Stream, Lake Aviemore on Waitaki River west of Oamaru. Collected by Brian Molloy.
- 849 *H. intermedium* (v): flowers February 1997 from Mt Crichton north of Lake Wakatipu. Collected by Neill Simpson.
- 849 *H. intermedium* (vi): flowers December 1993 from a plant cultivated at Lincoln Landcare Research from a plant originally from Isolation Creek, South Marlborough. Supplied by Brian Molloy.
- 849 *H. intermedium* (vii): January 1991 from Serpentine Creek, Wairau-Hanmer Road, Molesworth Station, South Marlborough. Collected by Audrey Eagle.
- 851 *Ozothamnus leptophyllus* (i): this widespread form of the species was accidentally not illustrated. Audrey Eagle.
- 851 *O. leptophyllus* (ii): flower November, seedheads January from a cultivated plant originally from Surville Cliffs, North Cape.
- 851 *O. leptophyllus* (iii): branchlet July 1973, details July 1980 from Desert Road Volcanic Plateau, central North Island.
- 853 *O. leptophyllus* (iv): flowers October 1992 from Flat Top Hill above Clutha River near Alexandra, Otago.
- 853 *O. leptophyllus* (v): branchlet from a plant cultivated at Percy's Reserve, Hutt Valley, Wellington by Robyn Smith, originally from Ben More Station near Waima/Ure River, South Marlborough.
- 853 *O. leptophyllus* (vi): flowers and seedheads October from coast between Nguroa and Kaihoka, along coastal strip between Farewell Spit and Whanganui Inlet, North West Nelson. Collected by Shannel Courtney.
- 853 *O. leptophyllus* (vii): flowers February 1968, seedheads March from a cultivated plant.
- 855 *Brachyglottis arborescens*: flowers August 1976, seedheads October 1976 from a plant cultivated at Mt Albert DSIR. Supplied by Alan Esler.
- 857 *B. hectorii*: flowers February 1974, seedheads March from a plant cultivated by Nan Parks, originally from Takaka Hill, Nelson.
- 859 *B. myrianthos*: flowers October 1979. Collected by Ken Haydock. Leaf October 1977. Collected by Tony Druce. Both from Kauaeranga Valley near Thames.
- 861 *B. repanda*: flowers September 1967, seedheads February 1968 from Hakarimata Range, Ngaruawahia. Collected by Audrey Eagle.
- 862 *B. rotundifolia* var. *rotundifolia*: flowers December, seedheads January from Stewart Island.
- 865 *B. rotundifolia* var. *ambigua*: flowers and seedheads January 1999 from beside beach north of Charleston and south of Westport. Collected by Natasha Grainger.

- 867 ***B. buchananii***: flowers January 1998 from Swampy Summit, Dunedin. Collected by Tony Aldritch and Audrey Eagle. Branchlet and seedheads March 1997 from Swampy Summit. Collected by Alison Evans.
- 869 ***B. elaeagnifolia***: branchlet March 1976 from Mt Hikurangi, Raukumara Range, East Cape. Flowers January 1981, seedheads February 1981 from Mt Taranaki. Collected by Herb Spannagle.
- 871 ***B. bidwillii***: flowers January 1975, seedheads February from Mt Ruapehu. Collected by Audrey Eagle.
- 873 ***B. stewartiae***: flowers December 1977 from Bench Island near Paterson Inlet, Stewart Island. Collected by Audrey Eagle.
- 875 ***B. huntii***: flowers January 1979 and seedheads from a plant cultivated at Invercargill Botanic Gardens. Supplied by Lawrie Metcalfe.
- 877 ***B. kirkii* var. *kirkii***: flowers November 1979, seedheads January 1980 from Akatarawa Valley, Wellington. Collected by Tony Druce.
- 879 ***B. kirkii* var. *angustior***: flowers March 1968 from Kopu-Hikuai highway, Coromandel Peninsula. Collected by Audrey Eagle.
- 881 ***B. greyi***: flowers November 1971, seedheads December from a cultivated plant originally from Cape Palliser, Wairarapa. Collected by Tony Druce. Lobed leaf form added October 1989 also from Tony Druce.
- 883 ***B. laxifolia***: flowers January 1975 from Harwoods Hole Takaka Hill, St Arnaud Range, Nelson. Branchlet added December 1993 from a cultivated plant originally from Wairau Valley, Western Marlborough. All supplied by Tony Druce.
- 885 ***B. revoluta***: flowers December 1977, seedheads February from Mackinnon Pass, Fiordland. Collected by Audrey Eagle.
- 887 ***B. monroi***: flowers January 1977 from a plant cultivated at Waipahihi Reserve Botanical Gardens, Taupo. Supplied by Ngarita Travers. Seedheads January 1978 from a cultivated plant originally from Napenape, North Canterbury. Collected by Brian Molloy.
- 887 ***B. adamsii***: flowers February 1978 from Lake Sylvester, Cobb Valley, North West Nelson. Collected by Audrey Eagle. Seedheads March also from Lake Sylvester.
- 889 ***B. pentacopa***: flowers December 1979 from a cultivated plant originally from Mt Percy, Wairarapa. Collected by Tony Druce.
- 889 ***B. compacta***: flowers January 1980, seedheads February 1981 from a cultivated plant grown in Christchurch Botanic Gardens. Supplied by Brian Molloy.
- 891 ***B. perdicioides***: flowers November 1977, seedheads December from a cultivated plant originally from Hicks Bay, East Cape. Collected by Tony Druce.
- 891 ***B. cassinioides***: flowers March 1978, seedheads April from upper Dart Valley, Mt Aspiring National Park. Collected by Alan Mark.
- 893 ***B. bifistulosa***: plant material not seen alive. Photo of plant supplied by Margaret Bulfin (née Simpson). Flowers from photo by David Given. Herbarium specimen No. 175008, CHR Allan Herbarium, Landcare Research, Lincoln, for leaf sizes, etc., January 1967. Supplied by David Given.
- 895 ***B. sciadophila***: flowers February 1975, seedheads March from a plant cultivated at Waipahihi Botanical Reserve, Taupo, originally from Banks Peninsula. Supplied by Ngarita Travers.

