



## To obtain a determination of whether an organism is a new organism

Send to Environmental Protection Authority preferably by email ([neworganisms@epa.govt.nz](mailto:neworganisms@epa.govt.nz)) or alternatively by post (Private Bag 63002, Wellington 6140)  
Payment must accompany final application; see our fees and charges schedule for details.

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**Application Number**

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**Date**

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## Completing this application form

1. This form is used when you wish to apply for a statutory determination under section 26 of the Hazardous Substances and New Organisms (HSNO) Act 1996 as to whether or not an organism is a new organism (i.e. whether the organism is regulated under the HSNO Act or not).
2. If you wish to make an application for approval of for use of a new organism, a different form will have to be used. All forms are available on our website.
3. It is recommended that you contact an Advisor at the Environmental Protection Authority (EPA) as early in the application process as possible. An Advisor can assist you with any questions you have during the preparation of your application.
4. Unless otherwise indicated, all sections of this form must be completed for the application to be formally received and assessed. If a section is not relevant to your application, please provide a comprehensive explanation why this does not apply. If you choose not to provide the specific information, you will need to apply for a waiver under section 59(3)(a)(ii) of the HSNO Act. This can be done by completing the section on the last page of this form.
5. Any extra material that does not fit in the application form must be clearly labelled and cross-referenced, and included with the application form when it is submitted.
6. Please add extra rows/tables where needed.
7. You must sign the final form (the EPA will accept electronically signed forms) and pay the application fee (including GST) unless you are already an approved EPA customer. To be recognised by the EPA as an “approved customer”, you must have submitted more than one application per month over the preceding six months, and have no history of delay in making payments, at the time of presenting an application.
8. Information about application fees is available on the EPA website.
9. All application communications from the EPA will be provided electronically, unless you specifically request otherwise.

## Commercially sensitive information

10. Commercially sensitive information must be included in an appendix to this form and be identified as confidential. If you consider any information to be commercially sensitive, please show this in the relevant section of this form and cross reference to where that information is located in the confidential appendix.
11. Any information you supply to the EPA prior to formal lodgement of your application will not be publicly released. Following formal lodgement of your application any information in the body of this application form and any non-confidential appendices will become publicly available.
12. Once you have formally lodged your application with the EPA, any information you have supplied to the EPA about your application is subject to the Official Information Act 1982 (OIA). If a request is made for the release of information that you consider to be confidential, your view will be considered in a manner consistent with the OIA and with section 57 of the HSNO Act. You may be required to provide further justification for your claim of confidentiality.

## Definitions

<b>Genetically Modified Organism (GMO)</b>	<p>Any organism in which any of the genes or other genetic material:</p> <ul style="list-style-type: none"> <li>• Have been modified by <i>in vitro</i> techniques, or</li> <li>• Are inherited or otherwise derived, through any number of replications, from any genes or other genetic material which has been modified by <i>in vitro</i> techniques</li> </ul>
<b>New Organism</b>	<p>A new organism is an organism that is any of the following:</p> <ul style="list-style-type: none"> <li>• An organism belonging to a species that was not present in New Zealand immediately before 29 July 1998;</li> <li>• An organism belonging to a species, subspecies, infrasubspecies, variety, strain, or cultivar prescribed as a risk species, where that organism was not present in New Zealand at the time of promulgation of the relevant regulation;</li> <li>• An organism for which a containment approval has been given under the HSNO Act;</li> <li>• An organism for which a conditional release approval has been given under the HSNO Act;</li> <li>• A qualifying organism approved for release with controls under the HSNO Act;</li> <li>• A genetically modified organism;</li> <li>• An organism belonging to a species, subspecies, infrasubspecies, variety, strain, or cultivar that has been eradicated from New Zealand;</li> <li>• An organism present in New Zealand before 29 July 1998 in contravention of the Animals Act 1967 or the Plants Act 1970. This does not apply to the organism known as rabbit haemorrhagic disease virus, or rabbit calicivirus</li> </ul> <p>A new organism does not cease to be a new organism because:</p> <ul style="list-style-type: none"> <li>• It is subject to a conditional release approval; or</li> <li>• It is a qualifying organism approved for release with controls; or</li> <li>• It is an incidentally imported new organism</li> </ul>

## 1. Applicant details

### 1.1. Applicant

**Company Name:** (if applicable) Royal New Zealand Institute of Horticulture Inc.

**Contact Name:** [REDACTED]

**Job Title:** Project Manager, Taking Stock: NZ Cultivated Plants Project

**Physical Address:** 85054 Ellesmere Junction Road, Lincoln 7647

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**Phone (office and/or mobile):** [REDACTED]

**Fax:** None

**Email:** [REDACTED]

### 1.2. New Zealand agent or consultant (if applicable)

**Company Name:** Massey University

**Contact Name:** [REDACTED]

**Job Title:** Senior Lecturer, Agriculture and Environment, College of Science

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4442

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**Email:** [REDACTED]

## 2. Information about the organism

### 2.1. Name of organism

Identify the organism as fully as possible

Organism name (40 taxa from *Rhododendron* subgenus *Vireya*):

1. *Rhododendron archboldianum* Sleumer (1960)
2. *Rhododendron bagobonum* H.F.Copel. (1929)
3. *Rhododendron blackii* Sleumer (1973)
4. *Rhododendron burtii* P.Woods (1978)
5. *Rhododendron christiana*e Sleumer (1960)
6. *Rhododendron dianthosmum* Sleumer (1963)
7. *Rhododendron ericoides* H.Low ex Hook.f. (1852)
8. *Rhododendron fallacinum* Sleumer (1960)
9. *Rhododendron gracilentum* F.Muell. (1889)
10. *Rhododendron herzogii* Warb. (1892)
11. *Rhododendron himantodes* Sleumer (1940)
12. *Rhododendron hyacinthosmum* Sleumer (1973)
13. *Rhododendron inconspicuum* J.J.Sm. (1915)
14. *Rhododendron intranervatum* Sleumer (1961)
15. *Rhododendron kawakamii* Hayata (1911)
16. *Rhododendron laetum* J.J.Sm. (1914)
17. *Rhododendron lanceolatum* Ridl. (1912)
18. *Rhododendron lowii* Hook.f. (1852)
19. *Rhododendron luraluense* Sleumer (1935)
20. *Rhododendron maius* (J.J.Sm.) Sleumer (1960)
21. *Rhododendron malayanum* Jack (1822)
22. *Rhododendron maxwellii* Gibbs (1914)
23. *Rhododendron micromalayanum* Sleumer (1973)
24. *Rhododendron orbiculatum* Ridl. (1912)
25. *Rhododendron pauciflorum* King & Gamble (1905)
26. *Rhododendron rarum* Schltr. (1918)
27. *Rhododendron retivenium* Sleumer (1960)
28. *Rhododendron rhodopus* Sleumer (1960)
29. *Rhododendron rubineiflorum* Craven (1980)
30. *Rhododendron rugosum* H.Low ex Hook.f. (1852)
31. *Rhododendron santapau*i Sastry et al. (1969)

32. *Rhododendron searleanum* Sleumer (1973)
33. *Rhododendron solitarium* Sleumer (1963)
34. *Rhododendron stapfianum* Hemsl. ex Prain (1911)
35. *Rhododendron superbum* Sleumer (1960)
36. *Rhododendron taxifolium* Merr. (1926)
37. *Rhododendron womersleyi* Sleumer (1960)
38. *Rhododendron yongii* Argent (1982)
39. *Rhododendron zoelleri* Warb. (1892)
40. *Rhododendron zollingeri* J.J.Sm. (1910)

Briefly describe the biological characteristics of the organism:

Woody evergreen shrubs, of varying sizes, with usually showy flowers. A reference for a full description for each taxon is found in the data tables in Part 3, Section 1.

## 2.2. Regulatory status of the organism

Is the organism that is the subject of this application also the subject of:

An innovative medicine application as defined in section 23A of the Medicines Act 1981?

Yes  No

An innovative agricultural compound application as defined in Part 6 of the Agricultural Compounds and Veterinary Medicines Act 1997?

Yes  No

## 3. Evidence regarding whether the organism meets the definition of a new organism

Does the organism meet the definition of a new organism under the HSNO Act?

For example, does it belong to a species that was not present in New Zealand before July 29 1998? Is it a genetically modified organism? etc.

Describe the evidence you have to support this view, providing supporting materials in an appendix as appropriate.

Each taxon in this application has been in cultivation in New Zealand for many years and all prior to 29 July 1998. Details and sources are provided as follows:

- **Part 3 Section One** contains data tables and images for each taxon.
- **Part 3 Section Two** contains the bibliography for the data presented in Section One.
- **Appendix One** contains scans of source documents that are in the public domain (published) but which are not available online.
- **Appendix Two** contains scans of source documents that are unpublished.

Abbreviations and information to be used when reading the data tables

#### Abbreviations and information:

ARS = American Rhododendron Society. Publisher of the Journal of the American Rhododendron Society and the Vireya Vine Newsletter. The ARS offers a seed list each year, comprising seed lots contributed from people all around the world.

AVH = the Australasian Virtual Herbarium. Provides online access to specimen data from Australian and New Zealand herbaria. Online at <https://avh.chah.org.au/>

DRG = Dunedin Rhododendron Group. Publisher of the DRG Bulletin (ISSN 1173-0986). The DRG offers a plant sales list each year with contributions from South Island nurseries.

GBIF = the Global Biodiversity Information Facility. The species portal at [www.gbif.org/species](http://www.gbif.org/species) has been used to check plant names.

NZRA = New Zealand Rhododendron Association. Publisher of the NZRA Bulletin (ISSN 1171-0535), until it merged with the Pukeiti Journal to become the New Zealand Rhododendron in 2013. From 1945 until about 1987 NZRA offered a plant sales list (members only) each year.

POWO = Plants of the World online. The Kew Gardens website has been used to check plant names. Online at [www.plantsoftheworldonline.org](http://www.plantsoftheworldonline.org)

PPM = Pukeiti Plants for Members, an annual offering of plants for sale to members of PRT, published usually in the March Newsletter each year.

PRT = Pukeiti Rhododendron Trust, who were the original owners (until 2010) of Pukeiti Rhododendron Garden Taranaki, and which is one of the largest collections of *Rhododendron* species in New Zealand. Publisher of the Pukeiti Bulletin/Journal (ISSN 2230-2751), which later merged with the NZRA Bulletin to become The New Zealand Rhododendron (ISSN 2357-1985).

RBGE = Royal Botanic Garden Edinburgh, Scotland. One of the largest collections of *Rhododendron* globally. Plant material was regularly sourced from this botanic garden.

RSF = Rhododendron Species Foundation, Federal Way, WA, USA. The other of the largest collections of *Rhododendron* globally. The RSF offers plant and seed sales each year and New Zealanders often purchased seed from this source.

TRC = Taranaki Regional Council, owners since 2010 of Pukeiti Rhododendron Garden, Taranaki.

#### People:

Adams, Keith (deceased). A plant collector and nurseryman from New Plymouth who undertook several collecting expeditions to PNG and Malaysia. He grew plants in his own garden and also donated plants to Pukeiti.

Argent, Dr. George (deceased). World authority on Vireya rhododendron and botanist at Royal Botanic Garden Edinburgh. Author of Argent (2015), the authoritative reference on vireya rhododendrons.

Binney, David. A New Zealand plant collector who undertook several collecting expeditions (Argent 2015, p15).

Blumhardt, Oswald (deceased). A plant collector from Northland who owned Koromiko Nursery and who undertook several collecting expeditions (Ballard 2006).

Cullinane, Michael (deceased). A plant collector from Levin who owned Rose Tree Gardens in Levin. He undertook at least two collecting expeditions (Argent 2015, p15) in 1986 and 1988 (Meyer & Meyer 2007, p52) but no published reports on those expeditions have been found.

- Currie, Richard. A New Zealand collector who did not go on any expeditions but was an enthusiastic grower. He ceased growing his collection in 2008 and disposed of the plants.
- Kores, Paul. Botanist who was based at the Wau Ecology Institute, PNG, 1974-1978 and who collected many rhododendron species from the wild. Pukeiti Rhododendron Garden received many accessions from him.
- Philipson, Dr. Melva (deceased). Research scientist (New Zealand) who worked on taxonomy of *Rhododendron* subgenera *Azaleastrum*, *Mumeazalea* and *Candidastrum* (Philipson & Philipson 1986) and who also undertook at least one collecting expedition for vireya rhododendrons (Philipson 1968).
- Smith, E. White. An American member of the American Rhododendron Society, with a particular interest in subgenus *Vireya*. Author of two international surveys in 1987 and 2000 (Smith EW 1987, 2000).
- Smith, Graham. World authority on *Rhododendron* and retired Director of Pukeiti Rhododendron Garden, New Zealand, who undertook collecting expeditions to PNG in 1983 and 1986. Author of the 1983 New Zealand survey (Smith 1983) and several other published articles cited in this research. He is also the author of many of the unpublished records of Pukeiti Rhododendron Trust.

### Data Search:

A range of sources was searched to find documentation of the presence of *Rhododendron* subgenus *Vireya* taxa in New Zealand. The New Zealand sources include documentation from Pukeiti Rhododendron Trust, Taranaki, as owners of Pukeiti Rhododendron Garden from 1951 to 2010 (PRT 1955-1995a, 1955-1995b, 2005a, 2008b), and Taranaki Regional Council as owners from 2010 onwards (TRC 2015, 2016, 2017, 2018), as well as the journals, newsletters and bulletins of New Zealand Rhododendron Association (NZRA) 1945-2020, Pukeiti Rhododendron Trust plant lists 1977-2020, Dunedin Rhododendron Group (DRG) Bulletins and plant lists 1973-2008, the MacKay collection of 225 nursery catalogues, historical published surveys of New Zealand nursery sources (Smith 1983; Gaddum 1997, 1999a, 1999b, 2001) and collections (Smith 1983), and current online catalogues. International sources included the seed lists of the American Rhododendron Society (ARS) from 1976-1998 in which New Zealanders offered seed for sale, the journals of the American Rhododendron Society and two international surveys of vireya collections (including New Zealand) done by American EW Smith in 1987 (Smith EW 1987) and again in 2000 (Smith EW 2000). The Australasian Virtual Herbarium was searched for *Vireya* specimens collected from New Zealand sites, and the herbaria at Kew and Edinburgh Botanic Gardens were searched for samples lodged from New Zealand expeditions. Nomenclature and taxonomy of subgenus *Vireya* is mostly that of Argent (2015) which is the most recent and comprehensive monograph on vireya rhododendrons; however, some information is also taken from the older nomenclature by Chamberlain et al. (1996) and all species have been checked against the Global Biodiversity Facility (GBIF) and Plants of the World Online (POWO).

### Data interpretation and limitations:

Many data items in this application involve accession numbers at Pukeiti Rhododendron Garden, e.g., in the format 1983-386. The first four digits indicate the year of acquisition, while the next digits are the number for the individual accession. Text in square brackets indicate the source of the plant, including the person, wild-collected locations and sometimes field collecting numbers. For example, *R. blackii* 1983-386 [Smith, PNG, GFS3883] is a 1983 accession collected by Smith from PNG under a field collecting number of GFS 3883. In some older Pukeiti documents the accession numbers are constructed in the reverse order: plant number first, then year, e.g., 1983-386 would have been written 386-83. Pukeiti accession numbers generally remain with the plant, so a plant can be tracked over the years by the presence of that same accession number.

The historical documents and records from Pukeiti Rhododendron Trust, while very useful, are not complete. For example, the card file (PRT 1955-1995a, b) lacks information beyond the early 1990s, and the 2005 species list (PRT 2005a) does not give any detail beyond the accession number and is also missing the first three pages. Inevitably there will be queries and omissions associated with those sources. In a similar fashion, some errors in the article on New Zealand Plant Hunters (NZRA 2003a) have been detected.

While the MacKay *Rhododendron* research dataset has information on *Vireya* rhododendrons in cultivation in several New Zealand collections, several other private collections could not be accessed, and it is likely that species are present but unrecorded in those collections.

While some 225 nursery catalogues have been searched for *Rhododendron*, a full range of catalogues for certain key historical nurseries have not been available and it is likely that additional records may be found if those catalogues could be obtained. (For comparison, Gaddum (1997) collated data from 161 nurseries, while her 1999 Plantfinder (Gaddum 1999a, 1999b) has data from 200 and 225 nurseries respectively.)



### Part 3, Section One: Data Tables

Organism name (40 taxa from *Rhododendron* subgenus *Vireya*):

1. [\*Rhododendron archboldianum\* Sleumer \(1960\)](#)
2. [\*Rhododendron bagobonum\* H.F.Copel. \(1929\)](#)
3. [\*Rhododendron blackii\* Sleumer \(1973\)](#)
4. [\*Rhododendron burttii\* P.Woods \(1978\)](#)
5. [\*Rhododendron christiana\* Sleumer \(1960\)](#)
6. [\*Rhododendron dianthosmum\* Sleumer \(1963\)](#)
7. [\*Rhododendron ericoides\* H.Low ex Hook.f. \(1852\)](#)
8. [\*Rhododendron fallacinum\* Sleumer \(1960\)](#)
9. [\*Rhododendron gracilentum\* F.Muell. \(1889\)](#)
10. [\*Rhododendron herzogii\* Warb. \(1892\)](#)
11. [\*Rhododendron himantodes\* Sleumer \(1940\)](#)
12. [\*Rhododendron hyacinthosmum\* Sleumer \(1973\)](#)
13. [\*Rhododendron inconspicuum\* J.J.Sm. \(1915\)](#)
14. [\*Rhododendron intranervatum\* Sleumer \(1961\)](#)
15. [\*Rhododendron kawakamii\* Hayata \(1911\)](#)
16. [\*Rhododendron laetum\* J.J.Sm. \(1914\)](#)
17. [\*Rhododendron lanceolatum\* Ridl. \(1912\)](#)
18. [\*Rhododendron lowii\* Hook.f. \(1852\)](#)
19. [\*Rhododendron luraluense\* Sleumer \(1935\)](#)
20. [\*Rhododendron maius\* \(J.J.Sm.\) Sleumer \(1960\)](#)
21. [\*Rhododendron malayanum\* Jack \(1822\)](#)
22. [\*Rhododendron maxwellii\* Gibbs \(1914\)](#)
23. [\*Rhododendron micromalayanum\* Sleumer \(1973\)](#)
24. [\*Rhododendron orbiculatum\* Ridl. \(1912\)](#)
25. [\*Rhododendron pauciflorum\* King & Gamble \(1905\)](#)
26. [\*Rhododendron rarum\* Schltr. \(1918\)](#)
27. [\*Rhododendron retivenium\* Sleumer \(1960\)](#)
28. [\*Rhododendron rhodopus\* Sleumer \(1960\)](#)
29. [\*Rhododendron rubineiflorum\* Craven \(1980\)](#)
30. [\*Rhododendron rugosum\* H.Low ex Hook.f. \(1852\)](#)
31. [\*Rhododendron santapau\* Sastry et al. \(1969\)](#)
32. [\*Rhododendron searleanum\* Sleumer \(1973\)](#)
33. [\*Rhododendron solitarium\* Sleumer \(1963\)](#)
34. [\*Rhododendron stapfianum\* Hemsl. ex Prain \(1911\)](#)
35. [\*Rhododendron superbum\* Sleumer \(1960\)](#)
36. [\*Rhododendron taxifolium\* Merr. \(1926\)](#)
37. [\*Rhododendron womersleyi\* Sleumer \(1960\)](#)
38. [\*Rhododendron yongii\* Argent \(1982\)](#)
39. [\*Rhododendron zoelleri\* Warb. \(1892\)](#)
40. [\*Rhododendron zollingeri\* J.J.Sm. \(1910\)](#)

1. *Rhododendron archboldianum*

Name	<i>Rhododendron archboldianum</i>
Authority	Sleumer (1960)
Synonyms	None in Argent (2015), <a href="#">POWO</a> , or <a href="#">GBIF</a>
Origin	Papua New Guinea (PNG)
Biological characteristics	Tall evergreen shrub with long pink tubular flowers in upright clusters. Full description is found in Argent (2015, pp209-210). A 2006 description is in the <a href="#">Edinburgh Rhododendron Monographs</a> .
Evidence	<p><b>1986:</b> Michael Cullinane and Graham Smith brought this species to NZ from PNG, having acquired it from Canon Crutwell (Smith 2009, p32-33).</p> <p><b>1986:</b> Pukeiti has accession 1986-506 [Smith, Mt Gahavisukar, PNG, 1986] (PRT 1955-1995a).</p> <p><b>2000:</b> In the Cullinane collection (Smith EW 2000, p4).</p> <p><b>2003:</b> Pukeiti got cuttings from R. Currie [1999], accession 2003-191, which was alive in 2008 (PRT 2008b, p1).</p> <p><b>2004:</b> ‘Starburst’ offered for sale by <b>PPM</b> (PRT 2004 Plant List, p3).</p> <p><b>2006:</b> <i>R. archboldianum</i> ‘Starburst’ offered for sale by <b>PPM</b> (PRT 2006 Plant List, p1).</p> <p><b>2008:</b> Accession 1986-506 [Smith, Mt Gahavisukar] is alive at Pukeiti (PRT 2008b, p1).</p> <p><b>2016:</b> Offered for sale by <b>PPM</b> under Rhododendrons (PRT 2016 Plant List, p1).</p> <p><b>2017:</b> In the Pukeiti collection (TRC2017a, p2).</p> <p><b>2018:</b> Offered for sale by <b>PPM</b> (PRT 2018 Plant List, p1).</p> <p><b>2019:</b> Offered for sale by <b>PPM</b> (PRT 2019 Plant List, p1).</p> <p><b>2020:</b> Offered for sale by <b>PPM</b> (PRT 2020 Plant List, p2).</p> <p><b>2021:</b> Name added/updated in the Ngā Tipu o Aotearoa – Plant Names Database (<a href="#">PND</a>).</p>
Evidence notes	<a href="#">Argent (2015, p210)</a> confirms that the species was introduced into cultivation in NZ by Michael Cullinane.
Cultivated forms	‘Starburst’, named at Pukeiti Gardens, which Argent (2015, p210) believes to be a hybrid. Irrespective of the identity of this cultivar, the species <i>R. archboldianum</i> is also grown in NZ.
Subspecies and botanical varieties	None listed in Argent (2015), <a href="#">POWO</a> , or <a href="#">GBIF</a>

*R. archboldianum* Sleumer (1960)

Puekiti1986506 [Smith, Mt Gahavisukar, PNG]

Starburst Form



Bud 22 March 2014, whole plant 07 January 2009, flower truss 13 March 2012 (Images: M. MacKay)

## 2. *Rhododendron bagobonum*

Name	<i>Rhododendron bagobonum</i>
Authority	H.F.Copel. (1929)
Synonyms	<i>R. galioides</i> J.J.Sm. (1935), according to <a href="#">POWO</a> and <a href="#">GBIF</a> . Also <i>R. cuneifolium</i> var. <i>subspathulatum</i> Ridl. (1900), according to Chamberlain et al. (1996, p20), Argent (2015, p250), and <a href="#">GBIF</a> .
Name notes	Chamberlain et al. (1996, p20) also lists <i>R. cuneifolium</i> var. <i>subspathulatum</i> Merr. non Ridl., (1928) which is a synonym for <i>R. borneense</i> (J.J.Sm.) Argent, A.L.Lamb & Phillipps ssp. <i>villosum</i> (J.J.Sm.) Argent, A.L.Lamb & Phillipps (1988).
Origin	Philippines, Malaysia (Borneo), Indonesia (Borneo, Sulawesi, Maluku) according to Argent (2015, p251). ( <a href="#">POWO</a> does not include Sulawesi and Maluku.)
Biological characteristics	Dwarf evergreen shrub to 1 m with small red tubular flowers. Full description found in Argent (2015, pp250-252). A 2006 description is found in the <a href="#">Edinburgh Rhododendron Monographs</a> .
Evidence	<p><b>Blue</b> = public domain documents provided in Appendix One</p> <p><b>Green</b> = non-public domain documents provided in Appendix Two</p> <p><b>1980s</b>: Introduced into cultivation by Keith Adams in the 1980s (Argent 2008, p4).  <b>1990</b>: Pukeiti had accession 1990-124a [Adams, Batu Lawei, Borneo] which was alive in 1993 (PRT 1955-1995a).  <b>1991</b>: Pukeiti had accession 1990-124 [Blumhardt] in the Covered Walk main section, but it later died (PRT 1955-1995b).  <b>1992</b>: Accession 1990-124 propagated at Pukeiti Gardens (PRT 1989-1993, p5).  <b>1993</b>: Pukeiti accession 1990-124a [Adams, Batu Lawei, Borneo 26 June 1990] growing in the Perrott House at Pukeiti (PRT 1993b, p1).  <b>1994</b>: Cullinane recorded using <i>R. bagobonum</i> for hybridising in NZ (Cullinane 1994, p53).  <b>2000</b>: In the Binney, Cullinane, Pukeiti collections (Smith EW 2000, p4).  <b>2001</b>: Accession 1990-241a is in the Pukeiti collection (PRT 2001c p12).  <b>2005</b>: The 1990 Adams accession, 1990-124a [Adams, Batu Lawei, Borneo] is alive at Pukeiti (PRT 2005a p31).  <b>2008</b>: Pukeiti had accessions 2008-136 [Currie, 2000] and 1990-124a [Adams Batu Lawei, Borneo] (PRT 2008b, p1).  <b>2017</b>: <i>R. bagobonum</i> Large Leaf Form is alive at Pukeiti (TRC2017a, p3).  <b>2021</b>: Name added/updated in the Ngā Tipu o Aotearoa – Plant Names Database (<a href="#">PND</a>).</p>
Evidence notes	Wild material is documented to have been collected by Os Blumhardt in 1979 ( <a href="#">Kenyon &amp; Walker 1997, p32</a> ; <a href="#">NZRA 2003a, p28</a> ), and from Batu Lawei in North Sarawak by Keith Adams in 1992 ( <a href="#">Adams 2003, p3</a> ; <a href="#">NZRA 2003a, p30</a> ). The Adams material is the likely source of accession 1990-240a reported at Pukeiti in 1990, while the Blumhardt material appears to be the source of accession 1990-240 reported at Pukeiti in 1991 ( <a href="#">PRT 1955-1995a</a> ).
Cultivated forms	None listed in Argent (2015)
Subspecies and botanical varieties	None listed in Argent (2015), <a href="#">POWO</a> , or <a href="#">GBIF</a>

*R. bagobonum* H.F.Copel. (1929)

Pukeiti 1990124 [Adams A6908, Batu Lawei, Borneo]



Whole plant 2008, flower close-up 01 December 2010, leaves and flowers 19 February 2008  
(Images: M. MacKay)

*R. bagobonum* H.F.Copel. (1929)

Pukeiti 1990124 [Adams A6908, Batu Lawei, Borneo]



Whole plant 2008, flower close-up 01 December 2010, leaves and flowers 19 February 2008  
(Images: M. MacKay)

3. *Rhododendron blackii*

Name	<i>Rhododendron blackii</i>
Authority	Sleumer (1973)
Synonyms	<i>Rhododendron sleumeri</i> Gilli is treated as a synonym in <a href="#">POWO</a> , but accepted as a separate species in <a href="#">GBIF</a>
Origin	PNG
Biological characteristics	Evergreen shrub to 3 m, with large, pendulous, red trumpet-shaped flowers. Full description is found in Argent (2015, pp367-368). A 2006 description is found in the <a href="#">Edinburgh Rhododendron Monographs</a> .
Evidence	<p><b>1983</b>: Pukeiti has three accessions 1983-386a, 1983-386b, 1983-386c (PRT 1955-1995a). The three were later re-numbered as 1983-386 [Smith, PNG GFS3883], 1983-387 [Smith, PNG GFS11812] and 1983-388 [Smith PNG04683] respectively (PRT 1955-1995a). A fourth accession 1983-386d [Smith Mt Giluwe, PNG] did not survive past 1989 (PRT 1955-1995b).</p> <p><b>1984</b>: Four forms are in the Pukeiti collection (PRT 1984b, p1).</p> <p><b>1987</b>: Offered for sale by <b>PPM</b> (PRT 1987a, Plant List, p11).</p> <p><b>1989</b>: Plants 1983-386a and 1983-386c are growing in the covered way at Pukeiti (PRT 1989c, pp1-2).</p> <p><b>1989</b>: Propagated at Pukeiti in 1989 and 1990 (PRT 1989-1993, pp4-5).</p> <p><b>1990</b>: Offered for sale by <b>PPM</b> (PRT 1990, p9).</p> <p><b>1993</b>: Offered for sale by Pukeiti in the 1993 <b>ARS</b> international seed list (ARS 1993, p23).</p> <p><b>1997</b>: In the Clark collection in Dunedin (Clark 1997, p39).</p> <p><b>1997</b>: Listed for Pukeiti in Covered Way zones CW2 and CW3 (PRT 1997b, p1).</p> <p><b>1999</b>: Offered for sale by <b>Brown's Nursery</b>, Tauranga (Gaddum 1999a, p246).</p> <p><b>2000</b>: In the Binney, Blumhardt and Cullinane collections in 1999 (Smith EW 2000, p4).</p> <p><b>2001</b>: In the Clark collection in Dunedin (Clark 2001, p48-49).</p> <p><b>2001</b>: Offered for sale by <b>Brown's Nursery</b>, Tauranga (Gaddum 2001, p234).</p> <p><b>2003</b>: Growing at Pukeiti in 2000 (Smith 2003a, p10).</p> <p><b>2003</b>: Supplied to Olinda Garden, Melbourne, by Pukeiti in 2003 (McAlister 2004, p53).</p> <p><b>2004</b>: Offered for sale by <b>PPM</b> in 2004 (PRT 2004 Plant List, p2).</p> <p><b>2005</b>: Accessions 1983-386, 1983-387 and 1983-388 are alive at Pukeiti (PRT 2005a, p31).</p> <p><b>2006</b>: Offered for sale by <b>PPM</b> in 2006 (PRT 2006 Plant List, p2).</p> <p><b>2008</b>: Accessions 1983-386 [Smith, PNG GFS3883], 1983-387 [Smith, PNG GFS11812] and 1983-388 [Smith PNG4683] alive at Pukeiti (PRT 2008b, p1).</p> <p><b>2012</b>: Offered for sale by <b>PPM</b> in 2012 (PRT 2012 Plant List, p4).</p> <p><b>2017</b>: In the Pukeiti collection (TRC2017a, p2).</p> <p><b>2018</b>: Offered for sale by <b>PPM</b> (PRT 2018 Plant List, p1).</p> <p><b>2020</b>: Offered for sale by <b>PPM</b> (PRT 2020 Plant List, p2).</p> <p><b>2021</b>: Name added/updated in the Ngā Tipu o Aotearoa – Plant Names Database (<a href="#">PND</a>).</p>
Evidence notes	Wild-sourced seed was collected by G. Smith in PNG in 1983 ( <a href="#">NZRA 2003b, p47</a> ). The notes in the Pukeiti card file ( <a href="#">PRT 1955-1995a</a> ) and the 2008 vireya inventory ( <a href="#">PRT 2008b, p1</a> ) indicate that Smith's 1983 expedition was the source of the three accessions acquired at Pukeiti in the same year. Cuttings are recorded as collected from Mt Giluwe, PNG, by Smith and Blumhardt in 1986 ( <a href="#">Ballard 2006, p53</a> ), but that reference does not say if the cuttings were brought back to NZ and survived.
Cultivated forms	None listed in Argent (2015)
Subspecies and botanical varieties	None listed in Argent (2015), <a href="#">POWO</a> , or <a href="#">GBIF</a>

*R. blackii* Sleumer (1973)

Pukeiti 1983386 [Smith, Laiagam-Kandep divide, PNG]



Flower details 25 June 2011, flower truss 01 October 2012 (Images: M. MacKay)



4. *Rhododendron burtii*

Name	<i>Rhododendron burtii</i>
Authority	P.Woods (1978)
Synonyms	None in Argent (2015) or <a href="#">POWO</a>
Name notes	Name not retrievable in GBIF
Origin	Malaysia (Borneo)
Biological characteristics	Dwarf evergreen shrub to 80 cm, with small, bright red, hairy, tubular flowers. Full description found in Argent (2015, pp236-238). A 2006 description is found in the <a href="#">Edinburgh Rhododendron Monographs</a> .
Evidence	<p><b>1990</b>: Pukeiti has accession 1990-395 [Cullinane, plant] (PRT 1955-1995a). The Cullinane accession was propagated in 1990 (PRT 1989-1993, p5).</p> <p><b>1992</b>: Accession 1990-395 (written as VS 395-90 in the notebook) propagated at Pukeiti (PRT 1989-1993, p5).</p> <p><b>1993</b>: Accession SV90395, otherwise 1990-395 [Cullinane] growing in the Perrott House at Pukeiti (PRT 1993b, p1).</p> <p><b>1994</b>: Grows well in a hanging basket in the Cullinane collection (Cullinane 1994, p53).</p> <p><b>2000</b>: In the Binney, Cullinane, Kenyon, Pukeiti collections (Smith EW 2000, p5).</p> <p><b>2001</b>: In the Clark collection, Dunedin (Clark 2001, p47).</p> <p><b>2001</b>: Accession S90-395 is alive at Pukeiti (PRT 2001c, p13).</p> <p><b>2008</b>: Pukeiti accession 2008-152 [Currie, 2003, seedling] was alive in 2008 (PRT 2008b, p1).</p> <p><b>2010</b>: Photographed at Pukeiti by M. MacKay (see next page).</p> <p><b>2018</b>: Four accessions are in the Pukeiti nursery (TRC 2018, lines 676-679).</p> <p><b>2021</b>: Name added/updated in the Ngā Tipu o Aotearoa – Plant Names Database (<a href="#">PND</a>).</p>
Cultivated forms	None listed in Argent (2015)
Subspecies and botanical varieties	None listed in Argent (2015) or <a href="#">POWO</a>



Photographed at Pukeiti by Andrew Brooker 8 January 2002.

*R burtii* P.Woods (1978)

Pukeiti 1990395 [Cullinane, plant]



Photographs 21 January 2010, close-up of ovary 01 December 2010 (Images: M. MacKay)

5. *Rhododendron christiana*e

Name	<i>Rhododendron christiana</i> e
Authority	Sleumer (1960)
Synonyms	None in Argent (2015), <a href="#">POWO</a> (as <i>R. christiana</i> e), or <a href="#">GBIF</a>
Name notes	Orthographic variant <i>R. christiana</i> e. Taxonomic Names Resolution Service ( <a href="https://tnrs.biendata.org/">https://tnrs.biendata.org/</a> ) treats <i>R. christiana</i> e as the variant and <i>R. christiana</i> e as the correct name.
Origin	PNG
Biological characteristics	Evergreen shrub to 3 m, with yellow-orange tubular flowers. Full description found in Argent (2015, pp361-362). A 2006 description is found in the <a href="#">Edinburgh Rhododendron Monographs</a> .
Evidence	<p><b>1975:</b> Pukeiti had accession 1975-149 [E. Perrott], written then as SC75-149, which was alive in 1991 (PRT 1955-1995a). Three other accessions MS149a [Perrott], MS149b [Perrot] and MS149c [New Plymouth Parks] did not survive past 1975, 1976 and 1976 respectively (PRT 1955-1995b).</p> <p><b>1983:</b> Offered for sale by <b>Riverwood Nursery</b> and in collections Pukeiti and Isel Park (Smith 1983, p6).</p> <p><b>1984:</b> Pukeiti had <i>R. christiana</i>e ‘Sunset’ SC84-189B [Daga, PNG, G. Snell] which was alive in 2005 (PRT 2005a, p32).</p> <p><b>1987:</b> Successfully grown in the Cullinane collection (Cullinane 1987, p3).</p> <p><b>1987:</b> In cultivation in NZ (Smith EW 1987, p2).</p> <p><b>1987:</b> ‘Sunset’ offered for sale by <b>PPM</b> (PRT 1987a Plant List, p14).</p> <p><b>1989:</b> Offered for sale by <b>Duncan and Davies</b> in 1989, New Plymouth (D&amp;D 1989, p42).</p> <p><b>1989:</b> Offered for sale by <b>PPM</b> (PRT 1989b, p13).</p> <p><b>1989:</b> Propagated at Pukeiti (PRT 1989-1993, p6).</p> <p><b>1990:</b> Offered for sale by <b>PPM</b> (PRT 1990, p9).</p> <p><b>1990:</b> Pukeiti had accession 1990-149c [Mayhead, seedlings, Daga, PNG], then written as S90-149c, which was alive in 2005 (PRT 2005a, p32).</p> <p><b>1991:</b> Offered for sale by <b>PPM</b> (PRT 1991a, p8).</p> <p><b>1992:</b> Offered for sale by <b>PPM</b> (PRT 1992a, p8).</p> <p><b>1996:</b> Smith (1996, p6) describes growing <i>R. christiana</i>e at Pukeiti.</p> <p><b>1997:</b> Grown in the Clark collection (Clark 1997, p38).</p> <p><b>1999:</b> Offered for sale by <b>Brown’s Nursery</b>, Tauranga (Gaddum 1999a, p246).</p> <p><b>2000:</b> In the Binney, Cullinane, Currie, Pukeiti collections (Smith EW 2000, p5).</p> <p><b>2000:</b> Offered for sale by <b>Jury</b> (Jury 2000, p10).</p> <p><b>2001:</b> Listed as “previously available” by Gaddum (2001, p234).</p> <p><b>2001:</b> Accession 1990-149c is alive at Pukeiti (PRT 2001, p 13).</p> <p><b>2005:</b> Accessions 1984-189 and 1990-149c alive at Pukeiti (PRT 2005a, p32).</p> <p><b>2008:</b> Accession 1975-149 alive at Pukeiti (PRT 2008b, p2).</p> <p><b>2017:</b> Photographed at the Palmerston North Esplanade conservatory (see next page).</p> <p><b>2018:</b> In the Pukeiti nursery (TRC 2018, line 714).</p> <p><b>2021:</b> Name added/updated in the Ngā Tipu o Aotearoa – Plant Names Database (<a href="#">PND</a>).</p>
Evidence notes	<p>In 1971 Pukeiti obtained a plant from E. Perrott of New Zealand (<b>PRT 1971, p9</b>); however, that document does not explicitly state that it is a <i>Rhododendron</i>.</p> <p>In 1997 Pukeiti listed two accessions of <i>R. christiana</i>e (in Covered Way zone CW6 and in the pot nursery) (<b>PRT 1997b, p2</b>). Listing in the document indicates the plant was extant, presence of a tick indicates it had been propagated (email from Graham Smith 26 Nov 2021, attached to PRT 1997b).</p>
Cultivated forms	‘Sunset’ a wild-collected form acquired by Pukeiti in 1984. No other cultivars listed in Argent (2015).
Subspecies and botanical varieties	None listed in Argent (2015), <a href="#">POWO</a> , or <a href="#">GBIF</a>

*R. christiana* Sleumer (1960)

Collection 114



Upper picture 26 January 2017  
Leaf and ovary detail 11 September 2012  
(Images: M. MacKay)

6. *Rhododendron dianthosmum*

Name	<i>Rhododendron dianthosmum</i>
Authority	Sleumer (1963)
Synonyms	None in Argent (2015), <a href="#">POWO</a> , or <a href="#">GBIF</a>
Origin	Indonesia (New Guinea)
Biological characteristics	Evergreen shrub to 2 m with large white or pink funnel shaped flowers. Full description in Argent (2015, pp114-115). A 2006 description is found in the <a href="#">Edinburgh Rhododendron Monographs</a> .
Evidence  <b>Blue</b> = public domain documents provided in Appendix One  <b>Green</b> = non-public domain documents provided in Appendix Two  <b>Yellow</b> = sales offering	<p><b>1983</b>: Held in collection Pukeiti (Smith 1983, p9).  <b>1987</b>: In cultivation in NZ (Smith EW 1987, p2).  <b>1989</b>: Pukeiti has accession SD89-169 [Blumhardt], (PRT 1955-1995a).  <b>1989</b>: Accession 1985-394 propagated at Pukeiti (PRT 1989-1993, p8).  <b>2000</b>: In the Binney, Blumhardt, Cullinane, Currie, Kenyon, Pukeiti collections (Smith EW 2000, p5).  <b>2001</b>: Accession 1989-169, then written as S89-169, alive at Pukeiti (PRT 2001c, p12).  <b>2005</b>: Accession 1989-169 in the Pukeiti collection (PRT 2005a, p32).  <b>2008</b>: Accession 1989-169 is alive at Pukeiti (PRT 2008b, p2).  <b>2012</b>: Offered for sale by <b>PPM</b> in 2012 (PRT 2012 Plant List, p4).  <b>2018</b>: Four plants of accession 1989-169 are in the Pukeiti nursery (TRC 2018, lines 801-804).  2021: Name added/updated in the Ngā Tipu o Aotearoa – Plant Names Database (<a href="#">PND</a>).</p>
Evidence notes	In 1997 a plant from Blumhardt was recorded at Pukeiti in Covered Way zone CW7c ( <b>PRT 1997b, p2</b> ). Listing in the document indicates the plant was extant, presence of a tick indicates it had been propagated (email from Graham Smith 26 Nov 2021).
Cultivated forms	None listed in Argent (2015)
Subspecies and botanical varieties	None listed in Argent (2015), <a href="#">POWO</a> , or <a href="#">GBIF</a>

*R. dianthosmum* Sleumer (1963)

Pukeiti 1989169 [Blumhardt, plant]



Upper 10 January 2008, lower 07 January 2009 (Images: M. MacKay)

7. *Rhododendron ericoides*

Name	<i>Rhododendron ericoides</i>
Authority	H.Low ex Hook.f. (1852)
Synonyms	None in Argent (2015), <a href="#">POWO</a> , or <a href="#">GBIF</a>
Origin	Malaysia (Borneo, Sabah)
Biological characteristics	Dwarf evergreen shrub with tiny leaves and tubular red flowers. Full description found in Argent (2015, pp54-55). A 2006 description is found in the <a href="#">Edinburgh Rhododendron Monographs</a> .
Evidence	<p><b>1980</b>: Collected by Keith Adams in 1980 from Mt Kinabalu, North Sarawak (Adams 1996a, p1; NZRA 2003a, p29; The Rover 1992, p13).</p> <p><b>1980</b>: Pukeiti had accession 1980-175 [Adams A0980, Mt Kinabalu, Borneo], written then as VS175-80, which was alive in 1992 (PRT 1955-1995a).</p> <p><b>1983</b>: Held in collection Pukeiti (Smith 1983, p11).</p> <p><b>1984</b>: Planted at Pukeiti in 1984 (Smith 1984b, p19).</p> <p><b>1987</b>: In cultivation in NZ (Smith EW 1987, p2).</p> <p><b>1994</b>: Noted as difficult to grow in the Cullinane collection (Cullinane 1994, p53).</p> <p><b>1997</b>: Pukeiti has accession 1997-138 [Binney, Mt Kinabalu] (PRT 1955-1995a).</p> <p><b>1999</b>: Keith Adams has strong plants in his collection (Adams 1999, p5).</p> <p><b>2000</b>: In the Binney, Cullinane, Pukeiti collections (Smith EW 2000, p5).</p> <p><b>2000</b>: Growing in the Clark collection in Dunedin (Clark &amp; Clark 2000, p9).</p> <p><b>2001</b>: In the Clark collection, Dunedin (Clark 2001, pp48-50).</p> <p><b>2001</b>: Accessions 1980-175 [A09-80] and 1997-138 [Binney] are alive at Pukeiti (PRT 2001c p7,17).</p> <p><b>2005</b>: Accessions 1980-175 and 1997-138 are in the Pukeiti collection (PRT 2005a, p33,45).</p> <p><b>2008</b>: Specimen planted in 1997, accession 1997-138, was alive at Pukeiti (PRT 2008b, p2).</p> <p><b>2010</b>: Te Papa image specimen from Pukeiti (<a href="#">SP089663</a>).</p> <p><b>2017</b>: Alive at Pukeiti (TRC 2017b; screenshot 09 January).</p> <p><b>2021</b>: Name added/updated in the Ngā Tipu o Aotearoa – Plant Names Database (<a href="#">PND</a>).</p>
Evidence notes	<p><i>R. ericoides</i> is recorded to have been collected by Os Blumhardt from Mt Kinabalu in 1979 (<a href="#">NZRA 2003a, p28</a>), but this reference does not say if plant material was successfully propagated in NZ.</p> <p>In 1980 seed was sown at Pukeiti of “A185 <i>R. ericoides</i>? Mt Kinnabalu” collected by Keith Adams in Borneo on 1 May 1980 (<a href="#">PRT 1969-1988, p88</a>); however, this accession is not present in later records.</p>
Cultivated forms	None in Argent (2015) or <a href="#">POWO</a>
Subspecies and botanical varieties	var. <i>silvicolum</i> Sleumer (1960) [syn. <i>R. × silvicola</i> (Sleumer (1988), orthographic variant <i>R. × silvicolum</i> ] is listed by Argent (2015, p115), Chamberlain et al. (1996, p24) and <a href="#">GBIF</a> . <a href="#">POWO</a> does not list this variety, but instead accepts the hybrid combination ( <a href="#">POWO</a> ).