- 897 ***Traversia baccharoides***: flowers January 1971 from a cultivated plant, seedheads February from Lake Sylvester, Cobb Valley, North West Nelson. Branchlet from a cultivated plant supplied by Tony Druce.
- 899 ***Scaevola gracilis***: flowers August 1980 from Raoul Island, Kermadec Islands. Collected by John Newton. Fruit November 1980 from Raoul Island. Collected by Bill Sykes.
- 901 ***Colensoa physaloides***: flowers January 1967, fruit May 1967 from a plant cultivated at Kauri Point, Birkdale, Auckland by Muriel Fisher.
- 903 ***Solanum laciniatum***: flowers and fruit February 1976 from a plant cultivated by Reg Bell.
- 905 ***S. aviculare* f. *aviculare***; flowers October 1970 from a cultivated plant, fruit from Mt Pirongia, Waikato.
- 907 ***S. aviculare* f. *latifolium***: flowers March 1993, fruit June 1993 from a cultivated plant originally from a northern off-shore island.
- 909 ***Calystegia tuguriorum***: flowers October, seedhead January from Kaiua, Firth of Thames.
- 911 ***C. sepium* ssp. *roseata***: flowers January 1978 from a cultivated plant originally from coast near Cape Egmont. Seedhead March 1979. Both from Tony Druce.
- 913 ***C. soldanella***: flowers March 1980 and seedhead from Little Waihi, Bay of Plenty. Collected by Audrey Eagle.
- 915 ***C. marginata***: flowers December 1981 collected by J Wadeson from her farm on Whangaruru Peninsula, near Cape Brett, Northland. Seedhead January 1981 collected by Phyllis Cantwell and Audrey Eagle from the Wadeson farm.
- 917 ***Ipomoea pes-caprae* ssp. *brasiliensis***: flowers November 1979 from Raoul Island. Collected by Bill Sykes. Seedheads September 1978 from Raoul Island. Collected by Paul Dale. Branchlet April 1978 from dunes Ninety Mile Beach. Collected by Des Ogle.
- 919 ***I. cairica***: flowers May from a plant cultivated by Audrey Eagle. Seedhead January from Tauranga Bay, Whangaroa, Northland.
- 921 ***Parahebe catarractae***: flowers March 1980, seedheads April 1981 from a plant cultivated at Lincoln Landcare Research, originally from Lake Manapouri. Supplied by Phil Garnock-Jones.
- 923 ***Heliohebe hulkeana* ssp. *hulkeana***: flowers October, seedheads March from a plant cultivated by Athol Caldwell, Hamilton. Single leaf and front view of flower, shown enlarged, November 2002 from a plant cultivated by Jenny Joyce, Macandrew Bay, Otago.
- 925 ***H. hulkeana* ssp. *evestita***: flowers October 1999 collected by Jane Clayton-Greene, capsules March 1999 collected by Cathy Jones. Both from Waima/Ure River, South Marlborough.
- 927 ***H. lavaudiana***: flowers December 1978 from Armstrong Reserve, Banks Peninsula. Seedheads February 1978 from a cultivated plant. All supplied by Brian Molloy.
- 927 ***H. raoulii* ssp. *raoulii***: mauve flowers, right, September 1978 from a cultivated plant originally from Mt St Patrick, North Canterbury. Collected by Tony Druce. Pink flowers and seedhead, left, October 1976 from Mt Fyffe, Seaward Kaikoura Range. Collected by Ken Haydock.
- 929 ***H. raoulii* ssp. *maccaskillii***: flowers October 1979 from a cultivated plant originally from Weka Pass. Collected by Brian Molloy. The specimen with larger flowers and capsules October 1979 was also from Weka Pass, North Canterbury. Collected by David Given.