*R. ericoides* H.Low ex Hook.f. (1852)

Pukeiti 1997138 [Binney, Mt Kinabalu, Borneo]



Photograph 22 November 2008, sample picture 01 December 2010 (Images: M. MacKay)



8. *Rhododendron fallacinum*

Name	<i>Rhododendron fallacinum</i>
Authority	Sleumer (1960)
Synonyms	None in Argent (2015), <a href="#">POWO</a> , or <a href="#">GBIF</a>
Origin	Malaysia (Borneo)
Biological characteristics	Evergreen shrub or small tree to 6 m, with scaly leaves and clusters of bright orange flowers. Full description found in Argent (2015, pp140-142). A 2006 description is found in the <a href="#">Edinburgh Rhododendron Monographs</a> .
Evidence	<p><b>Blue</b> = public domain documents provided in Appendix One</p> <p><b>Green</b> = non-public domain documents provided in Appendix Two</p> <p><b>Yellow</b> = sales offering</p> <p><b>1979:</b> Collected by Os Blumhardt from Mt Kinabalu in 1979 (Adams 1996a, p1; Kenyon &amp; Walker 1997, p32; NZRA 2003a, p28).</p> <p><b>1980:</b> Collected by Keith Adams in 1980 from Mt Kinabalu, Sarawak (NZRA 2003a, p29; The Rover 1992, p13).</p> <p><b>1980:</b> Seed of Adams A187 [Mt Kinabalu 7000ft] sown at Pukeiti on 1 May 1980 (PRT 1969-1988, p88).</p> <p><b>1980:</b> Pukeiti had accession 1980-178b [Adams AD08-80, Mt Kinabalu, Borneo] which was alive in 1988 (PRT 1955-1995b). Its presence in the 1955-1995(b) file suggests it must have died.</p> <p><b>1980:</b> Imported into Australia, from Pukeiti, in 1980 [an Adams collection] (Withers 1991, p17).</p> <p><b>1980s:</b> <i>R. fallacinum</i> has been in cultivation since the 1980s, through several introductions to UK, Australia and New Zealand (Argent 2015, p142).</p> <p><b>1982:</b> Collected from Mt Murud, Sarawak, by Keith Adams in 1982 (Adams 1996a, p3).</p> <p><b>1984:</b> Noted as slow growing in the Blumhardt collection (Blumhardt 1985, p2).</p> <p><b>1987:</b> In cultivation in NZ (Smith EW 1987, p2).</p> <p><b>1988:</b> Seed from Keith Adams [Borneo] sown at Pukeiti (PRT 1985-1992, p67).</p> <p><b>1989:</b> <i>R. fallacinum</i> Round Leaf Form supplied to Pukeiti by Os Blumhardt (PRT 1989a, p1).</p> <p><b>1989:</b> Collected from Central Sarawak by Keith Adams in 1989 (NZRA 2003a, p29; Adams 1989, p5).</p> <p><b>1989:</b> Pukeiti has accession 1989-178b Large Leaf Form [Blumhardt] (PRT 1955-1995a).</p> <p><b>1992:</b> Accession 1989-178b, written then as VS178b-89, was propagated at Pukeiti in 1992 (PRT 1989-1993, p9).</p> <p><b>1992:</b> Imported from Sarawak [Batu Lawei] by Keith Adams (permit 31287) (PRT 1992b).</p> <p><b>1992:</b> Accession 1989-178b Large Leaf Form [Blumhardt] is at Pukeiti (PRT 1955-1995a).</p> <p><b>1997:</b> The Blumhardt Big Leaf Form is in Perrott House zone P4 at Pukeiti (PRT 1997b, p2).</p> <p><b>1998 January:</b> Binney has plants available for Pukeiti (Binney 1998a).</p> <p><b>1998 March:</b> <i>R. fallacinum</i> Mt Trus Mardi plant donated to Pukeiti by D. Binney (PRT 1998b).</p> <p><b>1998 May:</b> The Mt Trus Mardi plant and the Big Leaf Form are in the Pukeiti nursery (PRT 1998c, p4).</p> <p><b>1998:</b> Pukeiti has accession 1998-100 [Binney, Mt Trus Mardi, Sabah] donated by Binney in September 1998 (PRT 1998d).</p> <p><b>1998:</b> Offered for sale by <b>PPM</b> (PRT 1998a Plant List, p29).</p> <p><b>1999:</b> Offered for sale by <b>PPM</b> (PRT 1999, p7).</p> <p><b>2000:</b> Offered for sale by <b>PPM</b> (PRT 2000a, p4).</p> <p><b>2000:</b> In the Binney, Blumhardt, Cullinane, Currie, Kenyon, Pukeiti collections (Smith EW 2000, p5).</p> <p><b>2001:</b> Pukeiti has accession 2001-137 [Binney, Borneo] (PRT 2008b, p2).</p> <p><b>2001:</b> In the Clark collection in Dunedin (Clark 2001, p49).</p> <p><b>2003:</b> Binney grows <i>R. fallacinum</i> collected from Mt Kinabalu (Binney 2003, p113).</p> <p><b>2004:</b> Offered for sale by <b>PPM</b> (PRT 2004 Plant List, p2).</p> <p><b>2008:</b> Accessions 1989-178, 1998-100, and 2001-137 are at Pukeiti (PRT 2008b, p2).</p> <p><b>2017:</b> In the Pukeiti collection (TRC2017a, p8).</p> <p><b>2021:</b> Name added/updated in the Ngā Tipu o Aotearoa – Plant Names Database (<a href="#">PND</a>).</p>
Evidence notes	This species was collected from Mt Kinabalu, Borneo, by Os Blumhardt in 1983 ( <a href="#">Ballard 2006, p37</a> ), correctly and incorrectly ( <i>R. "fallacious"</i> ) spelt on the same page. Although it is not stated in Ballard that the species was sent to NZ and successfully propagated, the report of growth of the species by Blumhardt in 1984 ( <a href="#">Blumhardt 1985, p2</a> ) and the provision of plants

Application Form To obtain a determination of whether an organism is a new organism

	to Pukeiti ( <a href="#">PRT 1989, p1</a> ) would indicate that material was successfully grown. On 1 May 1980 seed of “A193 <i>R. fallacinum?</i> G. Mulu summit”, which had been collected by Keith Adams from Borneo, was sown at Pukeiti ( <a href="#">PRT 1969-1988, p88</a> ).
Cultivated forms	None listed in Argent (2015)
Subspecies and botanical varieties	None listed in Argent (2015), <a href="#">POWO</a> , or <a href="#">GBIF</a>

### *R. fallacinum* Sleumer (1960)

Flower: Pukeiti *R. fallacinum* Trus Mardi 1998100 [Binney, Sabah]

Plant: Pukeiti 2001137



Plant 04 September 2012  
Trus Mardi flower 01 December  
2010  
(Images: M. MacKay)

9. *Rhododendron gracilentum*

Name	<i>Rhododendron gracilentum</i>
Authority	F.Muell. (1889)
Synonyms	None in Argent (2015), <a href="#">POWO</a> , or <a href="#">GBIF</a>
Origin	PNG
Biological characteristics	Erect or prostrate, evergreen, spreading shrub, with small leaves and red tubular flowers. Full description is found in Argent (2015, pp179-180). A 2006 description is found in the <a href="#">Edinburgh Rhododendron Monographs</a> .
Evidence	<p><b>1960:</b> Brought to NZ in 1960 by Womersley and Slade (Argent 2015, p179-180).</p> <p><b>1976:</b> Pukeiti had accessions 1976-190 [E. Boswell] and 1976-190a [Kores K11276, Bulldog Road, PNG] (PRT 1955-1995a).</p> <p><b>1983:</b> Collected by G. Smith in PNG in 1983 (Smith 1984a, p44).</p> <p><b>1983:</b> Pukeiti had accession 1983-190b [Smith GS5183 a cutting collected by N. Crutwell from, Mt Giluwe, PNG, 1983] (PRT 1955-1995a).</p> <p><b>1983:</b> Offered for sale by <b>Riverwood Nurseries</b> and held in collection Pukeiti (Smith 1983, p14).</p> <p><b>1985:</b> Growing at Pukeiti (Smith 1986a, p4).</p> <p><b>1986:</b> Wild collected by G. Smith in 1986 (NZRA 2003b, p47).</p> <p><b>1986:</b> Pukeiti had accession 1986-190b [Smith, GS05121, PNG] which was alive in 2008 (PRT 2008b, p3). Pukeiti also had accession 1986-190c [Blumhardt 05121, Mt Miap, PNG 1980] (PRT 1955-1995a).</p> <p><b>1986:</b> Growing at Pukeiti (Smith 1986a, p4).</p> <p><b>1987:</b> Wild collected plants alive in the Blumhardt collection at Koromiko Nursery (Ballard 2015, p39), four different kinds were noted (Ballard 2006, p54).</p> <p><b>1987:</b> In cultivation in NZ (Smith EW 1987, p2).</p> <p><b>1989:</b> <i>R. gracilentum</i> Mt Miap supplied to Pukeiti by Os Blumhardt (PRT 1989a).</p> <p><b>1990:</b> <i>R. gracilentum</i> Mt Giluwe propagated at Pukeiti (PRT 1989-1993, p10).</p> <p><b>1995:</b> Offered for sale by Pukeiti on the 1995 <b>ARS</b> international seed list (ARS 1995, p4).</p> <p><b>1996:</b> <i>R. gracilentum</i> and <i>R. gracilentum</i> Mt Miap offered for sale by <b>PPM</b> (PRT 1996, p12).</p> <p><b>1999:</b> <i>R. gracilentum</i> Mt Giluwe offered for sale by <b>Brown's Nursery</b>, Tauranga (Gaddum 1999a, p247).</p> <p><b>2000:</b> In the Binney, Cullinane, Pukeiti collections (Smith EW 2000, p5).</p> <p><b>2000:</b> Growing in the collection at Pukeiti (Smith 2003a, p8).</p> <p><b>2000:</b> In the Clark collection in Dunedin (Clark &amp; Clark 2000, p9).</p> <p><b>2001:</b> In the Clark collection, Dunedin (Clark 2001, p49).</p> <p><b>2001:</b> Listed as "previously available" by Gaddum (2001 p235), as "<i>R. gracilentum</i> Mt Gilawe" ('Gilawe' being an error for 'Giluwe').</p> <p><b>2005:</b> Four accessions are in the Pukeiti collection (PRT 2005a, p33).</p> <p><b>2008:</b> Pukeiti accessions 1976-190, 1976-191, 1983-192 and 2008-138 [Currie, Bulldog Road, PNG] were alive in 2008 (PRT 2008b, p3).</p> <p><b>2010:</b> Te Papa image specimen from Pukeiti (<a href="#">SP089666</a>).</p> <p><b>2017:</b> In the Pukeiti collection (TRC2017a, p10).</p> <p><b>2021:</b> Name added/updated in the Ngā Tipu o Aotearoa – Plant Names Database (<a href="#">PND</a>).</p>
Cultivated forms	None listed in Argent (2015)
Subspecies and botanical varieties	None listed in Argent (2015), <a href="#">POWO</a> , or <a href="#">GBIF</a>

*R. gracilentum* F.Muell. (1889)

Pukciti 1986190c [Smith, Mt Miap, PNG, cuttings]



Sample picture 01 December 2010, flower 22 November 2008, plant 01 October 2012

(Images: M. MacKay)

10. *Rhododendron herzogii*

Name	<i>Rhododendron herzogii</i>
Authority	Warb. (1892)
Synonyms	None in Argent (2015), <a href="#">POWO</a> , or <a href="#">GBIF</a>
Origin	PNG
Biological characteristics	Upright, evergreen shrub to 2 m, with long white tubular flowers, sometimes flushed pink. Full description in Argent (2015, pp72-74). A 2006 description is found in the <a href="#">Edinburgh Rhododendron Monographs</a> .
Evidence	<p><b>1976:</b> Pukeiti had accession 1976-197 [E. Boswell] (PRT 1955-1995a).</p> <p><b>1976:</b> Pukeiti had accession 1976-176a [Kores, Edie Creek, PNG] which was alive in 1976 (PRT 1955-1995b).</p> <p><b>1979:</b> Pukeiti had accession VS197b [John Rouse, Australia] (PRT 1955-1995b).</p> <p><b>1983:</b> Offered for sale by <b>Riverwood Nursery</b>, and held in collection Pukeiti (Smith 1983, p15).</p> <p><b>1983:</b> Wild collected from PNG by Graham Smith in 1983 (NZRA 2003b, p47). This collection is the likely source of the Pukeiti accession listed below.</p> <p><b>1983:</b> Pukeiti has accession 1983-197c [Smith, GFS 111/10, Mt Yakopimanda, PNG] (PRT 1955-1995a).</p> <p><b>1983:</b> Offered for sale by <b>PPM</b> (PRT 1983a, Plant List, p7).</p> <p><b>1984:</b> <i>R. herzogii</i>, Smith, PNG, Mt Yakopimanda is in the Pukeiti collection (PRT 1984b, p1).</p> <p><b>1985:</b> Offered for sale by <b>PPM</b> (PRT 1985a, p10).</p> <p><b>1986:</b> Wild collected plant material collected from PNG by Graham Smith in 1986 (NZRA 2003b, p47), which was likely to have included <i>R. herzogii</i> 'Pink Tubes' collected from Mt Gahavisukar in PNG by Graham Smith, GFS 017/13 (Smith 1987b, p58).</p> <p><b>1986:</b> Pukeiti has 1986-197 Pink Tube Form [Smith, GFS 10713, Mt Gahavisukar, PNG] which was alive in 2008 (PRT 2008b, p3). Listed for import permit 27831 from PNG in 1986 (PRT 1986b, p1).</p> <p><b>1987:</b> Wild collected plants of four forms alive in the Blumhardt collection at Koromiko Nursery (Ballard 2015, p39).</p> <p><b>1987:</b> In cultivation in NZ (Smith EW 1987, p2).</p> <p><b>1988:</b> Propagated at Pukeiti (PRT 1988a, p5,8).</p> <p><b>1989:</b> Propagated at Pukeiti, in 1989 and 1990 (PRT 1989-1993, p11), and again in 1992 (PRT 1989-1993, p12).</p> <p><b>1992:</b> Offered for sale by <b>PPM</b> (PRT 1992a, p8).</p> <p><b>1997:</b> Pink Flowered Form [Smith 10713] is in Covered Way zone CW2 and the White Flowered Form [Smith 111/10] is in Covered Way zone CW7b at Pukeiti (PRT 1997b, p3).</p> <p><b>2000:</b> In the Binney, Cullinane, Currie, Kenyon, Pukeiti collections (Smith EW 2000, p5).</p> <p><b>2003:</b> Grows at Pukeiti (Smith 2003a, p10) and flowers several times a year (Smith 2003b, p201).</p> <p><b>2005:</b> Accessions 1976-197, 1983-197, 1986-197 are alive at Pukeiti (PRT 2005a, p33).</p> <p><b>2008:</b> Accessions 1976-197 [Boswell], 1983-197 [Smith, GFS 111/10, Mt Yakopimanda, PNG] and 1986-197 [Smith GFS 10713 Pink Form, Mt Gahavisukar, PNG] are alive at Pukeiti (PRT 2008b, p3).</p> <p><b>2012:</b> Offered for sale by <b>PPM</b> (PRT 2012 Plant List, p4).</p> <p><b>2017:</b> In the Pukeiti collection (TRC2017a, p10).</p> <p>2021: Name added/updated in the Ngā Tipu o Aotearoa – Plant Names Database (<a href="#">PND</a>).</p>
Cultivated forms	None listed in Argent (2015). Pink flowered form (wild-collected) is grown at Pukeiti, New Zealand.
Subspecies and botanical varieties	var. <i>occidentale</i> Argent (2015), described in Argent (2015, p73); however, this variety is not currently known to be in New Zealand. <a href="#">POWO</a> and <a href="#">GBIF</a> do not list this variety.

*R. herzogii* Warb. (1892)

Pukeiti 1986197 [Smith GFS 10713, Mt Gahavisukar, PNG, pink form, cuttings]  
18 February 2008



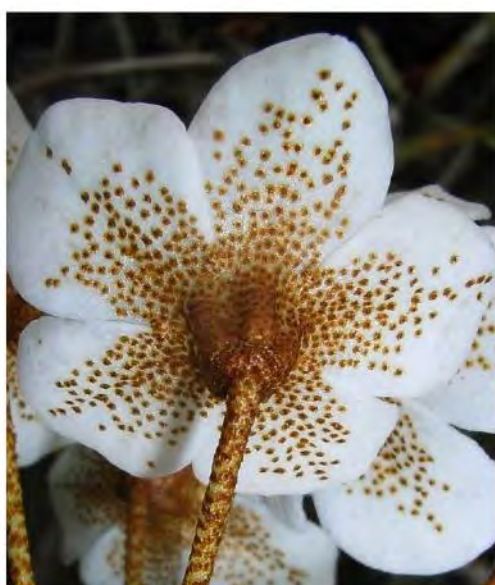
1983197 [Smith, Mt Yakopimanda, PNG, seed]  
12 December 2015  
(Images: M. MacKay)

11. *Rhododendron himantodes*

Name	<i>Rhododendron himantodes</i>
Authority	Sleumer (1940)
Synonyms	None in Argent (2015), <a href="#">POWO</a> , or <a href="#">GBIF</a>
Origin	Malaysia (Borneo), Indonesia (Borneo)
Biological characteristics	Evergreen shrub to 2 m with narrow, scaly leaves and saucer-shaped white flowers with a scaly back. Full description found in Argent (2015, pp146-147). A 2006 description is found in the <a href="#">Edinburgh Rhododendron Monographs</a> .
Evidence	<p><b>1990:</b> Pukeiti propagated “himantodes Batu Lawei Keith Adams A6904” in 1990 (PRT 1989-1993, p11).</p> <p><b>1991:</b> Seed ARS 90-66 [RGBE 78-1723 selfed] sown at Pukeiti (PRT 1985-1992, p94 back).</p> <p><b>1992:</b> Imported from Sarawak [Batu Lawei] by Keith Adams (permit 31287) (PRT 1992b).</p> <p><b>1996:</b> Keith Adams notes that this species is difficult to grow on, but that Mark Jury has some of his 1992 collection still alive (Adams 1996a, pp3-4).</p> <p><b>1997:</b> Pukeiti has 1997-139 [Binney, Mt Kinabalu, plant] (PRT 2001c, p17).</p> <p><b>1998:</b> Donated to Pukeiti by Mark Jury in September 1998 and given number 1998107 (PRT 1998d).</p> <p><b>1999:</b> Keith Adams has strong plants in his collection (Adams 1999, p5).</p> <p><b>2000:</b> In the Binney, Blumhardt, Cullinane, Currie, Kenyon, Pukeiti collections (Smith EW 2000, p5).</p> <p><b>2000:</b> Flowered in the Clark collection in Dunedin (Clark &amp; Clark 2000, p8).</p> <p><b>2001:</b> In the Clark collection, Dunedin (Clark 2001, p49).</p> <p><b>2001:</b> Accessions 1997-139 and 1998-107 are alive at Pukeiti (PRT 2001c, p10,17).</p> <p><b>2003:</b> Growing at Pukeiti (Smith 2003a, p12).</p> <p><b>2005:</b> Accessions 1997-139 and 1998-107 are alive at Pukeiti (PRT 2005a, pp45-46).</p> <p><b>2017:</b> In the Pukeiti collection (TRC2017a, p11).</p> <p><b>2021:</b> Name added/updated in the Ngā Tipu o Aotearoa – Plant Names Database (<a href="#">PND</a>).</p>
Evidence notes	<i>R. himantodes</i> was wild collected by Keith Adams in 1990 from Batu Lawei in North Sarawak ( <a href="#">Adams 2003, p2</a> ; <a href="#">NZRA 2003a, p30</a> ) and again in 1992 ( <a href="#">Adams 2003, p3</a> ). The notations in the Pukeiti Vireya propagation notebook ( <a href="#">PRT 1989-1993, p11</a> ) indicate that this was the source of the material propagated at Pukeiti in the same year.
Cultivated forms	None listed in Argent (2015)
Subspecies and botanical varieties	var. <i>lavandulifolium</i> Sleumer (1960) is described by Argent (2015, p147) and listed in <a href="#">GBIF</a> . It is not currently known to be in New Zealand. <a href="#">POWO</a> does not list this variety.