- 929 ***H. pentasepala***: flowers September 1979 from a cultivated plant originally from Langridge Station, 3 km north of Molesworth Creek. Capsules October 1979 from Langridge Station. Collected by Bruce Given.
- 931 ***H. acuta***: flowers from a photo taken on an early visit by Shannel Courtney beside George Stream, northern Seaward Kaikoura Range, at 1040 m above sea level. Cathy Jones, Jane Clayton-Greene and Shannel Courtney collected seedheads December 1999. No flowers on that visit to the same area.
- 931 ***Hebe* aff. *brevifolia***: flowers November 1999 and seedheads April 2000 from a cultivated plant originally from Surville Cliffs, North Cape. Collected by Peter de Lange.
- 933 ***Hebe brevifolia***: flowers November 1976 and seedhead April from a plant cultivated at Otari Botanical Gardens originally from Surville Cliffs, North Cape. Supplied by Ray Mole. Smaller flowers January from Surville Cliffs, North Cape.
- 935 ***H. macrocarpa* var. *macrocarpa* (i)**: flowers and seedheads October 1977 from Kauaeranga Valley, Coromandel Peninsula. Collected by Tony Druce.
- 937 ***H. macrocarpa* var. *macrocarpa* (ii)**: flowers October 1986, seedhead April from a plant cultivated by Tony Druce, originally from Great Barrier Island.
- 939 ***H. macrocarpa* var. *latisepala***: flowers November 1977, seedhead May 1977 from a cultivated plant originally from Little Barrier Island. Collected by Tony Druce.
- 941 ***H. speciosa***: flowers October 1978, seedhead February 1979 from a cultivated plant originally from Maunganui Bluff, Northland. Collected by Del Purdie.
- 943 ***H. breviracemosa***: flowers January 1992, seedhead June 1991 from Raoul Island, cultivated on Auckland University campus by Ewen Cameron. Flowers and seedhead from a plant grown by Audrey Eagle at New Plymouth.
- 945 ***H. dieffenbachia***: flowers January 1978, seedheads August from a cultivated plant originally from Chatham Island. Supplied by Tony Druce.
- 945 ***H. barkeri***: flowers March, seedhead June from a plant cultivated at Lincoln Landcare Research. Supplied by Brian Molloy.
- 947 ***H. corriganii***: flowers October 1976, seedhead June from a plant cultivated at Hukutaia Domain, Opotiki, Bay of Plenty. Originally from McLaren Falls, Kaimai Range, the type locality. Collected by Marc Heginbotham.
- 949 ***H. salicifolia***: flowers and seedhead December 1997 from Lake Wanaka. Single leaf May 1981 from a cultivated plant originally from Aorere Valley, North West Nelson. Specimens from Tony Druce.
- 951 ***H. obtusata***: flowers March 1976, seedhead November from a cultivated plant originally from Piha, North Auckland. Supplied by Jean Robertson.
- 951 ***H. stricta* var. *egmontiana***: flowers April 1978, seedhead July 1978 from a cultivated plant originally from Mt Hikurangi, Raukumara Range, East Cape.
- 951 ***H. stricta* var. *lata***: one leaf May 1981 from a cultivated plant originally from Kaimanawa Mountains, central North Island. Supplied by Tony Druce.
- 953 ***H. stricta* var. *stricta***: flowers March 1958, seedhead May from a local cultivated plant grown at Ngaruawahia by Audrey Eagle.
- 955 ***H. stricta* var. *atkinsonii***: a single leaf from Pinehaven, Hutt Valley. Collected by Tony Druce.

- 955 *H. stricta* var. *macroura*: a single leaf (upper) from Fitzroy Bay, Wellington coast. A single leaf (lower) from Paekakariki Hill, Kapiti Coast. Both June 1981 supplied by Tony Druce.
- 955 *H. angustissima*: flowers March, seedhead June 1981 from a cultivated plant originally from Otaki Gorge, Tararua Range. Supplied by Tony Druce.
- 957 *H. aff. stricta*: flowers January from a cultivated plant originally from William Upton Hewitt Reserve, Pipiwai, Northland. Collected by Tony McCluggage.
- 957 *H. aff. bishopiana*: flowers January 1997, seedhead May 1996 from a cultivated plant originally from Hikurangi Swamp, Northland. Collected by Peter de Lange.
- 959 *H. bishopiana*: flowers September 1978, seedhead January from a cultivated plant originally from Waitakere Ranges, Auckland. Collected by Colin Ogle.
- 959 *H. ligustrifolia* (i): flowers December 1978 from Mt Manaia, Northland, seedhead January from a cultivated plant. Both supplied by John Bartlett.
- 961 *H. ligustrifolia* (ii): flowers January 1977 from a cultivated plant originally from Spirits Bay, Northland. Collected by Pauline Mayhill. Seedhead October 1977 from a plant cultivated by Marc Heginbotham at Hukutaia Domain, Opotiki, Bay of Plenty.
- 963 *H. acutiflora*: flowers January 1977 from a cultivated plant originally from Kerikeri Falls, Northland. Supplied by Reg Ball of Pirongia. Seedhead May from a cultivated plant, supplied by Ray Mole of Otari Botanical Gardens, Wellington.
- 965 *H. flavida*: flowers April 1999 from a cultivated plant originally from Hauturu Trig, Waima Forest, near Hokianga, Northland. Seedhead October 1999 also from Hauturu Trig. Collected by Peter de Lange.
- 967 *H. perbella*: flowers August 1980 from Herekino near Kaitaia, Northland. Collected by John Bartlett. Seedhead February from a cultivated plant originally from Tanutanu Stream, Ahipara Gumlands, near Kaitaia.
- 969 *H. tairawhiti*: flowers April 1979, seedheads September 1978 from a cultivated plant originally from east of Wairoa, East Coast. Collected by Tony Druce.
- 971 *H. townsonii*: flowers and seedhead November 1975 from Mt Burnett, North West Nelson. Collected by Ken Haydock.
- 972 *H. paludosa*: flowers and seedhead March 1997 from Lake Wahapo, near Okarito Lagoon, Westland, and two single leaves from Mt Hercules, Westland. Collected by David Norton.
- 975 *H. taversii*: flowers January from a cultivated plant originally from Woodside Gorge, South Marlborough. Collected by Tony Druce. Seedhead March 1978 from a plant cultivated at Otari Native Plant Reserve, originally from Lees Valley, North Canterbury. Supplied by Ray Mole.
- 975 *H. stenophylla* var. *stenophylla* (i): flowers January 1978 from a cultivated plant originally from Taylor River near Blenheim. Seedhead March from a cultivated plant originally from Pelorus River east of Nelson. Collected by Tony Druce.
- 975 *H. stenophylla* var. *stenophylla* (ii): flowers and single leaf June 1981 from a cultivated plant originally from Ngaruroro River, Kaimanawa Range, central North Island.
- 975 *H. stenophylla* var. *hesperia*: seedhead June 1981 from a cultivated plant originally from West Whanganui Inlet, North West Nelson. Collected by Tony Druce.
- 977 *H. stenophylla* var. *stenophylla* (iii): flowers October 1995, seedhead April 1997 from a

- cultivated plant originally from cliff above Mangawharariki Stream, Mangaweka, south of Taihape. Collected by Colin Ogle.
- 977 *H. stenophylla* var. *oliveri*: flowers and seedhead July 1997 from Stephens Island, Cook Strait. Collected by Shannel Courtney.
- 979 *H. parviflora*: flowers January from a cultivated plant originally from Ngaruroro River, Kaweka Range, west of Napier. Supplied by Tony Druce. Seedhead May 1977 from a plant cultivated at Otari Botanic Gardens originally from Hen Island, Hen and Chickens Islands. Supplied by Ray Mole.
- 979 *H. treadwellii* (i): flowers and seedhead October 1977 from a cultivated plant originally from Mt Cook National Park. Supplied by Tony Druce.
- 981 *H. treadwellii* (ii): branchlet October 1994 from a cultivated plant originally from Bald Knob Ridge between Mt Owen and Matiri Range, North West Nelson. Collected by Tony Druce. Flowers December 1996 from a cultivated plant supplied by Arnold Dench.
- 981 *H. adamsii*: flowers October 1993 from a cultivated plant originally from Spirits Bay area, Northland. Capsules February 1997 from a cultivated plant originally from The Pinnacle, Unuwahao Bush, Spirits Bay, Northland. Collected by Peter de Lange.
- 983 *H. bollonsii*: flowers November 1976, seedhead May 1977 from a plant cultivated by Ray Mole at Otari Native Plant Reserve, originally from Hen Island, Hen and Chickens Islands.
- 983 *H. pubescens* ssp. *sejuncta* (i): flowers February 1980, seedhead April 1980 from a cultivated plant originally from Mokohinau Islands, Eastern Northland.
- 985 *H. pubescens* ssp. *sejuncta* (ii): flowers February 1999, seedhead May from a cultivated plant originally from Tirikakawa Stream, Little Barrier Island. Collected by Peter de Lange.
- 985 *H. arganthera*: flowers January 1999 collected by Brian Rance, seedhead April 1998 collected by Kelvin Lloyd. Both from Takahe Valley, Murchison Mountains, Fiordland.
- 987 *H. pubescens* ssp. *pubescens*: flowers September 1976, seedhead July 1978 from plants cultivated at Hukutaia Domain, Opotiki, Bay of Plenty, originally from Port Charles, Coromandel Peninsula. Supplied by Marc Heginbotham.
- 987 *H. pubescens* ssp. *rehuarum*: from a cultivated plant originally from Little Barrier Island. Collected by Peter de Lange.
- 987 *H. diosmifolia*: flowers December 1980 collected by Molly Russell, seedhead March 1980 collected by Phyllis Cantwell and Pat Bates from Karikari Peninsula, Northland.
- 989 *H. aff. diosmifolia*: flowers October 1974, seedhead June 1977 from a plant originally from Whangarei, cultivated by Audrey Eagle.
- 989 *H. insularis*: flowers November 1976, seedhead March from a cultivated plant supplied by Colin Ogle.
- 989 *H. rakaiensis*: flowers November 1976 from a plant cultivated by Tony Druce, seedhead July 1977 from a plant cultivated by Ray Mole at Otari Botanic Gardens, originally from Middlemarch, Otago.
- 991 *H. gracillima*: flowers January 1977 from Aorere Range, North West Nelson. Seedheads September 1977 from a plant cultivated by Ray Mole at Otari Botanic Gardens, originally from Boulder Lake, North West Nelson.
- 991 *H. colensoi*: flowers October 1977, seedhead January 1978 from a plant cultivated by Tony Druce,



originally from Ngaruroro River, Kaweka Range, west of Napier.