*R. himantodes* Sleumer (1940)

Pukeiti 1998107 [Jury, 1998]



Flowers and leaves 07 August 2011, bud 16 October 2015, flower back 07 August 2011, ovary detail 07 August 2011 (Images: M. MacKay)



12. *Rhododendron hyacinthosmum*

Name	<i>Rhododendron hyacinthosmum</i>
Authority	Sleumer (1973)
Synonyms	None in Argent (2015), <a href="#">POWO</a> , or <a href="#">GBIF</a>
Origin	PNG
Biological characteristics	Evergreen shrub to 3 m, with large pinkish-white flowers. Full description is found in Argent (2015, pp124-125). A 2006 description is found in the <a href="#">Edinburgh Rhododendron Monographs</a> .
Evidence	<p><b>1983</b>: Pukeiti had accession 1983-385 [Smith 5983 Mt Gahavisukar, PNG] (PRT 1955-1995a).</p> <p><b>1984</b>: <i>R. hyacinthosmum</i>, [Smith, PNG, Goroka 1983], is at Pukeiti (PRT 1984b, p1).</p> <p><b>1985</b>: A form from N. Crutwell of PNG is growing at Pukeiti (Smith 1986a, p4).</p> <p><b>1988</b>: Propagated at Pukeiti (PRT 1988a, p5).</p> <p><b>1989</b>: Propagated at Pukeiti (PRT 1989-1993, p11).</p> <p><b>1991</b>: Offered for sale by <b>PPM</b> (PRT 1991a, p8).</p> <p><b>1992</b>: Propagated at Pukeiti (PRT 1989-1993, p12).</p> <p><b>1999</b>: Keith Adams has good plants of <i>R. hyacinthosmum</i> (Adams 1999, p5).</p> <p><b>2000</b>: In the Binney and Cullinane collections (Smith EW 2000, p5).</p> <p><b>2001</b>: Accession 1983-385 [S 5983] is alive at Pukeiti (PRT 2001c, p9).</p> <p><b>2003</b>: Pukeiti had accession 2003-195 [Currie] which was alive in 2008 (PRT 2008b, p3).</p> <p><b>2004</b>: Pukeiti had accession 2004-120 [Currie] which was alive in 2008 (PRT 2008b, p3).</p> <p><b>2005</b>: Pukeiti had accession 2005-188 [Currie] which was alive in 2008 (PRT 2008b, p3). Accession 1983-385 also alive in 2005 (PRT 2005a, p33).</p> <p><b>2008</b>: Three accessions alive at Pukeiti (PRT 2008b, p3).</p> <p><b>2017</b>: In the Pukeiti collection (TRC2017a, p12).</p> <p><b>2019</b>: Offered for sale by <b>PPM</b> (PRT 2019 Plant List, p1).</p> <p><b>2020</b>: Offered for sale by <b>PPM</b> (PRT 2020 Plant List, p2).</p> <p><b>2021</b>: Name added/updated in the Ngā Tipu o Aotearoa – Plant Names Database (<a href="#">PND</a>).</p>
Evidence notes	<i>R. hyacinthosmum</i> was reported wild collected by G. Smith in PNG in 1983 ( <a href="#">NZRA 2003b, p47</a> ). Notes in the Pukeiti card file ( <a href="#">PRT 1955-1995a</a> ) indicate that this was the source of the material acquired the same year at Pukeiti.
Cultivated forms	None listed in Argent (2015)
Subspecies and botanical varieties	None listed in Argent (2015), <a href="#">POWO</a> , or <a href="#">GBIF</a>

*R. hyacinthosmum* Sleumer (1973)

Pukeiti 2005188 [Currie, 2000, plant]



Corolla 14 February 2012, whole plant 2008, flower 21 January 2010 (Images: M. MacKay)

13. *Rhododendron inconspicuum*

Name	<i>Rhododendron inconspicuum</i>
Authority	J.J.Sm. (1915)
Synonyms	<i>R. invariorum</i> Sleumer (1960) and <i>R. luteosquamatum</i> Sleumer (1960) are listed as synonyms in <a href="#">POWO</a> and by Argent (2015, p218), but are not listed in <a href="#">GBIF</a>
Origin	Indonesia (New Guinea), PNG
Biological characteristics	Evergreen shrub or tree to 5 m, with small leaves and small red, tubular flowers. Full description in Argent (2015, pp268-269). A 2006 description is found in the <a href="#">Edinburgh Rhododendron Monographs</a> .
Evidence	<p><b>1975:</b> Pukeiti had accession 1975-205 [Ian Gordon ex NZRA] (PRT (1955-1995a)).</p> <p><b>1976:</b> Pukeiti had accession MS237 [Kores, Edie Creek, PNG] as the synonym <i>R. luteosquamatum</i>, which was alive in 1976 (PRT 1955-1995b).</p> <p><b>1979:</b> Pukeiti has accession 1979-205b [J. Rouse, cuttings from Goodenough Island] which was alive in 1991 (PRT 1955-1995a).</p> <p><b>1979:</b> Pukeiti had accession MS205a, no year given [John Rouse, Australia, material collected by Michael Black] which was alive in 1984 (PRT 1955-1995b).</p> <p><b>1983:</b> Offered for sale by <b>George Swan Nursery</b>, and held in collection Pukeiti (Smith 1983, p17).</p> <p><b>1984:</b> <i>R. inconspicuum</i> [Smith, PNG, Sirunke, 1983] and <i>R. invariorum</i> [Snell, ex M.Black, seed] are in the Pukeiti collection (PRT 1984b, p1).</p> <p><b>1987:</b> <i>R. inconspicuum</i> held in NZ (Smith EW 1987, p2) and <i>R. luteosquamatum</i> held in NZ (Smith EW 1987, p2).</p> <p><b>1989:</b> Propagated at Pukeiti in 1989, 1991, 1992 (PRT 1989-1993, p13).</p> <p><b>1989:</b> Offered for sale by Pukeiti in the <b>ARS</b> international 1989 seed list (ARS 1989, p8).</p> <p><b>1990:</b> Offered for sale by Pukeiti in the <b>ARS</b> international 1990 seed list (ARS 1990, p10).</p> <p><b>1991:</b> Pukeiti accession 1975-205 is alive in 1991 (PRT 1955-1995a).</p> <p><b>1997:</b> Pukeiti has two accessions, in Covered Way zones CW2 and CW3 (PRT 1997b, p3).</p> <p><b>2000:</b> In the Binney, Cullinane, Pukeiti collections (Smith EW 2000, p5).</p> <p><b>2005:</b> Accessions 1975-205 and 1979-205b alive at Pukeiti (PRT 2005a, p33).</p> <p><b>2008:</b> Accession 1975-205 was still alive (PRT 2008b, p3).</p> <p><b>2013:</b> Offered for sale by <b>PPM</b> (PRT 2013, Plant List, p1).</p> <p><b>2017:</b> In the Pukeiti collection (TRC2017a, p12).</p> <p>2021: Name added/updated in the Ngā Tipu o Aotearoa – Plant Names Database (<a href="#">PND</a>).</p>
Blue = public domain documents provided in Appendix One	
Green = non-public domain documents provided in Appendix Two	
Yellow = sales offering	
Cultivated forms	None listed in Argent (2015)
Subspecies and botanical varieties	None listed in Argent (2015), <a href="#">POWO</a> , or <a href="#">GBIF</a>

*R. inconspicuum* J.J.Sm. (1915)

Pukeiti 1975205 [I. Gordon ex NZRA]



Upper 01 December 2010, lower 11 December 2009 (Images: M. MacKay)

14. *Rhododendron intranervatum*

Name	<i>Rhododendron intranervatum</i>
Authority	Sleumer (1961)
Synonyms	None in Argent 2015, <a href="#">POWO</a> , or <a href="#">GBIF</a>
Origin	Indonesia (Borneo), Malaysia (Borneo)
Biological characteristics	Evergreen shrub to 40 cm, with large yellow flowers. Full description in Argent (2015, pp319-320). A 2006 description is found in the <a href="#">Edinburgh Rhododendron Monographs</a> .
Evidence	<p><b>1984:</b> <i>R. intranervatum</i> [Snell, ex Kew] is listed in the “Additions to vireya list August 1984” at Pukeiti (PRT 1984, p1).</p> <p><b>1991:</b> Seed [ARS90-67] sown at Pukeiti on 27 March 1991 (PRT 1985-1992, p94 back).</p> <p><b>1997:</b> <i>R. intranervatum</i> was received as part of an import from Edinburgh Botanic Garden, under NZ permit 34928 (The Scottish Office 1997, p2).</p> <p><b>1997:</b> Pukeiti had accession S97-118, which is crossed out in the 2005 list so may have died by then (PRT 2005a, p44).</p> <p><b>1998 May:</b> Cuttings from Edinburgh Botanic Garden [ED1962-2876] are in the nursery at Pukeiti, accession 1997-118 (PRT 1998c, p9).</p> <p><b>1998:</b> Collected by Binney/Brown in 1998 from Sarawak (NZRA 2003a, p31).</p> <p><b>1999:</b> Binney has flowered this species in NZ (Binney 1999, p87).</p> <p><b>2000:</b> In the Binney and Cullinane collections (Smith EW 2000, p5).</p> <p><b>2001:</b> Accession 1997-118 is alive at Pukeiti (PRT 2001c, p17).</p> <p><b>2008:</b> Pukeiti has accession 2007-101 (PRT 2008b, p3).</p> <p><b>2017:</b> In the Pukeiti collection (TRC2017a, p12).</p> <p><b>2021:</b> Name added/updated in the Ngā Tipu o Aotearoa – Plant Names Database (<a href="#">PND</a>).</p>
Evidence notes	Material collected from Sarawak by Binney, and grown on at Edinburgh Botanic Garden, is vouchered at <a href="http://data.rbge.org.uk/herb/E00328619">http://data.rbge.org.uk/herb/E00328619</a> (undated). This likely corresponds to material sent to Pukeiti.
Cultivated forms	None listed in Argent (2015)
Subspecies and botanical varieties	None listed in Argent (2015), <a href="#">POWO</a> , or <a href="#">GBIF</a>

*R. intranervatum* Sleumer (1961)

Pukeiti 2007101 [Currie ex Binney]



Upper picture 04 September 2012 (Image: M. MacKay)

Lower picture, Edinburgh Botanic Garden. Downloaded 10 February 2020 from  
<https://data.rbge.org.uk/search/livingcollection/?eti=rhododendron+intranervatum&cfq=livcol.cfg>

15. *Rhododendron kawakamii*

Name	<i>Rhododendron kawakamii</i>
Authority	Hayata (1911)
Synonyms	<i>R. taiwanianum</i> S.S.Ying (1976) is listed as a synonym in <a href="#">POWO</a> . <i>R. kawakamii</i> Hayata var. <i>flaviflorum</i> Liu & H.Chuang (1960) is listed as a synonym by Argent (2015, p40), but accepted as a variety by <a href="#">GBIF</a> .
Origin	Taiwan
Biological characteristics	Evergreen shrub to 1.5 m with small, saucer-shaped, yellow flowers. Full description is found in Argent (2015, pp40-41). A 2006 description is found in the <a href="#">Edinburgh Rhododendron Monographs</a> .
Evidence	<p>1971: Wild collected material RV9816 (<i>kawakamii</i> hybrid) imported from Rhododendron Venture in 1971 (NZRA 1971, p57).</p> <p>1973: Imported by Pukeiti from the Species Foundation [SF 73.152] in 1973 (Smith 1979, p24; PRT 1972-73).</p> <p>1973: Pukeiti has accession 1973-392 [RSF, 73-152] (PRT 1955-1995a).</p> <p>1976: Seed sown at Pukeiti in March 1976 [ARS 76-Needham] (PRT 1969-1988, p85).</p> <p>1979: The accession imported from the RSF in 1973 is growing at Pukeiti (Smith 1979, p24).</p> <p>1982: Offered for sale in the <a href="#">NZRA</a> 1982 plant list (NZRA 1981, p33).</p> <p>1983: Offered for sale by <a href="#">PPM</a> (PRT 1983a, p7).</p> <p>1983: Offered for sale by <a href="#">Riverwood Nurseries</a> and in collections Pukeiti and NZRA (Smith 1983, p19).</p> <p>1984: Pukeiti had <i>R. kawakamii</i> yellow [Patrick R.V. Taiwan] (PRT 1984b, p2).</p> <p>1987: In cultivation in NZ (Smith EW 1987, p2).</p> <p>1991: Accession 1973-392 is alive at Pukeiti (PRT 1995-1995a).</p> <p>1997: Pukeiti had a plant of <i>R. taiwanianum</i>, accession 1973-392 (mis-spelt as <i>taiwanense</i>), from the Species Foundation, in Covered Way zone CW6b (PRT 1997b, p7).</p> <p>2000: In the Binney, Blumhardt, Cullinane, Currie, Pukeiti collections (Smith EW 2000, p5).</p> <p>2008: Accession 1973-392 is alive at Pukeiti (PRT 2008b, p3).</p> <p>2017: In the Pukeiti collection (TRC2017a, p13).</p> <p>2021: Name added/updated in the Ngā Tipu o Aotearoa – Plant Names Database (<a href="#">PND</a>).</p>
Blue = public domain documents provided in Appendix One	
Green = non-public domain documents provided in Appendix Two	
Yellow = sales offering	
Cultivated forms	None listed in Argent (2015)
Subspecies and botanical varieties	None listed in Argent (2015) or <a href="#">POWO</a> ; <i>R. kawakamii</i> var. <i>flaviflorum</i> Liu & H.Chuang is accepted in <a href="#">GBIF</a>

*R. kawakamii* Hayata (1911)

Pukeiti 1973392 [Species Foundation, USA, plant]



Photographs 08 December 2017, leaf and pod sample 14 February 2012 (Images: M. MacKay)



16. *Rhododendron laetum*

Name	<i>Rhododendron laetum</i>
Authority	J.J.Sm. (1914)
Synonyms	<i>R. uliginosum</i> J.J.Sm. (1914) is listed as a synonym in <a href="#">POWO</a> and <a href="#">GBIF</a>
Name notes	The taxon described in 1914 <i>R. laetum</i> J.J.Sm. (1914) is <u>not</u> a synonym for <i>R. zoelleri</i> Warb. (1908). The taxon described in 1936 <i>R. laetum</i> J.J.Sm. (1936) <u>is</u> a synonym for <i>R. zoelleri</i> Warb. (1908).
Origin	Indonesia (New Guinea)
Biological characteristics	Evergreen shrub to 3 m with large yellow, trumpet-shaped flowers. Full description in Argent (2015, pp353-354). A 2006 description is found in the <a href="#">Edinburgh Rhododendron Monographs</a> .
Evidence	<p><b>1975:</b> Pukeiti has accessions 1975-217 [E. Perrott] and 1975-217b (PRT 1955-1995a).  <b>1976:</b> Pukeiti had accession MS271d [Felix Jury] potted in the nursery, while in 1977 Pukeiti had accession MS217c [Ken White, Parva Plants] in the display house (PRT 1955-1995b).  <b>1983:</b> In the Pukeiti and Isel Park collections (Smith 1983, p20).  <b>1985:</b> Offered for sale by <b>PPM</b> (PRT 1985a, p11).  <b>1987:</b> In cultivation in NZ (Smith EW 1987, p2).  <b>1989:</b> Propagated at Pukeiti (PRT 1989-1993, p17).  <b>1990:</b> Listed by Palmer (1990, p178) who records “species and cultivars grown and offered by production nurseries operating in the North and South Islands of New Zealand” (Palmer 1990, p1).  <b>1991:</b> Offered for sale by Pukeiti in the 1991 <b>ARS</b> international seed list “Lot 90-09” (ARS 1991, p18).  <b>1992:</b> Offered for sale by Pukeiti in the 1992 <b>ARS</b> international seed list (ARS 1992, p25).  <b>1997:</b> Successfully grown in NZ (Kenyon &amp; Walker 1997, p17).  <b>1997:</b> Pukeiti has two accessions, one each in Covered Way zone CW6c and in outdoor zone K7 (PRT 1997b, p4).  <b>1999:</b> Offered for sale by <b>Mark Jury Nursery</b> (Gaddum 1999a, p247).  <b>2000:</b> In the Binney, Blumhardt, Cullinane, Currie, Kenyon, Pukeiti collections (Smith EW 2000, p6).  <b>2000:</b> Offered for sale by <b>Jury</b> in 2000 (Jury 2000, p8).  <b>2001:</b> Offered for sale by <b>Jury</b> (Jury 2001, p3).  <b>2001:</b> Offered for sale by <b>Johnson’s Plants Ltd, Mark Jury Nursery, Model Nurseries Ltd, Te Puna Cottage Gardens</b> (Gaddum 2001, p235).  <b>2004:</b> Pukeiti obtained accession 2004-234 [Currie ex Adams] (PRT 2008b, p4).  <b>2004:</b> Offered for sale by <b>PPM</b> (PRT 2004 Plant List, p2).  <b>2005:</b> Accession 1975-217 and 1975-217b alive at Pukeiti (PRT 2005a, p34).  <b>2007:</b> Pukeiti obtained accession 2007-109 [Currie ex Adams] (PRT 2008b, p4).  <b>2008:</b> Accessions alive at Pukeiti are 1975-217 (PRT 2008b, p3) and 2008-126 [Currie, 2000, Black &amp; Wood form], 2004-234 [Currie ex Adams], 2007-109 [Currie ex Adams], 2008-145 [Currie, ex Kenyon], 2008-143 [Currie ex Kings 2001], 2008-126 [Currie, 2000] (PRT 2008b, p4).  <b>2010:</b> Offered for sale by <b>PPM</b> in 2010 (PRT 2010 Plant List, p3).  <b>2012:</b> Offered for sale by <b>PPM</b> in 2012 (PRT 2012 Plant List, p4).  <b>2017:</b> In the Pukeiti collection (TRC2017a, p14).  <b>2021:</b> Name added/updated in the Ngā Tipu o Aotearoa – Plant Names Database (<a href="#">PND</a>).</p>
Evidence notes	Excluded from the main evidence base are two herbarium samples (AK227992, AK230148) collected from Manurewa Botanical Gardens and placed in Auckland Museum herbarium ( <a href="#">AVH</a> ), databased as “ <i>Rhododendron laetum</i> × <i>R. zoelleri</i> J.J.Sm.”.
Cultivated forms	None listed in Argent (2015)
Subspecies and botanical varieties	None listed in Argent (2015), <a href="#">POWO</a> , or <a href="#">GBIF</a>

*R. laetum* J.J.Sm. (1914)

Pukeiti 2008145 [Currie ex Kenyon, KY0298]



All images 01 December 2010 (Images: M. MacKay)

17. *Rhododendron lanceolatum*

Name	<i>Rhododendron lanceolatum</i>
Authority	Ridl. (1912)
Synonyms	<i>R. partitum</i> J.J.Sm. (1935) in <a href="#">POWO</a> and <a href="#">GBIF</a>
Origin	Indonesia (Borneo), Malaysia (Borneo)
Biological characteristics	Evergreen shrub to 1.2 m, with scaly leaves and white flowers. Full description in Argent (2015, pp317-318). A 2006 description is found in the <a href="#">Edinburgh Rhododendron Monographs</a> .
Evidence	<p><b>1990</b>: Collected by Keith Adams in North Sarawak (Adams 1990, p2; NZRA 2003a, p30), and introduced to Pukeiti in 1990 (Argent 2015, p318). Adams collected this 1990 material from 6000ft on Batu Lawei in Sarawak (Adams 2003, p2).</p> <p><b>1990</b>: Pukeiti has accession 1990-221 [Adams, A6905, Sarawak] which was alive in 2008 (PRT 2008b, p4).</p> <p><b>1990</b>: Propagated at Pukeiti (PRT 1989-1993, p17).</p> <p><b>1992</b>: Imported from Sarawak [Batu Lawei] by Keith Adams (permit 31287) (PRT 1992b).</p> <p><b>1999</b>: Keith Adams observed a grafted plant of <i>R. lanceolatum</i> at the Binney [Binney] collection (Adams 1999, p5).</p> <p><b>2000</b>: In the Binney, Cullinane, Pukeiti collections (Smith EW 2000, p6).</p> <p><b>2002</b>: D. Binney sent an herbarium sample to Canberra [CANB 651204.1] from a site in Tauranga (<a href="#">AVH</a>).</p> <p><b>2005</b>: Pukeiti accession 2005-187 [Currie, 2001] which was alive in 2008 (PRT 2008b, p4).</p> <p><b>2008</b>: Pukeiti accessions 1990-221 [Adams A6905], 2005-187 [Currie 2001] and 2008-154 [Currie, 2000] are alive in 2008 (PRT 2008b, p4).</p> <p><b>2017</b>: In the Pukeiti collection (TRC 2017a, p14).</p> <p>2021: Name added/updated in the Ngā Tipu o Aotearoa – Plant Names Database (<a href="#">PND</a>).</p>
Evidence notes	Adams ( <b>1996a, p4</b> ) notes that he collected <i>R. lanceolatum</i> from Batu Lawei, Sarawak, but does not say which year. The year is confirmed as 1990 in Adams ( <b>2003, p2</b> ).
Cultivated forms	None listed in Argent (2015)
Subspecies and botanical varieties	None listed in Argent (2015), <a href="#">POWO</a> , or <a href="#">GBIF</a>

*R. lanceolatum* Ridl. (1912)

Pukeiti 2008154 [Currie]



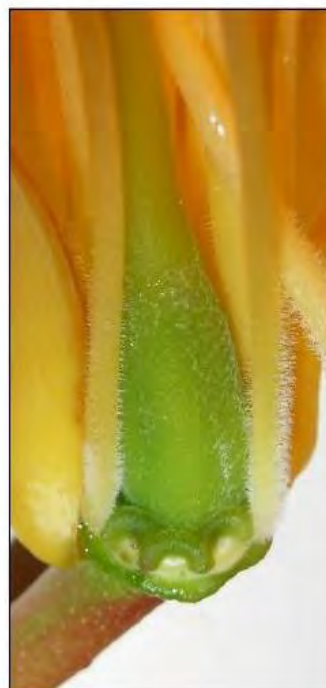
Flower pictures 11 December 2010, leaf picture 17 April 2015 (Images: M. MacKay)

18. *Rhododendron lowii*

Name	<i>Rhododendron lowii</i>
Authority	Hook.f. (1852)
Synonyms	None in Argent (2015), <a href="#">POWO</a> , or <a href="#">GBIF</a>
Origin	Malaysia (Borneo)
Biological characteristics	Evergreen shrub or small tree to 10 m, with large leaves and large yellow funnel-shaped flowers. Full description is in Argent (2015, pp324-325). A 2006 description is found in the <a href="#">Edinburgh Rhododendron Monographs</a> .
Evidence	<p><b>1980</b>: Pukeiti has accession 1980-235 [Adams AD01/80, Mt Kinabalu 1980] (PRT 1955-1995a).</p> <p><b>1983</b>: Imported into Australia from Pukeiti (Withers 1991, p18).</p> <p><b>1985</b>: Is very slow growing in the Blumhardt collection (Blumhardt 1985, p2).</p> <p><b>1987</b>: In cultivation in NZ (Smith EW 1987, p2).</p> <p><b>1991</b>: Accession Adams AD01/80 propagated at Pukeiti (PRT 1989-1993, p18).</p> <p><b>1993</b>: <i>R. lowii</i> [Adams AD01/80, Kinabalu] is alive at Pukeiti (PRT 1955-1995a) and is growing in the Perrott House (PRT 1993b, p1).</p> <p><b>1997</b>: Accession Adams 01/80 is in Perrott House zone P4 at Pukeiti (PRT 1997b, p4).</p> <p><b>1998 March</b>: Plant donated to Pukeiti by D. Binney (PRT 1998b).</p> <p><b>1998</b>: Offered for sale by <b>PPM</b> (PRT 1998a, p30).</p> <p><b>1999</b>: Offered for sale by <b>Brown's Nursery</b>, Tauranga (Gaddum 1999b, p24).</p> <p><b>2000</b>: In the Binney, Currie, Pukeiti collections (Smith EW 2000, p6).</p> <p><b>2000</b>: Offered for sale by <b>PPM</b> (PRT 2000a, p4).</p> <p><b>2001</b>: In the Clark collection, Dunedin (Clark 2001, p49).</p> <p><b>2001</b>: Offered for sale by <b>Brown's Nursery</b>, Tauranga (Gaddum 2001, p235).</p> <p><b>2002</b>: Brooker describes the flowering of <i>R. lowii</i> at Pukeiti (Brooker 2002).</p> <p><b>2003</b>: Binney refers to growing wild collected material (Binney 2003, p113).</p> <p><b>2003</b>: After 22 years of cultivation, <i>R. lowii</i>, collected from Mt Kinabalu by Keith Adams, flowered at Pukeiti (Smith 2003b, p201).</p> <p><b>2004</b>: Offered for sale by <b>PPM</b> in 2004 (PRT 2004 Plant List, p2).</p> <p><b>2005</b>: Flowered in the Clark collection in Dunedin (Clark &amp; Clark 2005, pp7-11).</p> <p><b>2005</b>: Pukeiti accession 1980-235 was alive in the collection (PRT 2005a, p34).</p> <p><b>2008</b>: Pukeiti accessions 1980-235 and 2005-195 are alive at Pukeiti (PRT 2008b, p4).</p> <p><b>2017</b>: In the Pukeiti collection (TRC2017a, p15).</p> <p>2021: Name added/updated in the Ngā Tipu o Aotearoa – Plant Names Database (<a href="#">PND</a>).</p>
Evidence notes	<p>This species was collected by Keith Adams in 1980 from Mt Kinabalu, South Sarawak (<a href="#">NZRA 2003a, p29</a>; <a href="#">The Rover 1992, p13</a>; <a href="#">Adams 1996a, p1</a>). The notes in the Pukeiti card file (<a href="#">PRT 1955-1995a</a>) indicate that this is the source of accession <i>R. lowii</i> [Adams AD01-80] received at Pukeiti in 1980, which is growing in the Perrot House at Pukeiti in 1993 (<a href="#">PRT 1993b, p1</a>). It is likely the same plant which Smith describes as collected by Keith Adams from Mt Kinabalu and which flowered for the first time in cultivation at Pukeiti in 2003 (<a href="#">Smith 2003, p201</a>).</p> <p>The species was also collected by Os Blumhardt from Mt Kinabalu in 1979 (<a href="#">NZRA 2003a, p28</a>) and again in 1983 (<a href="#">Ballard 2006, p37</a>). This is consistent with Argent's comment that the species was introduced several times to NZ by Blumhardt (Argent 2015, p323), although Argent does not state any years.</p>
Cultivated forms	None listed in Argent (2015)
Subspecies and botanical varieties	None listed in Argent (2015), <a href="#">POWO</a> , or <a href="#">GBIF</a>

*R. lowii* Hook.f. (1852)

Pukeiti 1980235 [Adams, AD 01/80, Mt Kinabalu 10,000ft, Borneo]



Upper left 04 April 2008, flower detail 09 March 2011, flowers 19 March 2010 (Images: M. MacKay)

19. *Rhododendron luraluense*

Name	<i>Rhododendron luraluense</i>
Authority	Sleumer (1935)
Synonyms	None in Argent (2015), <a href="#">POWO</a> , or <a href="#">GBIF</a>
Origin	PNG (Bougainville Island)
Biological characteristics	Evergreen shrub or small tree to 9 m, with tubular white flowers. Full description is in Argent (2015, pp369-370). A 2006 description is found in the <a href="#">Edinburgh Rhododendron Monographs</a> .
Evidence	<p><b>1984</b>: Pukeiti has accession 1984-236 [Womersley seed from Bougainville, ex Snell, Australia] (PRT 1955-1995a). The same accession is listed in the 1984 “Additions to Vireya list” (PRT 1984b, p1).</p> <p><b>1985</b>: Seed from J. Rouse sown at Pukeiti (PRT 1985-1992, p1).</p> <p><b>1986</b>: <i>R. luraluense</i> [collected by Crutwell from Bougainville August 1986] listed for permit 27831 from PNG in 1986 (PRT 1986b, p1).</p> <p><b>1994</b>: Offered for sale by Pukeiti on the 1994 <b>ARS</b> international seed list (ARS 1994, p3).</p> <p><b>1995</b>: Offered for sale by Pukeiti on the 1995 <b>ARS</b> Seed Exchange (ARS 1995b, p29).</p> <p><b>1996</b>: Offered for sale by <b>PPM</b> (PRT 1996, p12).</p> <p><b>1997</b>: <i>R. ‘Luraluensis’</i> offered for sale by <b>Jury</b> in 1997 (Gaddum 1997, p284).</p> <p><b>1997</b>: Pukeiti has an accession [ex Snell] in Covered Way zone CW7c (PRT 1997b, p4).</p> <p><b>1997</b>: Successfully grown in NZ (Kenyon &amp; Walker 1997, p17).</p> <p><b>1998</b>: Offered for sale by <b>PPM</b> (PRT 1998a, p30).</p> <p><b>1999</b>: Offered for sale by <b>PPM</b> (PRT 1999, p7).</p> <p><b>2000</b>: In the Binney, Blumhardt, Cullinane, Currie, Pukeiti collections (Smith EW 2000, p6).</p> <p><b>2000</b>: Offered for sale by <b>Jury</b> in 2000 (Jury 2000, p10) and <b>PPM</b> (PRT 2000, p4).</p> <p><b>2001</b>: Offered for sale by <b>Jury</b> (Jury 2001, p3).</p> <p><b>2004</b>: Offered for sale by <b>PPM</b> (PRT 2004 Plant List, p2).</p> <p><b>2008</b>: Accession 1984-236 is alive at Pukeiti (PRT 2008b, p4).</p> <p><b>2015</b>: Offered for sale by <b>Container Nurseries</b> in 2015, although mis-spelt as ‘luvaluense’ (Container Nursery 2015).</p> <p><b>2017</b>: In the Pukeiti collection (TRC2017a, p15).</p> <p><b>2021</b>: Offered for sale by <b>Container Nurseries</b>, although mis-spelt as ‘luvaluense’ <a href="http://www.containernurseries.co.nz/resultSearch.php">http://www.containernurseries.co.nz/resultSearch.php</a>.</p> <p>2021: Name added/updated in the Ngā Tipu o Aotearoa – Plant Names Database (<a href="#">PND</a>).</p>
Cultivated forms	None described by Argent (2015)
Subspecies and botanical varieties	ssp. <i>whitmorei</i> Argent (2006) was described by Argent (2015, p370) and is listed by <a href="#">POWO</a> and <a href="#">GBIF</a> . However, this taxon is not currently known to be in New Zealand.

*R. luraluense* Sleumer (1935)

Pukeiti 1984236 [Snell ex Womersley, Bougainville]



Upper picture 20 March 2009, sample picture 23 June 2011  
(Images: M. MacKay)



20. *Rhododendron maius*

Name	<i>Rhododendron maius</i>
Authority	(J.J.Sm.) Sleumer (1960)
Synonyms	<i>R. carringtoniae</i> F.Muell. var. <i>maius</i> J.J.Sm. (1917) in <a href="#">GBIF</a>
Name notes	Orthographic variant <i>R. majus</i> . Argent (2015, p208 and the note on p209) explains why he believes <i>R. majus</i> is the correct spelling. However, the Taxonomic Names Resolution Service ( <a href="https://tnrs.biendata.org/">https://tnrs.biendata.org/</a> ), <a href="#">POWO</a> , and <a href="#">GBIF</a> list <i>R. maius</i> as the preferred spelling.
Origin	Indonesia (New Guinea), PNG
Biological characteristics	Evergreen shrub to 2 m, with long, trumpet-shaped, white flowers held in clusters. Full description found in Argent (2015, pp208-209). A 2006 description is found in the <a href="#">Edinburgh Rhododendron Monographs</a> .
Evidence	<p><b>1983</b>: Pukeiti had accession 1983-240 [Smith, 5883, Mt Gahavisukar PNG, 1983] which was alive in 1990 (PRT 1955-1995b) but it later died (PRT 1955-1995a).</p> <p>1984: <i>R. maius</i> [Smith, PNG, Goroka, 1983] is at Pukeiti (PRT 1984b, p1).</p> <p><b>1988</b>: Accessions propagated at Pukeiti were <i>R. maius</i> Mt Gahavisukar (PRT 1988a, p2) and <i>R. maius</i> (PRT 1988a, p4,9).</p> <p><b>1986</b>: Pukeiti is growing N. Crutwell's form of <i>R. maius</i> (Smith 1986a, p4).</p> <p><b>1998 January 25</b>: Binney has plants available for Pukeiti (Binney 1998a).</p> <p><b>1998</b>: Offered for sale by <b>PPM</b> in 1998 (PRT 1998a, p30).</p> <p><b>1998 March</b>: D. Binney donated a plant to Pukeiti which was accessioned as 1998-104 (Binney 1998a; PRT 1998d) which was alive in 2005 (PRT 2005a, p45).</p> <p><b>1999</b>: Offered for sale in February 1998 by <b>PPM</b> (PRT 1999, p7).</p> <p><b>2000</b>: In the Binney, Cullinane, Currie, Pukeiti collections (Smith EW 2000, p6).</p> <p><b>2000</b>: Offered for sale by <b>Jury</b> (as <i>R. majus</i>, Jury 2000, p10) and by <b>PPM</b> (as <i>R. maius</i>, PRT 2000a, p4).</p> <p><b>2001</b>: Accession 1998-104 is alive at Pukeiti (PRT 2001c, p10).</p> <p><b>2005</b>: Pukeiti accession 2005-201 [Currie ex USA, 2003] which was alive in 2008 (PRT 2008b, p4).</p> <p><b>2007</b>: Pukeiti accession 2007-113 [Currie] which was alive in 2008 (PRT 2008b, p4).</p> <p><b>2008</b>: Pukeiti accession 2008-140 [Currie ex Binney, 2003] was alive in 2008 (PRT 2008b, p4).</p> <p><b>2012</b>: Offered for sale by <b>PPM</b> (as <i>R. majus</i>, PRT 2012 Plant List, p5).</p> <p><b>2017</b>: In the Pukeiti collection (as <i>R. majus</i>, TRC2017a, p16).</p> <p>2019: Photographed in collection 114 (see next page).</p> <p>2021: Name added/updated in the Ngā Tipu o Aotearoa – Plant Names Database (<a href="#">PND</a>).</p>
Evidence notes	<p>Plant material of <i>R. maius</i> was collected from the wild by G. Smith in PNG in 1983 (<a href="#">Smith 1984a, p43</a>; <a href="#">NZRA 2003b, p47</a>). This is the likely source of Pukeiti accession 1983-240 [Smith 5883, Mt Gahavisukar, PNG] (<b>PRT 1955-1995b</b>) noted above.</p> <p>In 1990 Pukeiti propagated an accession written as “mauis Mt Gah 7500ft” which is likely to be this taxon (<b>PRT 1989-1993, p19</b>).</p>
Cultivated forms	None listed in Argent (2015)
Subspecies and botanical varieties	None listed in Argent (2015), <a href="#">POWO</a> , or <a href="#">GBIF</a>

*R. maius* (J.J.Sm.) Sleumer (1960)

Collection 114



All images 02 December 2019 (Images: M. MacKay)

21. *Rhododendron malayanum*

Name	<i>Rhododendron malayanum</i>
Authority	Jack (1822)
Synonyms	<i>R. malayanum</i> var. <i>axillare</i> J.J.Sm. (1919) is a synonym according to Argent (2015, p132), but Chamberlain et al. (1996, p40) and <a href="#">GBIF</a> accept this as a separate variety. <i>Rhododendron fuscum</i> Blume (1863-65) according to <a href="#">GBIF</a> . <i>Rhododendron tubiflorum</i> DC. (1839) according to Chamberlain et al. (1996, p65), <a href="#">POWO</a> , and <a href="#">GBIF</a> . <i>Vireya tubiflora</i> Blume (1826) according to Argent (2015, p132), <a href="#">POWO</a> , and <a href="#">GBIF</a> . <i>Azalea malayana</i> (Jack) Kuntze (1891) according to Chamberlain et al. (1996, p4), <a href="#">POWO</a> , and <a href="#">GBIF</a> . <i>Azalea tubiflora</i> Blume ex DC. (1839) according to Chamberlain et al. (1996, p5), <a href="#">POWO</a> , and <a href="#">GBIF</a> .
Name notes	Argent (2015), Chamberlain et al. (1996), <a href="#">POWO</a> and <a href="#">GBIF</a> vary with respect to the synonyms that they list.
Origin	Thailand (the extreme south), Malaysia (Peninsula, Borneo), Indonesia (Borneo, Sumatra, Java, Sulawesi, Maluku).
Biological characteristics	Evergreen shrub or small tree to 5 m, with narrow leaves and small, red, tubular flowers. Full description is found in Argent 2015, pp132-135). A 2006 description is found in the <a href="#">Edinburgh Rhododendron Monographs</a> .
Evidence	<p><b>Blue</b> = public domain documents provided in Appendix One</p> <p><b>Green</b> = non-public domain documents provided in Appendix Two</p> <p><b>Yellow</b> = sales offering</p> <p><b>1979</b>: Pukeiti had accession MS 241c, no year given, [John Rouse, Australia, cuttings] which was in the propagation house in 1979 but later died (PRT 1955-1995b).  <b>1983</b>: <i>R. malayanum</i> held in collection at Pukeiti (Smith 1983, p23).  <b>1984</b>: Seed collected by Keith Adams [AD02 Gunong Murud, Borneo] was sown at Pukeiti (PRT 1969-1988, p93 back). Two Adams collections are at Pukeiti (PRT 1984b, p1).  <b>1990</b>: Pukeiti propagated two accessions of <i>R. malayanum</i> (PRT 1989-1993, pp19-20).  <b>1990</b>: Pukeiti has accession 1990-241a [Adams, A79013, Bunga Buah, Malayan Pen. 1990] which was alive in 1993 (PRT 1955-1995a) and in 2008 (PRT 2008b, p4).  <b>1990</b>: Pukeiti also had accession 1990-241c [Blumhardt, ex Snell, grafted plant] (PRT 1955-1995b).  <b>1992</b>: Accession 1990-241a, written as VS 241a-90, was propagated at Pukeiti (PRT 1989-1993, p20).  <b>1999</b>: Binney collected a White Flower Form from Mt Berumput in Sarawak and it flowered in his collection (Binney 1999, p87).  <b>2000</b>: In the Binney, Blumhardt, Cullinane, Pukeiti collections (Smith EW 2000, p6).  <b>2002</b>: A herbarium sample [CANB 651207.1] was collected by D. Binney from a site in Tauranga and sent to Canberra (<a href="#">AVH</a>).  <b>2008</b>: Accession 1990-241a is alive at Pukeiti (PRT 2008b, p4).  <b>2012</b>: Offered for sale by <b>PPM</b> (PRT 2012 Plant List, p5).  <b>2017</b>: In the Pukeiti collection (TRC2017a, p16).  <b>2021</b>: Name added/updated in the Ngā Tipu o Aotearoa – Plant Names Database (<a href="#">PND</a>).</p>
Evidence notes	<p>Keith Adams is documented as making several wild collections of <i>R. malayanum</i>, including from Malayan Peninsula in 1986 (<a href="#">Adams 2003, p2</a>; <a href="#">NZRA 2003a, p29</a>), from Gunong Hijau, Malayan Peninsula in 1990 (<a href="#">Adams 2003, p3</a>; <a href="#">NZRA 2003a, p30</a>) and from Belaga in Central Sarawak in 2000 (<a href="#">Adams 2003, p3</a>). These collections are the likely source of accession 1990-241 [Adams A79018] at Pukeiti (<a href="#">PRT 2008b, p4</a>).</p> <p>In 1997 Moyles sent to Pukeiti seed from the Farbarik/Helm expedition to Celebes (<a href="#">Moyles 1997</a>); however, it is not clear if these seed resulted in any extant plants.</p>
Cultivated forms	None listed in Argent (2015)
Subspecies and botanical varieties	Argent (2015, pp132-135), Chamberlain et al. (1996, p40), and <a href="#">GBIF</a> list several varieties; <a href="#">POWO</a> does not. <i>R. malayanum</i> var. <i>pubens</i> was recorded in NZ in the Binney collection ( <a href="#">Smith EW 2000, p6</a> ).