- 993 *H. benthamii*: branchlet April 1979 from Beeman Hill, Campbell Island, altitude 700 m. Collected by John Mazey and Dave McKerchar. Flowers from a photograph by David Given.
- 995 *H. elliptica* (i): single white flower (ii) October 1976 West Whanganui Inlet, North West Nelson. Collected by Peggie Jenner. White and mauve flowers (i) November 1976 from a plant cultivated by Tony Druce, originally from North West Nelson coast. Seedheads March 1978 from a plant cultivated by Ray Mole at Otari Botanic Gardens, originally from Punakaiki, Westland.
- 995 *H. elliptica* (ii): flower December 1979 from a plant cultivated by Brian Molloy. Variation of *H. elliptica* (i).
- 995 *H. subalpina* (i): flowers November 1976 from a plant cultivated by Ray Mole at Otari Botanic Gardens, originally from Garvie Mountains, Otago. Capsules January from Lyttle's Flat near the Homer Tunnel, Fiordland.
- 997 *H. subalpina* (ii): flowers December 1980, seedhead March from plants cultivated at Christchurch Botanic Gardens. Supplied by Brian Molloy.
- 997 *H. chathamica*: flowers February 1977, seedhead January 1977 from a plant cultivated at Otari Botanic Gardens. Supplied by Ray Mole.
- 997 *H. rupicola*: flowers February 1977, seedhead March from a plant cultivated at Otari Botanic Gardens by Ray Mole, originally from Mt Terako near Mason River, a tributary of the Waiau River, North Canterbury.
- 997 *H. truncatula*: flowers February 1977, seedhead March 1978 from a plant cultivated at Otari Botanic Gardens, originally from Ruahine Range, Auckland. Supplied by Ray Mole.
- 997 *H. glaucophylla*: flowers February 1977, seedhead May 1977 from a plant cultivated at Otari Botanic Gardens, originally from Castle Hill, Canterbury. Supplied by Ray Mole.
- 999 *H. carnosula*: flowers December 1999 southern plateau of Red Hills, Richmond Range, Nelson. Assorted leaves from Dew Lakes, Bryant Range, Nelson. Collected by Shannel Courtney.
- 999 *H. strictissima*: flowers December 1978 from a plant cultivated by Brian Molloy originally from Little River, Banks Peninsula. Seedhead March 1978 from a plant cultivated at Otari Botanic Gardens, supplied by Ray Mole.
- 999 *H. crenulata*: flowers January 1999 from a plant cultivated by Arnold Dench. Seedhead April 1997 from upper Cobb Valley, North West Nelson. Collected by Shannel Courtney.
- 1001 *H. cockayneana*: flowers and seedheads December 1977 from eastern side of Homer Tunnel. Collected by Audrey Eagle.
- 1001 *H. macrantha* var. *macrantha*: flowers November 1977 from a cultivated plant. Supplied by Joe Cartman. Seedhead December from Mackinnon Pass, Milford Track. Collected by Audrey Eagle.
- 1001 *H. macrantha* var. *brachyphylla*: small branchlet from Mt Fishtail, Richmond Range. Collected by John Anderson. Seedhead January 1999 from summit of Hoary Head, North West Nelson. Collected by Audrey Eagle.
- 1001 *H. topiaria*: flowers January 1979 from Cobb Valley, North West Nelson. Collected by Tony Druce. Seedheads March 1978 from Waipahihi Reserve, Taupo. Supplied by Ngarita Travers.
- 1003 *H. dilatata*: left branchlet October 1994 from Eyre Mountains, Otago. Collected by Tony Druce. Flowers and seedheads October 1996 from Eyre Mountains, Otago. Collected by Neill Simpson.

- 1003 *H. crawii*: flowers March 1997 from Spence Burn, Takitimu Range, Western Southland. Collected by Geoff Rogers. Flowers October 2001 from a cultivated plant originally from Takitimu Range, Western Southland.
- 1005 *H. pareora*: flowers November 1976 from a plant cultivated by Tony Druce, seedhead July 1977 from a plant cultivated by Ray Mole at Otari Botanic Garden. Plant originally from Pareroa Gorge, Canterbury.
- 1005 *H. gibbsii*: flowers November 1976 from Waipahihi Reserve, Taupo. Supplied by Ngarita Travers. Seedheads January 1978 from a cultivated plant originally from Richmond Range, Nelson. Collected by Tony Druce.
- 1005 *H. amplexicaulis* f. *amplexicaulis*: flowers November 1979, seedhead 1978 from a cultivated plant originally from Lynn Valley, Rangitata Range, Canterbury. Supplied by Brian Molloy.
- 1005 *H. amplexicaulis* f. *hirta*: flowers November 1976 from a plant cultivated at Waipahihi Reserve, Taupo. Supplied by Ngarita Travers. Seedhead 1975 from a cultivated plant originally from Lynn Valley, Rangitata Range, Canterbury, north of Timaru,.
- 1007 *H. rigidula* var. *rigidula*: flowers January, seedheads July from a cultivated plant originally from Pelorus River east of Nelson. Supplied by Tony Druce.
- 1007 *H. rigidula* var. *sulcata*: leaf and bud from D'Urville Island, Marlborough Sounds. Supplied by Tony Druce.
- 1007 *H. scopulorum*: leaf and bud from "The Lady" Ngawhakatara, east of Kawhia, Waikato. Supplied by Tony Druce.
- 1007 *H. cryptomorpha*: flowers February from Mt Richmond, Marlborough. Supplied by Tony Druce.
- 1009 *H. vernicosa*: flowers and seedhead October 1976 from plants cultivated at Otari Botanic Reserve, originally from Dun Mountain, Nelson. Supplied by Ray Mole.
- 1009 *H. pinguifolia* (i): flowers November 1976 from a cultivated plant originally from Mt St Patrick, North Canterbury. Seedheads August 1976 from a cultivated plant originally from Mt Binsler north of Craigieburn, Canterbury. Supplied by Tony Druce.
- 1009 *H. pinguifolia* (ii): flowers December 1978, seedhead January 1979 from a cultivated plant originally from Mt Robert, Robert Range, Nelson Lakes National Park. Supplied by Tony Druce.
- 1011 *H. aff. pinguifolia* (i): flowers October 2009 from a cultivated plant originally from Mt Peel, Canterbury. Supplied by Tony Druce.
- 1011 *H. aff. pinguifolia* (ii): flowers December 1996, seedhead April 1997 from a plant cultivated by Arnold Dench, originally from Mt Nimrod, mid-Canterbury.
- 1011 *H. aff. ligustrifolia*: flowers January 1989, seedhead October 1991, from a plant cultivated by Tony Druce, originally from Surville Cliffs, North Cape.
- 1011 *H. brockiei*: branchlet October 1994, flowers November 2004, seedhead March 2005 from a plant cultivated by Tony Druce, originally from Amuri Pass, Southern Alps, north of Lake Sumner, Canterbury.
- 1013 *H. buchamani*: flowers November 1976, seedheads July 1977 from a plant cultivated at Otari Botanic Garden by Ray Mole, originally from Otago.
- 1013 *H. evenosa*: flowers February 1979 from Mt Holdsworth, Tararua Range. Collected by Tony Druce. Seedheads March 1978 from a plant cultivated at Waipahihi Botanical Reserve, Taupo.

Supplied by Ngarita Travers.

- 1013 ***H. canterburiensis***: flowers and seedhead September 1978 from a cultivated plant originally from Boulder Lake, North West Nelson. Supplied by Tony Druce.
- 1015 ***H. mooreae***: flowers and seedheads October from a cultivated plant originally from Boulder Lake, North West Nelson. Cultivated and supplied by Tony Druce.
- 1015 ***H. pauciflora***: flowers March 1979 Cathedral Peaks, Kepler Mountains, Otago. Collected by Jack Murrell. Seedhead January from a cultivated plant originally from head of Juno River between Caswell and Charles Sounds, Fiordland.
- 1015 ***H. albicans*** (i): flowers February 1979, seedhead May from a cultivated plant originally from Cobb Valley, North West Nelson. Collected by Peggie Jenner.
- 1015 ***H. albicans*** (ii): branchlet August 2003 from a cultivated plant originally from Gouland Downs, North West Nelson. Collected by Geoff Rogers.
- 1017 ***H. albicans*** (iii): flowers November 1977, seedhead October from plants cultivated at Hukutaia Domain, Opotiki, Bay of Plenty. Supplied by Marc Hegenbotham and Joe Cartman.
- 1017 ***H. albicans*** (iv): flowers February 1997, seedhead May 1997 from a cultivated plant originally from Takaka Hill, Nelson. Supplied by Arnold Dench.
- 1017 ***H. albicans*** (v): flowers February 2000 from Mt Burnett, North West Nelson. Collected by Shannel Courtney. Two leaves January 1999, North West Nelson. Collected by Audrey Eagle.
- 1017 ***H. odora*** (i): flowers November 1977, seedheads January 1980 from Mt Fyffe, Seaward Kaikoura Range. Collected by Tony Druce.
- 1019 ***H. odora*** (ii): flowers and seedhead January from headwaters of Lords River, near Bald Hill, Stewart Island.
- 1019 ***H. odora*** (iii): flowers and seedhead March 1979 from a cultivated plant originally from Matiri Range, North West Nelson. Collected by Tony Druce.
- 1019 ***H. calcicola***: flowers January 1979, seedhead April from Mt Mytton, Cobb Valley, North West Nelson.
- 1021 ***H. masoniae***: white flowers November 1976 from a cultivated plant originally from Cobb Valley, North West Nelson. Mauve flowers January 1978 from Lake Sylvester, Cobb Valley area, North West Nelson. Collected by Audrey Eagle. Seedhead January from a cultivated plant.
- 1021 ***H. pauciramosa***: flowers and seedhead November 1976 from a plant cultivated and collected by Tony Druce, originally from Edwards Range near southern end of Lake Tekapo.
- 1021 ***H. divaricata***: flowers November 1976, seedheads February from a cultivated plant originally from Aorere Valley, North West Nelson, collected by Tony Druce.
- 1023 ***H. venustula***: flowers November, seedhead January from a cultivated plant originally from Whanahuia, Ruahine Range. Collected and cultivated by Tony Druce.
- 1023 ***H. urvilleana***: flowers January, seedhead May from a plant cultivated at Otari Botanic Garden by Ray Mole originally from D'Urville Island, Marlborough Sounds.
- 1025 ***H. pimeleoides*** ssp. ***pimeleoides*** (i): flowers January 1978, seedhead February from a cultivated plant originally from Mt John Flats, Lake Tekapo. Supplied by Brian Molloy.
- 1025 ***H. pimeleoides*** ssp. ***pimeleoides*** (ii): flowers December 1981 from east of the Potts and

Rangitata Rivers junction. Collected by Brian Molloy.