## *R. malayanum* Jack (1822)

Pukeiti 1990241 [Adams A79013, Gunong Bunga Buah, Malaysia]



Upper left flower 15 October 2010, whole plant December 2007, lower flower picture 20 March 2009  
(Images: M. MacKay)

22. *Rhododendron maxwellii*

Name	<i>Rhododendron maxwellii</i>
Authority	Gibbs (1914)
Synonyms	None in Argent (2015), <a href="#">POWO</a> , or <a href="#">GBIF</a>
Name notes	<i>R. maxwellii</i> Millais (1924) (non Gibbs 1914) is a different taxon; it is a synonym of <i>R. ×pulchrum</i> Sweet
Origin	Malaysia (Borneo)
Biological characteristics	Evergreen shrub to 2 m, with pale yellow flowers. Full description in Argent (2015, p321). A 2006 description is found in the <a href="#">Edinburgh Rhododendron Monographs</a> .
Evidence	<p><b>1980</b>: Seed from George Argent [GA100, mossy forest, Kinabalu, Mesilau east] sown at Pukeiti on 26 May 1980 (PRT 1969-1988, p88 back).</p> <p><b>1988</b>: The Argent accession from Borneo, and an accession with no source noted, were propagated at Pukeiti (PRT 1988a, p3,9).</p> <p><b>1989</b>: The Argent accession from Borneo was propagated at Pukeiti (PRT 1989-1993, p19).</p> <p><b>1992</b>: Accession 1980-242, written then as VS242-80, was propagated at Pukeiti (PRT 1989-1993, p20).</p> <p><b>1993</b>: Accession 1995-169 growing in the Perrott House at Pukeiti (PRT 1993b, p1).</p> <p><b>1995</b>: Pukeiti has accession 1995-169 [Binney, grafted plant] (PRT 1955-1995a).</p> <p><b>1997</b>: Pukeiti has accession 1996-169 [Binney] in the pot nursery (PRT 1997b, p5).</p> <p><b>1998 May</b>: A plant is in the tunnel house in the Pukeiti nursery (PRT 1998c, p4).</p> <p><b>2000</b>: In the Blumhardt, Cullinane, Pukeiti collections (Smith EW 2000, p6).</p> <p><b>2004</b>: Offered for sale by <b>PPM</b> (PRT 2004 Plant List, p2).</p> <p><b>2004</b>: Flowered for the first time, after 20 years in cultivation, in the Richard Currie collection in New Zealand (Argent 2015, p321).</p> <p><b>2008</b>: Accession 1995-169 is alive at Pukeiti (PRT 2008b, p4).</p> <p><b>2017</b>: In the Pukeiti collection (TRC2017a, p17).</p> <p><b>2018</b>: Four plants of accession 1995-169 are in the Pukeiti nursery (TRC 2018 lines 1191-1194).</p> <p>2021: Name added/updated in the Ngā Tipu o Aotearoa – Plant Names Database (<a href="#">PND</a>).</p>
Evidence notes	Two early wild collections of <i>R. maxwellii</i> are excluded from the main evidence because they do not state that material was brought to NZ and successfully propagated: collected by Os Blumhardt from Mt Kinabalu in 1979 ( <a href="#">NZRA 2003a, p28</a> ), although this could be the material reported in the Blumhardt collection in 2000 (Smith EW 2000, p6), and by Keith Adams from Malayan Peninsula in 1986 ( <a href="#">Adams 2003, p2</a> ; <a href="#">NZRA 2003a, p29</a> ).
Cultivated forms	None listed in Argent (2015)
Subspecies and botanical varieties	None listed in Argent (2015), <a href="#">POWO</a> , or <a href="#">GBIF</a>

*R. maxwellii* Gibbs (1914)  
Pukeiti 1995169 [Binney]



Flower 18 February 2008, ovary detail 07 August 2011, leaf 01 October 2012 (Images: M. MacKay)

23. *Rhododendron micromalayanum*

Name	<i>Rhododendron micromalayanum</i>
Authority	Sleumer (1973)
Synonyms	None in Argent (2015), <a href="#">POWO</a> , or <a href="#">GBIF</a>
Origin	Malaysia (Borneo)
Biological characteristics	Evergreen shrub to 1.2 m with scaly narrow leaves and small tubular pinkish-red flowers. Full description found in Argent (2015, p137). A 2006 description is found in the <a href="#">Edinburgh Rhododendron Monographs</a> .
Evidence	<p><b>1979:</b> Pukeiti had accession MS241c [Rouse, cutting] in the quarantine house; however, that material later died (PRT 1955-1995b).</p> <p><b>1990:</b> <i>R. micromalayanum</i> [Bunga Buah] propagated at Pukeiti in 1990 (PRT 1989-1993, p20).</p> <p><b>1992:</b> Imported from Sarawak [Batu Lawei] by Keith Adams (permit 31287) (PRT 1992b).</p> <p><b>1992:</b> Pukeiti has accession 1992-397 [Adams, A92-109, Borneo] which was alive in 1993 (PRT 1955-1995a).</p> <p><b>1992:</b> Accession <i>R. micromalayanum</i> [A92-109] was propagated at Pukeiti (PRT 1989-1993, p20).</p> <p><b>1993:</b> Accession 1992-397 [Adams, A92-109] growing in the Perrott House at Pukeiti (PRT 1993b, p1).</p> <p><b>1997:</b> Accession 1992-397 [Adams 92-109], written then as S92-397, is in Perrott House zone P5 at Pukeiti (PRT 1997b, p5).</p> <p><b>2000:</b> In the Binney, Pukeiti collections (Smith EW 2000, p6).</p> <p><b>2004:</b> Offered for sale by <b>PPM</b> (PRT 2004 Plant List, p2).</p> <p><b>2008:</b> Accessions 1992-397 [Adams AD02109, Borneo] and White Form 2005-191 [Currie, 2001] are alive at Pukeiti (PRT 2008b, p4).</p> <p><b>2012:</b> Offered for sale by <b>PPM</b>, also the White Form (PRT 2012 Plant List, p5).</p> <p><b>2017:</b> In the Pukeiti collection (TRC2017a, p17).</p> <p><b>2018:</b> White Form offered for sale by <b>PPM</b> (PRT 2018 Plant List, p1).</p> <p><b>2021:</b> Name added/updated in the Ngā Tipu o Aotearoa – Plant Names Database (<a href="#">PND</a>).</p>
Evidence notes	<p><i>R. micromalayanum</i> was collected by Keith Adams in North Sarawak in 1990 (<a href="#">NZRA 2003a, p30</a>). <a href="#">Adams (1996a, p3)</a> notes that he collected the species from Batu Lawei, Sarawak, and <a href="#">Adams (2003, p2)</a> states it was 1990. These 1990 collections have not resulted in any known living accessions; however, Adams' 1992 expedition to Sarawak (<a href="#">PRT 1992b</a>) is the likely source of accession 1992-237 [Adams A92-109] that was propagated at Pukeiti in 1992 (<a href="#">PRT 1989-1993, p20</a>), and which was recorded in the Perrot House at Pukeiti in 1993 (<a href="#">PRT 1993b, p1</a>).</p> <p>In both NZRA (2003a, p29) and Adams (2003, p2) it is stated that Keith Adams collected this species from Peninsula Malaya in 1984; however, <i>R. micromalayanum</i> only comes from Sarawak on Borneo (Argent 2015, p137). It is likely that Adams made an error and listed an incorrect species name (the similarly named <i>R. malayanum</i> does come from Peninsula Malaya and it is likely that Adams mixed up the names), this error was then repeated by NZRA (2003).</p>
Cultivated forms	None listed by Argent (2015)
Subspecies and botanical varieties	None listed by Argent (2015), <a href="#">POWO</a> , or <a href="#">GBIF</a>

## *R. micromalayanum* Sleumer (1973)

Pukeiti 1992397 [Adams A02109, Borneo]

An Auckland collection



Bud 30 April 2011, plant and pink flowers 01 October 2012, White Flower Form Auckland October 2009 (Images: M. MacKay)



24. *Rhododendron orbiculatum*

Name	<i>Rhododendron orbiculatum</i>
Authority	Ridl. (1912)
Synonyms	None in Argent (2015), <a href="#">POWO</a> , or <a href="#">GBIF</a>
Origin	Malaysia (Borneo), Brunei, Indonesia (Borneo, Sulawesi)
Biological characteristics	Evergreen shrub or small tree to 4 m, with long tubular white or pinkish flowers. Full description found in Argent (2015, pp316-317). A 2006 description is found in the <a href="#">Edinburgh Rhododendron Monographs</a> .
Evidence	<p><b>1979:</b> Pukeiti had accession 1979-264 [J. Rouse, cuttings, Borneo] (PRT 1955-1995a).  <b>1980:</b> Seed of Adams A180 sown at Pukeiti on 1 May 1980 (PRT 1969-1988, p88).  <b>1983:</b> Held in collection at Pukeiti (Smith 1983, p27).  <b>1984:</b> <i>R. orbiculatum</i> [Rouse] is at Pukeiti (PRT 1984b, p1).  <b>1988:</b> Offered for sale by <b>PPM</b> (PRT 1988b, p9).  <b>1989:</b> Pukeiti had accession 1989-264b [Adams, A 89006, Bukit Lumut Sarawak, cuttings] which was alive in 1991 (PRT 1955-1995a).  <b>1989:</b> Has flowered in Keith Adams garden in New Plymouth (Adams 1989, p6).  <b>1989-1992:</b> Propagated at Pukeiti in 1989, 1990, 1991, 1992 (PRT 1989-1993, p22).  <b>1990:</b> Offered for sale by <b>PPM</b> (PRT 1990, p10).  <b>1992:</b> Imported from Sarawak by Keith Adams (permit 31287) in 1992 (PRT 1992b).  <b>1993:</b> Offered for sale by <b>Jury</b> in 1993 (Jury 1993, p10).  <b>1997:</b> Pukeiti has accession 1989-264b [Adams 89-006 Bukit Lumut] in Covered Way zone CW2 (PRT 1997b, p5).  <b>1998:</b> Collected by Binney/Brown in 1998 from Sarawak (NZRA 2003a, p31).  <b>1999:</b> Binney reports that he collected <i>R. orbiculatum</i> in 1998 and it flowered in his collection (Binney 1999, p86).  <b>2000:</b> In the Binney, Blumhardt, Cullinane, Currie, Kenyon, Pukeiti collections (Smith EW 2000, p6).  <b>2001:</b> In the Clark collection in Dunedin (Clark 2001, p50).  <b>2001:</b> Accessions 1979-264 [Rouse] and 1989-264b [A1989-006] are alive at Pukeiti (PRT 2001c, p6,12).  <b>2004:</b> Pukeiti accession 2004-113 [Currie] which was alive in 2008 (PRT 2008b, p5).  <b>2005:</b> Pukeiti accessions 1979-264 and 1989-264b were alive in 2005 (PRT 2005a, p35).  <b>2008:</b> Pukeiti accessions 2004-113 [Currie] and 2008-144 [Currie ex Kenyon, 1999] are alive at Pukeiti (PRT 2008b, p5).  <b>2017:</b> Alive at Pukeiti (TRC 2017b, screenshot 10 January).  <b>2021:</b> Name added/updated in the Ngā Tipu o Aotearoa – Plant Names Database (<a href="#">PND</a>).</p>
Evidence notes	<p>Keith Adams made several wild collections, only one of which appears to have resulted in any successful propagation of material in NZ. These are: wild collected from Mt Mulu, North Sarawak, in 1980 (<a href="#">Adams 2003, p2</a>; <a href="#">Adams 1996a, p2</a>; <a href="#">NZRA 2003a, p29</a>), from Malayan Peninsula in 1984 (<a href="#">Adams 2003, p2</a>; <a href="#">NZRA 2003a, p29</a>), from Bukit Lumut in Central Sarawak in 1989 (<a href="#">Adams 2003, p2</a>; <a href="#">NZRA 2003a, p29</a>). The Sarawak material of 1989 is probably the source of Pukeiti accession 1989-249b [Adams A89-006, Bukit Lumut, Sarawak] which was alive in 1991 (<a href="#">PRT 1955-1995a</a>).</p> <p><a href="#">Binney (1986, p86)</a> refers to Keith Adams collecting this species from North Sarawak, and Os Blumhardt collecting it from Mt Kinabalu in Borneo; however no indication of years is given.</p> <p>This taxon was also reported as collected by Smith in 1992 from Vietnam (NZRA 2003a, p30); however, this is clearly an error as the taxon does not come from that country.</p>
Cultivated forms	None in Argent (2015)
Subspecies and botanical varieties	None in Argent (2015), <a href="#">POWO</a> , or <a href="#">GBIF</a>

*R. orbiculatum* Ridl. (1912)

Collection 114



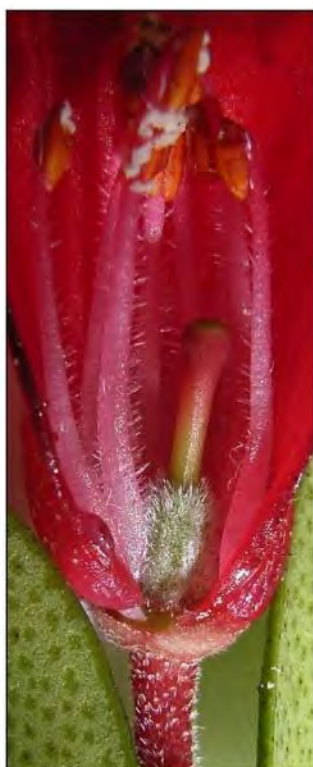
All images 02 June 2012 (Images: M. MacKay)

25. *Rhododendron pauciflorum*

Name	<i>Rhododendron pauciflorum</i>
Authority	King & Gamble (1905)
Synonyms	<i>R. elegans</i> Ridl. (1908) in <a href="#">POWO</a> and <a href="#">GBIF</a> ; <i>R. calocodon</i> Ridl. (1914) in <a href="#">POWO</a> ; <i>R. pauciflorum</i> var. <i>calocodon</i> (Ridl.) Sleumer (1960) in Argent (2015, p226) and Chamberlain et al. (1996, p48).
Name notes	<a href="#">POWO</a> gives the year of publication as 1905, whereas <a href="#">GBIF</a> states 1906. The year of publication is 1905, but the volume was issued January 1906.
Origin	Malaysia (Peninsula)
Biological characteristics	Evergreen shrub to 2 m, with small leaves and small red tubular flowers. Full description is found in Argent (2015, pp226-227). A 2006 description is found in the <a href="#">Edinburgh Rhododendron Monographs</a> .
Evidence	<p><b>1983</b>: Held in collection Pukeiti (Smith 1983, p28).</p> <p><b>1984</b>: Pukeiti had accession 1984-272a [Adams, Gunong Brinchang, Malaya 1984, cuttings] (PRT 1955-1995a). The Adams Brinchang collection is also list in PRT (1984b, p1).</p> <p><b>1985</b>: Offered for sale by <b>PPM</b> (PRT 1985a, p11).</p> <p><b>1986</b>: Growing at Pukeiti (Smith 1986a, p4).</p> <p><b>1989</b>: Propagated at Pukeiti (PRT 1989-1993, p23).</p> <p><b>1992</b>: Propagated at Pukeiti (PRT 1989-1993, p24).</p> <p><b>1994</b>: Flowers well in the Cullinane collection (Cullinane 1994, p53).</p> <p><b>1995</b>: Offered for sale by D. Binney on the 1995 <b>ARS</b> international Vireya Vine seed list (ARS 1995a, p5).</p> <p><b>1998 March</b>: Plant sold by D. Binney to Pukeiti on 30 March 1998 (PRT 1998b).</p> <p><b>1998</b>: In the Pukeiti 'Nursery Under Cover' in May 1998 (PRT 1998c, p4).</p> <p><b>1998</b>: Offered for sale by <b>PPM</b> (PRT 1998a, p30).</p> <p><b>1999</b>: Offered for sale by <b>PPM</b> (PRT 1999, p7).</p> <p><b>2000</b>: In the Binney, Blumhardt, Cullinane, Currie, Pukeiti collections (Smith EW 2000, p6).</p> <p><b>2000</b>: Offered for sale by <b>PPM</b> (PRT 2000a, p4).</p> <p><b>2003</b>: Growing at Pukeiti (Smith 2003a, p16).</p> <p><b>2005</b>: Accession 1984-272 is alive at Pukeiti (PRT 2005a, p35).</p> <p><b>2008</b>: Accession 1984-272 [Adams, Gunong Brinchang, Malaya] is alive at Pukeiti (PRT 2008b, p5).</p> <p><b>2017</b>: Alive at Pukeiti (TRC 2017b, screenshot 10 January).</p> <p><b>2018</b>: In the Pukeiti nursery (TRC 2018, lines 1303-1307).</p> <p>2021: Name added/updated in the Ngā Tipu o Aotearoa – Plant Names Database (<a href="#">PND</a>).</p>
Evidence notes	Collected by Keith Adams from Peninsula Malaya in 1984 and from Gunong Brinchang in Peninsula Malaya in 1986 ( <b>Adams 2003, p2</b> ). The 1984 material is the probable source of accession 1984-272a at Pukeiti ( <b>PRT 1955-1995a</b> ).
Cultivated forms	None listed in Argent (2015)
Subspecies and botanical varieties	None listed in Argent (2015) or <a href="#">POWO</a> ; <i>R. pauciflorum</i> var. <i>calocodon</i> (Ridl.) Sleumer (1960) is an accepted variety in <a href="#">GBIF</a> and is also listed as an accepted variety by Chamberlain et al. (1996 p48).

*R. pauciflorum* King & Gamble (1905)

Pukeiti 1984272 [Adams, Gunong Brinchang, Malaysia, cuttings]



Whole plant December 2007, flowers and leaves 11 December 2009, flower detail 01 December 2010  
(Images: M. MacKay)

26. *Rhododendron rarum*

Name	<i>Rhododendron rarum</i>
Authority	Schltr. (1918)
Synonyms	None in Argent (2015), <a href="#">POWO</a> , or <a href="#">GBIF</a>
Origin	Indonesia (West New Guinea), PNG
Biological characteristics	Evergreen shrub to 1.5 m with cascading habit, narrow leaves, and tubular red flowers. Full description is found in Argent (2015, pp96-97). A 2006 description is found in the <a href="#">Edinburgh Rhododendron Monographs</a> .
Evidence	<p><b>1976</b>: Pukeiti had accession 1976-305 [E. Boswell, cutting] which was alive in 1991 (PRT 1955-1995a).</p> <p><b>1978</b>: Pukeiti had accession 1978-305a [Philipson, 3708, PNG, near Mt Hagan] which was alive in 1991 (PRT 1955-1995b).</p> <p><b>1979</b>: Collected from PNG by Prof WR and Dr Melva Philipson (NZRA 2003a, p28).</p> <p><b>1985</b>: Offered for sale by <b>PPM</b> (PRT 1985a, p11).</p> <p><b>1986</b>: Growing at Pukeiti (Smith 1986a, p4).</p> <p><b>1987</b>: Wild collected plants alive in the Blumhardt collection at Koromiko Nursery (Ballard 2015, p39).</p> <p><b>1987</b>: In cultivation in NZ (Smith EW 1987, p3).</p> <p><b>1988</b>: Propagated at Pukeiti (PRT 1988a, p3).</p> <p><b>1996</b>: Offered for sale by <b>PPM</b> (PRT 1996, p12).</p> <p><b>1996</b>: Smith (1996 p3,6) describes growing <i>R. rarum</i> at Pukeiti.</p> <p><b>1997</b>: Pukeiti has accession 1976-305 in Covered Way zone CW6c (PRT 1997b, p6).</p> <p><b>1999</b>: In the Clark collection in Dunedin (Clark 1999, p71).</p> <p><b>2000</b>: In the Binney, Cullinane, Pukeiti collections (Smith EW 2000, p7).</p> <p><b>2003</b>: Grows in a hanging basket at Pukeiti (Smith 2003a, p7; Smith 2003b, p201).</p> <p><b>2008</b>: Accession 1976-305 is alive at Pukeiti (PRT 2008a, p5).</p> <p><b>2010</b>: Te Papa image specimen from Pukeiti (<a href="#">SP089657</a>).</p> <p><b>2012</b>: Offered for sale by <b>PPM</b> (PRT 2012 Plant List, p5).</p> <p><b>2017</b>: In the Pukeiti collection (TRC2017a, p21).</p> <p><b>2021</b>: Name added/updated in the Ngā Tipu o Aotearoa – Plant Names Database (<a href="#">PND</a>).</p>
Evidence notes	Excluded from the main evidence base is a <i>R. rarum</i> hybrid GFS016.13 collected in PNG by G. Smith in 1986 ( <a href="#">Smith 1987b, p58</a> ). Another <i>R. rarum</i> hybrid [Smith, Mt Yakopimanda, 1983] was also at Pukeiti in 1984 ( <a href="#">PRT 1984b, p2</a> ).
Cultivated forms	None listed in Argent (2015)
Subspecies and botanical varieties	None listed in Argent (2015), <a href="#">POWO</a> , or <a href="#">GBIF</a>

*R. rarum* Schltr. (1918)

Pukeiti 1976305 [E. Boswell, cutting]



Upper picture 19 February 2008  
Lower picture 22 March 2014  
(Images: M. MacKay)

27. *Rhododendron retivenium*

Name	<i>Rhododendron retivenium</i>
Authority	Sleumer (1960)
Synonyms	None in Argent (2015), <a href="#">POWO</a> , or <a href="#">GBIF</a> . Chamberlain et al. (1996) lists <i>R. brookeanum</i> Stapf non Low ex Lindl. (1894)
Origin	Malaysia (Borneo)
Biological characteristics	Evergreen shrub or small tree to 6 m, with narrow leaves and large yellow flowers. Full description found in Argent (2015, pp321-323). A 2006 description is found in the <a href="#">Edinburgh Rhododendron Monographs</a> .
Evidence	<p>1979: Wild collected by Os Blumhardt in 1979 (Blumhardt 1985, p2; Kenyon &amp; Walker 1997, p32; NZRA 2003a, p28).</p> <p>1981: Pukeiti had accession 1981-307 [Blumhardt, Mt Kinabalu, Borneo 1981] (PRT 1955-1995a).</p> <p>1981: Pukeiti had accession 1981-308, which has bigger leaves than 1981-307 (PRT 1955-1995a).</p> <p>1983: Imported into Australia from Pukeiti (Withers 1991, p12).</p> <p>1985: Has flowered in the Blumhardt collection (Blumhardt 1985, p2).</p> <p>1990: Propagated at Pukeiti (PRT 1989-1993, p26).</p> <p>1991: Propagated at Pukeiti (PRT 1989-1993, p27).</p> <p>1992: Offered for sale by Pukeiti in the 1992 <a href="#">ARS</a> international seed list (ARS 1992, p25).</p> <p>1993: Offered for sale by <a href="#">Jury</a> in 1993 (Jury 1993, p10).</p> <p>1993: Accession 1981-307 [Blumhardt, Mt Kinabalu, Borneo] growing in the Perrott House at Pukeiti (PRT 1993b, p1).</p> <p>1995: Pukeiti offered seed for sale on the 1995 <a href="#">ARS</a> international Vireya seed list (ARS 1995a, p5).</p> <p>1998: Offered for sale by <a href="#">PPM</a> (PRT 1998a, p30).</p> <p>1998 January: Binney has plants available for Pukeiti (Binney 1998a).</p> <p>1998 March: <i>R. retivenium</i> Mt Kinabalu plant donated to Pukeiti by D. Binney (PRT 1998b).</p> <p>1998: In the Pukeiti 'Nursery Under Cover' (PRT 1998c, p4).</p> <p>1999: Offered for sale by <a href="#">Brown's Nursery</a>, Tauranga (Gaddum 1999b, p25).</p> <p>2000: In the Binney, Blumhardt, Cullinane, Currie, Kenyon, Pukeiti collections (Smith EW 2000, p7).</p> <p>2001: Offered for sale by <a href="#">Brown's Nursery</a>, Tauranga (Gaddum 2001, p235), as "<i>R. retivenum</i>" (orth. error).</p> <p>2003: <i>R. retivenium</i> is a vigorous grower at Pukeiti (Smith 2003b, p201) and is the best yellow in cultivation (Smith 2003a, p14).</p> <p>2003: Offered for sale by <a href="#">PPM</a> (PRT 2003a Plant List, p2).</p> <p>2004: Offered for sale by <a href="#">PPM</a> (PRT 2004 Plant List, p2).</p> <p>2005: Accession 1981-307 is alive at Pukeiti (PRT 2005a, p36).</p> <p>2008: Pukeiti has accessions 2001-307 [Blumhardt, Large Form, wild collected] and 2001-308 [Blumhardt, Small Form, wild collected] (PRT 2008b, p5).</p> <p>2015: Offered for sale by <a href="#">PPM</a> (PRT 2015 Plant List, p1).</p> <p>2017: In the Pukeiti collection (TRC2017a, p22).</p> <p>2021: Name added/updated in the Ngā Tipu o Aotearoa – Plant Names Database (<a href="#">PND</a>).</p>
Cultivated forms	None listed in Argent (2015)
Subspecies and botanical varieties	None listed in Argent (2015), <a href="#">POWO</a> , or <a href="#">GBIF</a>