- 1025 *H. pimeleoides* ssp. *pimeleoides* (iii): flowers December 1979, seedhead February 1980 from a cultivated plant supplied by Brian Molloy.
- 1025 *H. pimeleoides* ssp. *faucicola*: flowers December 1979, seedhead February 1980 from a plant cultivated by Brian Molloy originally from South Canterbury.
- 1027 *H. ramosissima*: flowers December 1980 from Manakau, Seaward Kaikoura Range. Collected by Phil Garnock-Jones and Peter Williams. Seedhead February 1969 from East Hapuku, Seaward Kaikoura Range, drawn from herbarium specimen No. CHR 199/49.
- 1027 *H. haastii*: branchlet July 1981 from Mt Hutt, south of Lake Coleridge, Canterbury. Collected by Alistair MacDonald.
- 1029 *H. macrocalyx* var. *humilis* (i): flowers January 1979 from a cultivated plant collected by Tony Druce originally from the Spenser Mountains, northwest Canterbury.
- 1029 *H. macrocalyx* var. *humilis* (ii): branchlet March 1981 from the Matiri Range, North West Nelson. Collected by Tony Druce.
- 1029 *H. macrocalyx* var. *humilis* (iii): flowers September 1978 from a cultivated plant originally from Mt Arthur, North West Nelson. Seedhead March 1979 from The Needle, Matiri Range, North West Nelson. All supplied by Tony Druce.
- 1031 *H. macrocalyx* var. *macrocalyx*: flowers January 1994 from Temple Basin, Arthur's Pass. Collected by Tony Druce.
- 1031 *H. epacridea* (i): flowers January 1994 from Lake Alta, The Remarkables, Otago.
- 1031 *H. epacridea* (ii): flowers January 1993 from Mt Dobson, Two Thumb Range, Canterbury. Collected by Pauline Mayhill and Audrey Eagle.
- 1033 *H. epacridea* (iii): flowers November 1977 from a cultivated plant originally from Mt Bounds, Wairau Valley, Marlborough. Collected by Tony Druce. Seedhead December 1978 from a cultivated plant. Collected by Joe Cartman.
- 1033 *H. petriei*: immature flowers and ripe seedhead January 1978 from Fiordland. Collected by Bill Lee.
- 1033 *H. murrellii*: immature flowers and unripe seedheads March 1979 from Cathedral Peaks, Kepler Mountains, Manapouri. Sinus June 2003. Supplied by Alison Kellow.
- 1033 *H. biggarii*: flowers October, supplied by Phil Garnock-Jones. Seedheads April 1979 from a cultivated plant originally from Eyre Mountains south of Lake Wakatipu, supplied by John Anderson.
- 1035 *H. societatis*: branchlet with mature seedheads December 2002 from Mt Murchison, Nelson. New discovery made by Graeme Jane and the Nelson Botanical Society. Supplied by Shannel Courtney.
- 1035 *H. decumbens*: flowers December, seedheads February from a cultivated plant originally from Wairau Valley, Marlborough. Collected by Tony Druce.
- 1035 *H. propinqua*: flowers January 1979 from Rock and Pillar Range, Otago. Collected by Alan Mark. Seedheads November 1977 from Dunedin Botanic Gardens. Supplied by Paul Aquilla.
- 1035 *H. annulata*: branchlet May from a cultivated plant. Flowers and seedhead January 2001 from Takitimu Mountains, Southland. All supplied by Tony Druce.

- 1037 *H. lycopodioides* ssp. *lycopodioides*: flowers November 1977 from a plant cultivated at Christchurch Botanic Gardens. Supplied by Brian Molloy. Seedhead April from a plant cultivated at Otari Botanic Garden. Supplied by Ray Mole. Juvenile leaves 1981 from a cultivated plant. Supplied by Tony Druce.
- 1037 *H. lycopodioides* ssp. *patula*: flowers November 1997, seedhead March 1998 from a cultivated plant originally from Lewis Pass, east of Reefton, Westland. Collected by Peter Wardle.
- 1037 *H. imbricata* ssp. *imbricata*: branchlet December 1979 from a cultivated plant. Supplied by Brian Molloy.
- 1037 *H. imbricata* ssp. *poppelwellii*: branchlet July 1981 from a cultivated plant originally from Old Man Range, Otago. Supplied by Alistair MacDonald.
- 1039 *H. armstrongii*: Juvenile branchlet May 1981 from a cultivated plant supplied by Brian Molloy. Flowers December 1977 from Castle Hill Basin, Canterbury. Collected by Brian Molloy. Seedheads 1977 from a plant cultivated at Otari Botanic Garden by Ray Mole.
- 1039 *H. ochracea*: flowers November 1977, seedhead January from a cultivated plant originally from Mt Peel, North West Nelson. Collected by Joe Cartman. Juvenile leaves April 1981 from a plant cultivated by Tony Druce originally from Mt Peel, North West Nelson.
- 1039 *H. salicornioides*: flowers and capsules November 1976 from a cultivated plant originally from Weka Pass, North Canterbury. Supplied by Ray Mole.
- 1039 *H. tetragona*: flowers February 1977 from Ruapehu. Collected by Neil Clifton. Seedhead April 1981 from Ruapehu. Collected by Norman Watson.
- 1041 *H. hectorii* ssp. *subulata*: branchlets November 1977 from a cultivated plant originally from Lammermoor Range, Otago. Collected by Peter Wardle.
- 1041 *H. hectorii* ssp. *hectorii*: flowers and seedhead February 1979 from Cathedral Peaks, Kepler Mountains, Fiordland. Collected by Jack Murrell.
- 1041 *H. hectorii* ssp. *demissa*: seedheads May 1997 from Rock and Pillar Range, Otago. Collected by Rory Logan.
- 1041 *H. hectorii* ssp. *coarctata*: branchlet 1981 from a cultivated plant originally from Matiri Range, North West Nelson. Collected by Tony Druce. Seedhead September from Cobb Valley, North West Nelson. Collected 1977 by John Bartlett.
- 1043 *H. hectorii* ssp. *laingii*: branchlets February 1980 from Mt Anglem, Stewart Island. Collected by Hugh Wilson.
- 1043 *H. tetragona* ssp. *subsimplis* (i): adult and juvenile branchlets May 1981 from a cultivated plant originally from Ruahine Range. Collected by Tony Druce.
- 1043 *H. tetragona* ssp. *subsimplis* (ii): branchlet May 1981 from a cultivated plant originally from Tararua Range, Upper Hutt.
- 1043 *Leonohebe cupressoides*: flowers January from Porters Pass, Canterbury. Seedheads from a cultivated plant originally from Porters Pass. Collected by Tony Druce.
- 1045 *L. cheesemani*: flowers with stamens December 1979. Flowers January 1980 from Mackenzie Pass between the Rolleston and Dalgety Ranges, Canterbury. Female flowers from a cultivated plant supplied by Brian Molloy. Seedheads April 1979 from Mackenzie Pass. Collected by John Anderson.