*R. retivenium* Sleumer (1960)

Pukeiti 1981307 [Blumhardt, Mt Kinabalu, Borneo]



Bud (upper left) 01 December 2010, whole plant December 2007, flower truss 19 December 2009  
(Images: M. MacKay)



28. *Rhododendron rhodopus*

Name	<i>Rhododendron rhodopus</i>
Authority	Sleumer (1960)
Synonyms	Argent (2015, p339) states that <i>R. rhodopus</i> Sleumer (1960) is a synonym of <i>R. bloembergenii</i> . <a href="#">POWO</a> agrees with that synonymy. However, the two are treated as separate species by <a href="#">GBIF</a> , currently followed by the <a href="#">PND</a> .
Origin	Indonesia (Sulawesi)
Biological characteristics	Evergreen shrub or tree to 3 m, with white, tubular flowers. Full description is found in Argent (2015, pp338-339). A 2006 description is found in the <a href="#">Edinburgh Rhododendron Monographs</a> .
Evidence	<p><b>Blue</b> = public domain documents provided in Appendix One</p> <p><b>Green</b> = non-public domain documents provided in Appendix Two</p> <p><b>1996:</b> <i>R. rhodopus</i> collected by Keith Adams from G. Sesian 5000ft in Central Sulawesi in 1996 (Adams 2003, p3; NZRA 2003a, p31). This expedition appears to be the source of the plants given to Pukeiti by Binney in 2001 (see below).</p> <p><b>1996:</b> <i>R. rhodopus</i> collected by Adams and Farbarik in 1996 (Binney 2003, p111).</p> <p><b>1997:</b> <i>R. rhodopus</i> seed from the Farbarik/Helm expedition to Celebes sent to Pukeiti by Bill Moyles (Moyles, 1997).</p> <p><b>2001:</b> <i>R. rhodopus</i> [seed, Rantemario, Sulawesi 8000ft], and <i>R. rhodopus</i> [G. Sesian, Keith Adams] given to Pukeiti by D. Binney in 2001 (PRT 2001b, p1).</p> <p><b>2001:</b> Pukeiti <i>R. rhodopus</i> accession 2001-138 [Binney] which was alive in 2008 (PRT 2008b, p5).</p> <p><b>2002:</b> An herbarium sample of <i>R. rhodopus</i> [CANB 651209.1] collected by D. Binney from a site in Tauranga and sent to Canberra (<a href="#">AVH</a>).</p> <p><b>2003:</b> The <i>R. rhodopus</i> plants collected by Adams in 1996 flowered in cultivation (Binney 2003, p111).</p> <p><b>2005:</b> Pukeiti <i>R. rhodopus</i> accession 2005-189 [Currie, 2002] which was alive in 2008 (PRT 2008b, p5).</p> <p><b>2008:</b> <i>R. rhodopus</i> 2001-138 [Binney] and <i>R. rhodopus</i> 2005-189 [Currie 2002] are alive at Pukeiti (PRT 2008b, p5).</p> <p><b>2017:</b> In the Pukeiti collection listed as <i>R. bloembergenii</i> (TRC2017a, p3) with <i>R. rhodopus</i> listed as a syn. (TRC2017a, p22).</p> <p>2021: Name added/updated in the Ngā Tipu o Aotearoa – Plant Names Database (<a href="#">PND</a>).</p>
Evidence notes	<p>If <i>R. bloembergenii</i> is accepted as a synonym, then the following are also relevant:</p> <ul style="list-style-type: none"> <li><i>R. bloembergenii</i> was introduced to cultivation in NZ by Keith Adams in 1996 (<a href="#">Argent 2015, p339</a>).</li> <li>In 2003 <i>R. bloembergenii</i> was supplied to Olinda Garden, Melbourne, by David Binney (<a href="#">McAlister 2004, p54</a>).</li> </ul>
Cultivated forms	None listed in Argent (2015)
Subspecies and botanical varieties	None listed in Argent (2015), <a href="#">POWO</a> , or <a href="#">GBIF</a>

*R. rhodopus* Sleumer (1960)

Pukeiti 2005189 [Currie, plant]



Flower truss 02 November 2008, flower parts 22 March 2014, bud 01 December 2010, whole plant 2008 (Images: M. MacKay)

29. *Rhododendron rubineiflorum*

Name	<i>Rhododendron rubineiflorum</i>
Authority	Craven (1980)
Synonyms	<i>R. anagalliflorum</i> auct. non Wernham, Sleumer (1960) is listed by Argent (2015, p176).
Name notes	Orthographic error <i>R. rubiniflorum</i> Craven (1982) – see Argent (2015, p176).
Origin	Indonesia (New Guinea), PNG
Biological characteristics	Dwarf evergreen shrub to 20 cm, with tiny leaves and relatively large red flowers. Full description is found in Argent (2015, pp176-177). A 2006 description is found in the <a href="#">Edinburgh Rhododendron Monographs</a> .
Evidence	<p><b>1984</b>: Pukeiti had two forms of <i>R. rubineiflorum</i>, collected by Smith from Laiagam and Mt Giluwe, PNG in 1983 (PRT 1984b, p2).</p> <p><b>1986</b>: Plant material collected from PNG by Graham Smith [05722 Kaiap Lodge] in 1986 (NZRA 2003b, p47; Smith 1987b, p59), confirmed by Argent (2015, p177) who implied that it was introduced into cultivation in NZ that year (1986).</p> <p><b>1986</b>: Introduced to Pukeiti from PNG by Graham Smith (Bublitz 2014, p7).</p> <p><b>1986</b>: Growing at Pukeiti (Smith 1986a, p4).</p> <p><b>1986</b>: Pukeiti has accession 1986-389a [Smith, Kaiap orchid lodge PNG, cuttings, 1986] which was alive in 1993 (PRT 1955-1995a).</p> <p><b>1987</b>: Wild collected plants alive in the Blumhardt collection at Koromiko Nursery (Ballard 2015, p39).</p> <p><b>1987</b>: In cultivation in NZ (Smith EW 1987, p3).</p> <p><b>1990</b>: Flowered, for the first time in cultivation, at Pukeiti (Argent 2015, p177; Bublitz 2014, p7).</p> <p><b>1992</b>: Propagated at Pukeiti (PRT 1989-1993, p27).</p> <p><b>1995</b>: Offered for sale by Pukeiti in the 1995 <b>ARS</b> international Vireya seed list (ARS 1995a, p5).</p> <p><b>1998 May</b>: Four plants are in the Pukeiti nursery (PRT 1998c, p4).</p> <p><b>1998 November</b>: Growing at Pukeiti (Smith 1999, p6).</p> <p><b>2000</b>: Flowered in the Clark collection in Dunedin (Clark &amp; Clark 2000, p9).</p> <p><b>2000</b>: In the Binney, Cullinane, Pukeiti collections (Smith EW 2000, p7).</p> <p><b>2001</b>: In the Clark collection, Dunedin (Clark 2001, p47).</p> <p><b>2003</b>: <i>R. rubineiflorum</i> grows on a log at Pukeiti (Smith 2003a, p8; Smith 2003b, p200).</p> <p><b>2008</b>: Specimen planted in 1986, accession 1986-389 [Smith, GS 05722 Kaiap Lodge, PNG] was alive at Pukeiti (PRT 2008b, p6).</p> <p><b>2010</b>: Herbarium specimen collected by Tony Conlon from Pukeiti material, 22 June 2010, lodged at Edinburgh Botanic Garden herbarium. Record online at <a href="http://data.rbge.org.uk/herb/E00421417">http://data.rbge.org.uk/herb/E00421417</a>.</p> <p><b>2018</b>: In the Pukeiti nursery (TRC 2018, lines 1441-1442).</p> <p>2021: Name added/updated in the Ngā Tipu o Aotearoa – Plant Names Database (<a href="#">PND</a>).</p>
Cultivated forms	None listed in Argent (2015)
Subspecies and botanical varieties	None listed in Argent (2015), <a href="#">POWO</a> , or <a href="#">GBIF</a>

*R. rubineiflorum* Craven (1980)

Pukeiti 1986389 [Smith GS05722, Kaiap orchid lodge, PNG]



Flowers (upper) 05 December 2008 (Image: M. MacKay), whole plant 2005 (Image: A. Brooker)

30. *Rhododendron rugosum*

Name	<i>Rhododendron rugosum</i>
Authority	H.Low ex Hook.f. (1852)
Synonyms	None in Argent (2015), <a href="#">POWO</a> , or <a href="#">GBIF</a>
Origin	Malaysia (Borneo)
Biological characteristics	Evergreen shrub or small tree to 8 m, with scaly, rugose leaves, and tubular bright pink flowers. Full description is found in Argent (2015, pp309-310). A 2006 description is found in the <a href="#">Edinburgh Rhododendron Monographs</a> .
Evidence	<p><b>1979:</b> Pukeiti had accession 1979-321b [John Rouse, Australia, cuttings] (PRT 1955-1995a).</p> <p><b>1980:</b> Collected by Keith Adams in 1980 from Mt Kinabalu in South Sarawak (NZRA 2003a, p29; The Rover 1992, p13; Adams 1996a, p1). These Adams 1980 collections were the source of material accessioned by Pukeiti in 1980.</p> <p><b>1980:</b> Pukeiti had accession 1980-321 [Adams, AD02/80, Mt Kinabalu, Borneo 1980, cuttings] and accession 1980-322 [Adams, A156, seed, Mt Kinabalu, Borneo] (PRT 1955-1995a).</p> <p><b>1983:</b> Imported into Australia, from Pukeiti (Withers 1991, p9).</p> <p><b>1984:</b> Blumhardt has buds on his plant for the first time (Blumhardt 1985, p2).</p> <p><b>1986:</b> Offered for sale by <b>PPM</b> (PRT 1986, p9).</p> <p><b>1988:</b> Propagated at Pukeiti (PRT 1988a, p3).</p> <p><b>1989:</b> Propagated at Pukeiti in 1989 and 1990 were the Rouse accession 1979-321b [MS 321b-79], and one Adams accession 1980-321b [MS 321a-80 Adams] (PRT 1989-1993, p26).</p> <p><b>1991:</b> Seed of Adams [AD0290, Mt Kinabalu] sown at Pukeiti on 28 March 1991 (PRT 1985-1992, p94 yellow).</p> <p><b>1992:</b> Offered for sale by Pukeiti in the <b>ARS</b> international 1992 seed list (ARS 1992, p25).</p> <p><b>1992:</b> Accession 1980-321a [Adams] propagated at Pukeiti (PRT 1989-1993, p27).</p> <p><b>1993:</b> Accession Adams A02-80 growing in zone P4 in the Perrott House at Pukeiti (PRT 1993b, p1).</p> <p><b>1997:</b> Pukeiti has 3 accessions, one in each of Perrott House zone P4, Perrott House zone P7 and Covered Way zone CW6c (PRT 1997b, p6).</p> <p><b>2000:</b> In the Binney, Blumhardt, Cullinane, Currie, Pukeiti collections (Smith EW 2000, p7).</p> <p><b>2000:</b> Offered for sale by <b>PPM</b> (PRT 2000a, p4).</p> <p><b>2001:</b> In the Clark collection in Dunedin (Clark 2001, p49).</p> <p><b>2003:</b> <i>R. rugosum</i> takes longer to flower than <i>R. alborugosum</i> at Pukeiti (Smith 2003b, p201).</p> <p><b>2008:</b> Accessions 1979-321b, 1980321, and 1980-322 are at Pukeiti in 2008 (PRT 2008b, p6).</p> <p><b>2009:</b> Offered for sale by <b>PPM</b> (PRT 2009 Plant List, p3).</p> <p><b>2010:</b> Offered for sale by <b>PPM</b> (PRT 2010 Plant List, p4).</p> <p><b>2014:</b> Large Leaf Form [Adams collection] and Small Leaf Form [Adams collection] offered for sale by <b>PPM</b> (PRT 2014 Plant List, p3).</p> <p><b>2015:</b> Offered for sale by <b>PPM</b> (PRT 2015 Plant List, p1).</p> <p><b>2017:</b> In the Pukeiti collection (TRC2017a, p22).</p> <p><b>2019:</b> Offered for sale by <b>PPM</b> (PRT 2019 Plant List, p1).</p> <p><b>2021:</b> Name added/updated in the Ngā Tipu o Aotearoa – Plant Names Database (<a href="#">PND</a>).</p>
Evidence notes	Two early collection records are excluded from the main evidence base because there is no explicit evidence for material being cultivated in NZ: collected from Mt Kinabalu, Borneo, by Os Blumhardt in 1979 ( <a href="#">Kenyon &amp; Walker 1997, p32; NZRA 2003a, p28</a> ) and again in 1983 ( <a href="#">Ballard 2006, p37; NZRA 2003a, p29</a> ). However, these expeditions are the likely source of a plant flowering for the first time in Blumhardt's collection in 1984 ( <a href="#">Blumhardt 1985, p2</a> ).
Cultivated forms	None listed in Argent (2015)
Subspecies and botanical varieties	var. <i>kinabulense</i> (Merr.) Argent (2006), synonym <i>R. rugosum</i> var. <i>laeve</i> Argent, A.L.Lamb & Phillipps (1988), is described by Argent (2015, p311) and listed on <a href="#">POWO</a> . However, this variety is not presently known in New Zealand. <a href="#">GBIF</a> accepts three varieties of <i>R. rugosum</i> : var. <i>coriifolium</i> (Sleumer) Sleumer (1964), var. <i>kinabaluense</i> (Merr.) Argent (2006), var. <i>laeve</i> Argent, A.L.Lamb & Phillipps (1984).

*R. rugosum* H.Low ex Hook.f. (1852)

Pukeiti 1980322 (east side pond) [Adams]



Flowers and leaves 15 October 2010, ovary 07 October 2011, leaf underside 04 September 2012  
(Images: M. MacKay)

31. *Rhododendron santapau*

Name	<i>Rhododendron santapau</i>
Authority	Sastry, Kataki, Pet.A.Cox, Pat.Cox & Hutchison (1969)
Synonyms	None in Argent (2015), <a href="#">POWO</a> , or <a href="#">GBIF</a>
Origin	India (Arunachal Pradesh)
Biological characteristics	Evergreen shrub to 1.5 m with small saucer-shaped white flowers. Full description found in Argent (2015, pp29-31). A 2006 description is found in the <a href="#">Edinburgh Rhododendron Monographs</a> .
Evidence  <b>Blue</b> = public domain documents provided in Appendix One  <b>Green</b> = non-public domain documents provided in Appendix Two  <b>Yellow</b> = sales offering	<p><b>1981</b>: Seed from John Rouse, Melbourne, sown at Pukeiti on 19 October 1981 (PRT 1969-1988, p89 back).</p> <p><b>1984</b>: Pukeiti had <i>R. santapau</i> [Rouse 1984] (PRT 1984b, p2).</p> <p><b>1987</b>: In cultivation in NZ (Smith EW 1987, p3).</p> <p><b>1997</b>: Imported into NZ from Edinburgh Botanic Garden, under NZ permit 34928 (The Scottish Office 1997, p2).</p> <p><b>1997</b>: Pukeiti had accession 1997-124 [Cox &amp; Hutchison] which was alive in 2001 (PRT 2001c, p17).</p> <p><b>1998</b>: Donated to Pukeiti by Mark Jury in September 1998 which became Pukeiti accession 1998-110 (PRT 1998d). Pukeiti had another accession which was unfortunately given the same accession number 1998-110 [Binney ex C&amp;H459 seed] which was alive in 2008 (PRT 2008b, p6).</p> <p><b>2000</b>: In the Binney, Currie collections (Smith EW 2000, p7).</p> <p><b>2001</b>: Pukeiti accession 2001-136 [Binney] which was alive in 2008 (PRT 2008b, p6).</p> <p><b>2001</b>: Accessions 1998-110 and 1997-124 are alive at Pukeiti (PRT 2001c, p11,17).</p> <p><b>2001</b>: In the Clark collection in Dunedin (Clark 2001, p47).</p> <p><b>2005</b>: Accessions 1997-124 and 1998-110 are alive at Pukeiti (PRT 2005a, p44,46).</p> <p><b>2008</b>: Accessions 2001-136 and 1998-110 were alive at Pukeiti (PRT 2008b, p6).</p> <p><b>2012</b>: Offered for sale by <b>PPM</b> (PRT 2012 Plant List, p6).</p> <p><b>2018</b>: In the Pukeiti nursery (TRC 2018, lines 1465-1466).</p> <p>2021: Name added/updated in the Ngā Tipu o Aotearoa – Plant Names Database (<a href="#">PND</a>).</p>
Cultivated forms	None in Argent (2015)
Subspecies and botanical varieties	None in Argent (2015), <a href="#">POWO</a> , or <a href="#">GBIF</a>

*R. santapau* Sastry et al. (1969)

Pukeiti 2001136 [Binney]



All images 18 February 2008 (Images: M. MacKay)



32. *Rhododendron searleanum*

Name	<i>Rhododendron searleanum</i>
Authority	Sleumer (1973)
Synonyms	<i>R. reevei</i> Argent (2003) in <a href="#">POWO</a>
Origin	Indonesia (New Guinea), Papua New Guinea
Biological characteristics	Evergreen shrub with long, tubular, white flowers. Full description is found in Argent (2015, pp79-80). A 2006 description is found in the <a href="#">Edinburgh Rhododendron Monographs</a> .
Evidence	<p><b>1986:</b> Pukeiti had accession 1986-396 [RSF 80/148, Boskoop, plant] (PRT 1955-1995a).</p> <p><b>1988:</b> Accession [RSF 80-148] propagated at Pukeiti (PRT 1988a, p2, p11).</p> <p><b>1989:</b> Accession 1986-396 growing in the Covered Way at Pukeiti (PRT 1989c, p4).</p> <p><b>1992:</b> Accession 1986-396 propagated at Pukeiti (PRT 1989-1993, p30).</p> <p><b>1992:</b> Seed of RBGE741176 sown at Pukeiti on 8 June 1992 (PRT 1985-1992, p98 back).</p> <p><b>1993:</b> Accession 1986-396 is in Covered Way zone CW7c at Pukeiti (PRT 1993b, p12).</p> <p><b>1997:</b> Pukeiti has accession 1986-396 in Covered Way zone CW7c (PRT 1997b, p6).</p> <p><b>2000:</b> In the Binney, Blumhardt, Pukeiti collections (Smith EW 2000, p7).</p> <p><b>2001:</b> Accession 1986-396 is alive at Pukeiti (PRT 2001c, p10).</p> <p><b>2003:</b> Supplied to Olinda Garden, Melbourne, by David Binney (McAlister 2004, p54).</p> <p><b>2004:</b> Offered for sale by <b>PPM</b> (PRT 2004 Plant List, p3).</p> <p><b>2005:</b> Accession 1986-396 is alive at Pukeiti (PRT 2005a, p36).</p> <p><b>2008:</b> Accessions 1986-396 [Species Foundation, USA] and 2008-170 [Currie, ex Binney 2001] were alive at Pukeiti (PRT 2008b, p6).</p> <p><b>2017:</b> In the Pukeiti collection (TRC2017a, p23).</p> <p><b>2021:</b> Name added/updated in the Ngā Tipu o Aotearoa – Plant Names Database (<a href="#">PND</a>).</p>
<p><b>Blue</b> = public domain documents provided in Appendix One</p> <p><b>Green</b> = non-public domain documents provided in Appendix Two</p> <p><b>Yellow</b> = sales offering</p>	
Cultivated forms	None listed by Argent (2015)
Subspecies and botanical varieties	None listed by Argent (2015), <a href="#">POWO</a> , or <a href="#">GBIF</a>

*R. searleanum* Sleumer (1973)

Pukeiti 1986396 [RSF 80/148, Boskoop]



All images 04 September 2012 (Images: M. MacKay)