- 1045 ***L. ciliolata***: flowers (left) and enlargement January 2002 from Mueller Hut, Mt Cook. Flowers (top right) January 1978 from Mt Haast, Lewis Pass, east of Reefton, Westland. Collected by Eric Godley. Seedheads December 1976 from Temple Basin, Arthur's Pass, Westland. Collected by John Bartlett.
- 1045 ***L. tetrasticha***: flowers November 1978 and seedheads January from Porters Pass, Canterbury.
- 1045 ***L. tumida***: branchlet, flower, seedheads January 1980 from a plant cultivated by Tony Druce originally from Mt Richmond, Richmond Range, Nelson.
- 1047 ***Tecomanthe speciosa***: flowers August, seedpod March. Cultivated by Muriel Fisher.
- 1049 ***Rhabdothamnus solandri*** (i): flowers January 1963 from Te Toto Gorge, Raglan, Waikato. Seedheads from Hakarimata Range, Ngaruawahia. Collected by Audrey Eagle.
- 1051 ***R. solandri*** (ii): branchlet, flowers October 1999 from Maunganui Bluff, Northland. Collected by Wayne Parr.
- 1053 ***Myoporum laetum*** var. ***laetum***: flowers December 1954 from Motukokako Point, Raglan, Waikato. Outline of leaf and fruit April 2003 from Moeraki, Otago coast. All collected by Audrey Eagle.
- 1055 ***M. laetum*** var. ***decumbens***: flowers and fruit December 1988 from a cultivated plant originally from Poor Knights Islands. Cultivated and supplied by Pauline Mayhill.
- 1055 ***M. kermadecensis***: flowers October 1978 Raoul Island. Collected by Paul Dale. Fruit January.
- 1057 ***Vitex lucens***: flowers January 1963 from Raglan, Waikato. Collected by Audrey Eagle. Seed April 2002 from a plant cultivated in New Plymouth. Supplied by Val Smith.
- 1059 ***Teucrium parvifolium***: flowers January 1969 and fruit from a plant cultivated at Otari Botanic Reserve by Ray Mole.
- 1061 ***Avicennia marina*** ssp. ***australasica***: flowers March 1988, fruit January, seedling May from near Thames. Collected by Audrey Eagle.
- 1063 ***Ripogonum scandens***: flowers February 1969 from Mamaku Plateau, Bay of Plenty. Fruit and seed April from Hakarimata Range, Ngaruawahia. Collected by Audrey Eagle. Young stem November 2003 from Otago Peninsula. Collected by Moira Parker.
- 1065 ***Cordyline australis***: flowers October-December 1969, fruit February 1970 from Ngaruawahia. Enlargement of seeds April 2003 from Otago Peninsula. Collected by Audrey Eagle.
- 1067 ***C. banksii***: flowers October from Kaiua, Thames Estuary, fruit March from a cultivated plant. Collected by Audrey Eagle.
- 1069 ***C. indivisa***: part of flowering branch November from Mt Taranaki, part of fruiting branch March from Mt Ruapehu. Collected by Audrey Eagle.
- 1071 ***C. oblecta***: flowers December 1974 from Waipahihi Botanic Garden, Taupo. Supplied by Ngarita Travers. Fruit and photo of tree for illustration, both April, taken in Ross Michie's garden, Kaitaia.
- 1073 ***C. pumilio***: flowers November 1973 from a plant collected and cultivated by Audrey Eagle originally from Taupiri Mountain near Ngaruawahia. Fruit from a plant collected and cultivated by Reg Bell originally from Kerikeri Inlet. Illustrated May 1975.
- 1075 ***Phormium tenax***: flowers November 1970, seedheads March from a cultivated plant.
- 1077 ***P. cookiamum***: flowers October 1970, seedhead February from a cultivated plant.

- 1079 ***Rhopalostylis sapida***: flowers October 1970, fruit February from a cultivated plant.
- 1081 ***R.* aff. *sapida***: male and female flowers February 2000 from a cultivated plant supplied by Helen Druce from Pinehaven Botanic Reserve. Fruit January 2000 from Chatham Island. Collected by Amanda Baird.
- 1083 ***R. baueri***: male flowers February 1979 from Raoul Island. Collected by Paul Dale. Pink buds February from a cultivated plant in Christchurch Botanic Gardens. Supplied by Brian Molloy. Complete tree from a photo taken by Paul Dale on Raoul Island.
- 1084 ***Freycinetia baueriana* ssp. *banksii***: branchlet of a female flowerhead and a male flowerhead October 1969 from Hakarimata Range, Ngaruawahia. Ripe fruit from Kaimai Range, Bay of Plenty. Collected by Audrey Eagle.