33. *Rhododendron solitarium*

Name	<i>Rhododendron solitarium</i>
Authority	Sleumer (1963)
Synonyms	None in Argent (2015), <a href="#">POWO</a> , or <a href="#">GBIF</a>
Origin	PNG
Biological characteristics	Erect or sprawling, evergreen shrub to 1.5 m. Full description is found in Argent (2015, p122). A 2006 description is found in the <a href="#">Edinburgh Rhododendron Monographs</a> .
Evidence	<p><b>1976:</b> Pukeiti had accession 1976-338 [Kores, K10376, Bulldog Road, PNG, cuttings] (PRT 1955-1995a).</p> <p><b>1983:</b> Held in collection Pukeiti (Smith 1983, p34).</p> <p><b>1983:</b> Pukeiti had accession 1983-338a [Smith, GS6983, Mt Kaindi, PNG 1983, cutting] (PRT 1955-1995a).</p> <p><b>1987:</b> Held in NZ (Smith EW 1987, p3).</p> <p><b>1988:</b> Pukeiti had accession 1988-338 [Kores K10376 Bulldog Road, plant selfed by Graham Smith] (PRT 1955-1995a).</p> <p><b>1988:</b> Propagated at Pukeiti (PRT 1988a, p11).</p> <p><b>1989:</b> Offered for sale by Pukeiti on the <a href="#">ARS</a> international seed list (ARS 1989, p8).</p> <p><b>1989:</b> Propagated at Pukeiti (PRT 1989-1993, p28).</p> <p><b>1993:</b> Offered for sale by <a href="#">PPM</a> (PRT 1993a, p4).</p> <p><b>1994:</b> Offered for sale by Pukeiti on the <a href="#">ARS</a> international vireya seed list (ARS 1994, p3).</p> <p><b>1995:</b> Pukeiti offered seed for sale in the 1995 <a href="#">ARS</a> international vireya seed list (ARS 1995a, p4).</p> <p><b>1996:</b> Pukeiti had accession 1996-250 which was alive in 2005 (PRT 2005a, p42).</p> <p><b>1996:</b> Smith (1996, p7) describes growing <i>R. solitarium</i> at Pukeiti.</p> <p><b>1997:</b> Pukeiti has accession 'Smith 6983' in Covered Way zone CW7b and the accession 'Smith/Pukeiti selfed' in the pot nursery (PRT 1997b, p7).</p> <p><b>1999:</b> Offered for sale by <a href="#">Mark Jury Nursery</a> (Gaddum 1999a, p247).</p> <p><b>2000:</b> In the Binney, Blumhardt, Cullinane, Currie, Pukeiti collections (Smith EW 2000, p7).</p> <p><b>2001:</b> Offered for sale by <a href="#">Mark Jury Nursery</a> (Gaddum 2001, p236).</p> <p><b>2003:</b> Grows at Pukeiti (Smith 2003a, p11), indeed they have an introduction from the type locality (Smith 2003b, p200).</p> <p><b>2004:</b> Offered for sale by <a href="#">PPM</a> (PRT 2004 Plant List, p3).</p> <p><b>2008:</b> Accessions 1976-338, 1983-338, 1988-338b, and 1996-250 are alive at Pukeiti (PRT 2008b, p6).</p> <p><b>2010:</b> Offered for sale by <a href="#">PPM</a> (PRT 2010 Plant List, p4).</p> <p><b>2014:</b> <i>R. solitarium</i> 'Bulldog Road' offered for sale by <a href="#">PPM</a> (PRT 2014 Plant List, p3).</p> <p><b>2017:</b> Alive at Pukeiti (TRC 2017b, screenshot 10 January).</p> <p><b>2018:</b> Two plants of accession 1976-338 and three plants of accession 1983-338 are in the Pukeiti nursery (TRC 2018, lines 1497-1501).</p> <p><b>2021:</b> Name added/updated in the Ngā Tipu o Aotearoa – Plant Names Database (<a href="#">PND</a>).</p>
Evidence notes	<i>R. solitarium</i> was collected by the Philipsons from Mt Kaindi in PNG in 1968 ( <a href="#">Philipson 1969, p12</a> ), but no evidence has been found that shows the specimen was brought back to NZ and that it survived. Material collected wild by Graham Smith in PNG in 1983 ( <a href="#">NZRA 2003b, p47</a> ), was accessioned by Pukeiti in the same year ( <a href="#">PRT 1955-1995a</a> ).
Cultivated forms	None in Argent (2015)
Subspecies and botanical varieties	None in Argent (2015), <a href="#">POWO</a> , or <a href="#">GBIF</a>

*R. solitarium* Sleumer (1963)

Pukeiti 1976338 Bulldog Road Form [Kores, Bulldog Road, PNG]



All images 01 December 2010 (Images: M. MacKay)

34. *Rhododendron stapfianum*

Name	<i>Rhododendron stapfianum</i>
Authority	Hemsl. ex Prain (1911)
Synonyms	<i>R. lacteum</i> Stapf (1894) in <a href="#">POWO</a> and <a href="#">GBIF</a>
Name notes	<i>R. lacteum</i> Franch. (1886) is unrelated; it is an accepted species which originates in China.
Origin	Malaysia (Borneo), Indonesia (Borneo), Brunei
Biological characteristics	Evergreen shrub to 2 m, hairy all over, with long white tubular flowers. Full description is found in Argent (2015, p191). A 2006 description is found in the <a href="#">Edinburgh Rhododendron Monographs</a> .
Evidence	<p><b>1987</b>: In cultivation in NZ (Smith EW 1987, p3).</p> <p><b>1992</b>: Imported from Sarawak [Batu Lawei] by Keith Adams (permit 31287) in 1992 (PRT 1992b).</p> <p><b>1997</b>: Imported to NZ from Edinburgh Botanic Garden, under NZ permit 34928 (The Scottish Office 1997, p2).</p> <p><b>1997</b>: Pukeiti had accession 1997-127 [Argent] which was alive in 2001 (PRT 2001c, p17).</p> <p><b>2000</b>: In the Binney and Cullinane collections (Smith EW 2000, p7).</p> <p><b>2001</b>: Accession 1997-127 is alive at Pukeiti (PRT 2001c, p17).</p> <p><b>2001</b>: <i>R. stapfianum</i> [RBGE 1982-1522] given to Pukeiti by D. Binney in 2001 (PRT 2001b, p1).</p> <p><b>2004</b>: Offered for sale by <b>PPM</b> (PRT 2004 Plant List, p3).</p> <p><b>2005</b>: Accession 1997-127 is alive at Pukeiti (PRT 2005a, p45).</p> <p><b>2008</b>: Accession 2001-101 [Binney, ex Argent seed, Mt Kinabalu] is alive at Pukeiti (PRT 2008b, p6).</p> <p><b>2014</b>: Offered for sale by <b>PPM</b> (PRT 2014 Plant List, p3).</p> <p><b>2017</b>: In the Pukeiti collection (TRC2017a, p25).</p> <p><b>2018</b>: Offered for sale by <b>PPM</b> (PRT 2018 Plant List, p1).</p> <p><b>2021</b>: Name added/updated in the Ngā Tipu o Aotearoa – Plant Names Database (<a href="#">PND</a>).</p>
Evidence notes	<p>Keith Adams made several collections of <i>R. stapfianum</i>: collected from Mt Mulu in Sarawak in 1980 (<a href="#">Adams 1996a, p2</a>), collected from Mt Murud, North Sarawak in 1982 (<a href="#">Adams 1996a, p3</a>), collected from Mt Murud, North Sarawak in 1984 (<a href="#">Adams 2003, p2</a>; <a href="#">NZRA 2003a, p29</a>), collected from Batu Lawei in North Sarawak in 1992 (<a href="#">Adams 2003, p2</a>; <a href="#">NZRA 2003a, p30</a>). In 1984 Pukeiti recorded "<i>R. stapfianum?</i>" [Adams, Gunong Murud, 1984] (<a href="#">PRT 1984b, p2</a>).</p> <p>However, the best evidence that the species was brought back and propagated in NZ is the Adams 1992 collection associated with import permit 31287 (<a href="#">PRT 1992b</a>).</p>
Cultivated forms	None listed in Argent (2015)
Subspecies and botanical varieties	None listed in Argent (2015), <a href="#">POWO</a> , or <a href="#">GBIF</a>

*R. stapfianum* Hemsl. ex Prain (1911)

Pukeiti 2001101 [Binney ex Argent seed Mt Kinabalu, Borneo]



Flowers (upper) 18 February 2008, leaves 13 March 2012, ovary detail 09 March 2011  
(Images: M. MacKay)

35. *Rhododendron superbum*

Name	<i>Rhododendron superbum</i>
Authority	Sleumer (1960)
Synonyms	None given by Argent (2015), <a href="#">POWO</a> , or <a href="#">GBIF</a>
Name notes	This taxon is not <i>R. superbum</i> hort. ex Lavallee. Enum. Arbres. 156 nomen (1877)
Origin	Papua New Guinea, New Ireland. The distribution map shown on <a href="#">POWO</a> is incomplete; while the main distribution is PNG there are also records from New Ireland (Argent 2015, p93).
Biological characteristics	Evergreen shrub to 6 m with large white or pinkish flowers. Full description found in Argent (2015, pp93-95). A 2006 description is found in the <a href="#">Edinburgh Rhododendron Monographs</a> .
Evidence	<p><b>1983:</b> Held in collection at Pukeiti (Smith 1983, p35).</p> <p><b>1983:</b> Pukeiti had accession 1983-352a [Smith GS2983, Mt Miap, PNG, 1983, seedling [2008 list says cutting]] (PRT 1955-1995a).</p> <p><b>1983:</b> Pukeiti accession 1983-353 [Smith, GFS12717, Mt Gahavisukar, PNG, 1983, seed] (PRT 1955-1995a).</p> <p><b>1986:</b> <i>R. superbum</i> GFS009/13 collected in PNG by G. Smith (Smith 1987b, p58). Three accessions of <i>R. superbum</i> listed for import permit 27831 from PNG in 1986 (PRT 1986b, p1).</p> <p><b>1987:</b> Wild collected plants alive in the Blumhardt collection at Koromiko Nursery (Ballard 2015, p39).</p> <p><b>1987:</b> In cultivation in NZ (Smith EW 1987, p3).</p> <p><b>1989:</b> <i>R. superbum</i> [Mt Miap] propagated at Pukeiti (PRT 1989-1993, p28).</p> <p><b>1990:</b> <i>R. superbum</i> 1983-352c [12717] propagated at Pukeiti (PRT 1989-1993, p29).</p> <p><b>1992:</b> <i>R. superbum</i> 1983-352 propagated at Pukeiti (PRT 1989-1993, p30).</p> <p><b>1996:</b> Offered for sale by <b>PPM</b> (PRT 1996, p13).</p> <p><b>1997:</b> Mt Giluwe Form in the Clark collection in Dunedin, obtained from Michael Cullinane (Clark 1997, p43).</p> <p><b>1997:</b> Pukeiti had accessions Smith 12717 and Smith 2983 in the Covered Way CW7B and CW7C respectively (PRT 1997b, p7).</p> <p><b>2000:</b> In the Binney, Blumhardt, Cullinane, Currie, Kenyon, Pukeiti collections (Smith EW 2000, p7).</p> <p><b>2003:</b> Growing at Pukeiti (Smith 2003a, p6).</p> <p><b>2003:</b> Supplied to Olinda Garden, Melbourne, by Pukeiti (McAlister 2004, p53).</p> <p><b>2004:</b> Pukeiti had accession 2004-235 [Currie] (PRT 2008b, p6).</p> <p><b>2004:</b> Offered for sale by <b>PPM</b> (PRT 2004 Plant List, p3).</p> <p><b>2008:</b> Pukeiti accessions 2008-162 [Currie, 1999], 2004-235 [Currie], 1983-352 [Smith, Mt Miap, PNG], 1983-353 [Smith, Mt Gahavisukar, PNG] were alive in 2008 (PRT 2008b, p6).</p> <p><b>2010:</b> Offered for sale by <b>PPM</b> (PRT 2010 Plant List, p4).</p> <p><b>2017:</b> In the Pukeiti collection (TRC2017a, p25).</p> <p>2021: Name added/updated in the Ngā Tipu o Aotearoa – Plant Names Database (<a href="#">PND</a>).</p>
Evidence notes	Recorded as collected wild by Graham Smith in PNG in 1983 ( <a href="#">NZRA 2003b, p47</a> ), and the Pukeiti card file ( <a href="#">PRT 1955-1995a</a> ) indicates that this was the source of the material accessioned by Pukeiti also in 1983.
Cultivated forms	Several wild-collected forms are present in New Zealand. Mt Miap, Mt Giluwe, Mt Gahavisukar forms have all been recorded at various times.
Subspecies and botanical varieties	ssp. <i>ibele</i> Argent (2006) is described by Argent (2015, p95), and listed in <a href="#">POWO</a> and <a href="#">GBIF</a> . It is not presently known to be in New Zealand.

*R. superbum* Sleumer (1960)

Pukeiti 1983352 [Smith GS2983, Mt Miap, PNG]



Bud 05 December  
2008  
All others, 01  
December 2010  
(Images: M. MacKay)



36. *Rhododendron taxifolium*

Name	<i>Rhododendron taxifolium</i>
Authority	Merr. (1926)
Synonyms	None in Argent (2015), <a href="#">POWO</a> , or <a href="#">GBIF</a>
Origin	Philippines
Biological characteristics	Dwarf evergreen shrub to 1 m, with narrow, almost needle-like leaves and white campanulate flowers. Full description is found in Argent (2015, pp242-243). A 2006 description is found in the <a href="#">Edinburgh Rhododendron Monographs</a> .
Evidence	<p><b>1996:</b> Pukeiti had accession 1996-267 (PRT 2001c, p16; PRT 2005a, p37).</p> <p><b>1997:</b> Imported into NZ from Edinburgh Botanic Garden, under NZ permit 34928 (The Scottish Office 1997, p2).</p> <p><b>1997:</b> Pukeiti had accession 1997-130 [Argent] (PRT 2001c, p17; PRT 2005a, p45).</p> <p><b>1998:</b> Offered for sale by <b>PPM</b> in February 1998 (PRT 1998a, p30).</p> <p><b>1998 January:</b> Binney offers plants for sale, ex RBGE, to Pukeiti (Binney 1998a).</p> <p><b>1998 March:</b> Plant donated to Pukeiti by D. Binney on 30 March 1998 (PRT 1998b).</p> <p><b>1998 May:</b> Pukeiti has seven plants of accession 1996-267 <i>R. taxifolium</i> [Mt Pulag, Philippines], in the nursery (PRT 1998c, p3). Also present are 15 plants and one tray of seed of <i>R. taxifolium</i> [RBGE1992-2826] in the nursery at Pukeiti (PRT 1998c pp4-5).</p> <p><b>1998:</b> Pukeiti has accession 1998-101 given by Binney in Sept 1998, [Mt Pulag, Philippines, ex RBGE] (PRT 1998d).</p> <p><b>1998 November:</b> growing at Pukeiti (Smith 1999, p6).</p> <p><b>1999:</b> Offered for sale by <b>Brown's Nursery</b>, Tauranga (Gaddum 1999b, p24).</p> <p><b>2000:</b> In the Binney, Cullinane, Currie, Pukeiti collections (Smith EW 2000, p7).</p> <p><b>2000:</b> Offered for sale by <b>PPM</b> (PRT 2000a, p4).</p> <p><b>2001:</b> Accessions 1996-267, 1997-130, 1998-101 are alive at Pukeiti (PRT 2001c, p10, pp16-17).</p> <p><b>2001:</b> Pukeiti accession 2001-130 [Binney, ex Argent wild collected Mt Pulag, Philippines] which was alive in 2008 (PRT 2008b, p6).</p> <p><b>2001:</b> In the Clark collection in Dunedin (Clark 2001, p49).</p> <p><b>2001:</b> Offered for sale by <b>Brown's Nursery</b>, Tauranga (Gaddum 2001, p236).</p> <p><b>2003:</b> Growing at Pukeiti (Smith 2003a, p12).</p> <p><b>2005:</b> Pukeiti accessions 1998-101, 1996-267 and 1997-130 were alive in 2005 (PRT 2005a, p43,45).</p> <p><b>2008:</b> Offered for sale by <b>PPM</b> (PRT 2008a, p3).</p> <p><b>2010:</b> Te Papa image specimen from Pukeiti (<a href="#">SP089660</a>).</p> <p><b>2012:</b> Offered for sale by <b>PPM</b> (PRT 2012 Plant List, p6).</p> <p><b>2017:</b> In the Pukeiti collection (TRC2017a, p25).</p> <p><b>2018:</b> Five accessions are in the Pukeiti Nursery (TRC 2018 lines, 1564-1568).</p> <p><b>2021:</b> Name added/updated in the Ngā Tipu o Aotearoa – Plant Names Database (<a href="#">PND</a>).</p>
Cultivated forms	None in Argent (2015)
Subspecies and botanical varieties	None in Argent (2015), <a href="#">POWO</a> , or <a href="#">GBIF</a>

*R. taxifolium* Merr. (1926)

Pukeiti 2001130 [Binney ex Argent RBGE]  
An Auckland collection



Whole plant (Auckland) October 2009

Leaves and flowers 12 December 2015

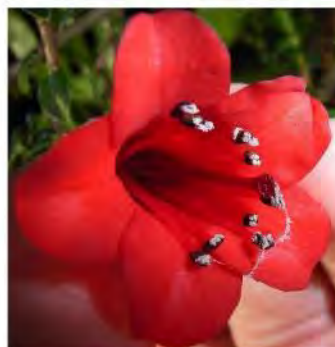
(Images: M. MacKay)

37. *Rhododendron womersleyi*

Name	<i>Rhododendron womersleyi</i>
Authority	Sleumer (1960)
Synonyms	<i>R. aff. inconspicuum</i> Stonor (1951) according to Argent (2015, p178)
Origin	PNG
Biological characteristics	Evergreen shrub to 2 m, with small leaves and pendulous, tubular, red flowers. Full description is found in Argent (2015, pp178-179). A 2006 description is found in the <a href="#">Edinburgh Rhododendron Monographs</a> .
Evidence	<p><b>1983</b>: Introduced to NZ by Graham Smith (Argent 2015, p179).</p> <p><b>1983</b>: Pukeiti had accession 1983-378 [Smith, 5083, Mt Giluwe, PNG 1983] (PRT 1955-1995a).</p> <p><b>1984</b>: Pukeiti had <i>R. womersleyi</i> [Smith, PNG, Mt Giluwe, 1983] (PRT 1984b, p2).</p> <p><b>1986</b>: Collected from Mt Wilhelm in PNG by Graham Smith [024/15] on 15 August 1986 and accessioned at Pukeiti as VS 378a (PRT 1955-1995b). Listed for permit 27831 from PNG in 1986 (PRT 1986b, p1).</p> <p><b>1987</b>: Collected from PNG by Graham Smith [GFS 024/15] (Smith 1987b, p59).</p> <p><b>1987</b>: Held in NZ (Smith EW 1987, p3).</p> <p><b>1987</b>: Wild collected plants alive in the Koromiko Nursery (Ballard 2015, p39).</p> <p><b>1989</b>: Accession 1983-378 [Mt Giluwe] growing in the Covered Way at Pukeiti (PRT 1989c p3).</p> <p><b>1994</b>: Wild collected [Mt Giluwe, PNG] offered for sale by Pukeiti on the 1994 <b>ARS</b> international vireya seed list (ARS 1994, p3).</p> <p><b>1995</b>: Offered for sale by Pukeiti on the 1995 <b>ARS</b> international seed list (ARS 1995b, p29).</p> <p><b>1997</b>: Pukeiti had accession S83-376 in Covered Way zone CW2 (PRT 1997b, p8).</p> <p><b>1999</b>: In the Clark collection in Dunedin (Clark 1999, p71).</p> <p><b>2000</b>: In the Binney, Cullinane, Currie, Pukeiti collections (Smith EW 2000, p7).</p> <p><b>2001</b>: Accession 1983-378 is alive at Pukeiti (PRT 2001c, p9).</p> <p><b>2003</b>: Growing at Pukeiti (Smith 2003a, p12).</p> <p><b>2004</b>: Offered for sale by <b>PPM</b> (PRT 2004 Plant List, p3).</p> <p><b>2008</b>: Accession 1983-378 [Smith, Mt Giluwe, PNG] is alive at Pukeiti (PRT 2008b, p7).</p> <p><b>2012</b>: Photographed by M. MacKay at Pukeiti (see next page).</p> <p><b>2021</b>: Name added/updated in the Ngā Tipu o Aotearoa – Plant Names Database (<a href="#">PND</a>).</p>
Evidence notes	Recorded as wild collected by G. Smith in PNG in 1983 ( <a href="#">NZRA 2003b, p47</a> ), and the Pukeiti card file ( <a href="#">PRT 1955-1995</a> ) indicates that this is the source of material introduced into NZ at Pukeiti in the same year.
Cultivated forms	None listed in Argent (2015)
Subspecies and botanical varieties	None listed in Argent (2015), <a href="#">POWO</a> , or <a href="#">GBIF</a>

*R. womersleyi* Sleumer (1960)

Pukeiti 1983378 [Smith GS33083, Mt Giluwe, PNG]



Whole plant (upper left) 10 January 2008, opening bud (upper right) 01 December 2010, two flowers (lower left) 22 November 2008, closed bud (right, middle) 01 October 2012, flower face 01 December 2010 (Images: M. MacKay)

38. *Rhododendron yongii*

Name	<i>Rhododendron yongii</i>
Authority	Argent (1982)
Synonyms	None in Argent (2015), <a href="#">POWO</a> , or <a href="#">GBIF</a>
Origin	Malaysia (Borneo)
Biological characteristics	Evergreen shrub to 3 m, with tubular red flowers. Full description is found in Argent (2015, pp313-314). A 2006 description is found in the <a href="#">Edinburgh Rhododendron Monographs</a> .
Evidence	<p><b>Blue</b> = public domain documents provided in Appendix One</p> <p><b>Green</b> = non-public domain documents provided in Appendix Two</p> <p><b>Yellow</b> = sales offering</p> <p><b>1980</b>: Collected and introduced into cultivation by Keith Adams from Gunong Mulu in North Sarawak in 1980 (Adams 1996a, p2; Adams 2003, p2; NZRA 2003a, p29).</p> <p><b>1980</b>: Pukeiti had accession 1980-388 [Adams, AD15/80, Gunong Mulu, Sarawak] which ended up in zone P6 in the Perrot House in 1993 (PRT 1955-1995).</p> <p><b>1980</b>: Imported into Australia, from Pukeiti [Adams A192, Gunong Mulu] (Withers 1991, p18).</p> <p><b>1987</b>: In cultivation in NZ (Smith EW 1987, p3).</p> <p><b>1989</b>: Has flowered in Keith Adams garden (Adams 1989, p6).</p> <p><b>1990</b>: Propagated at Pukeiti (PRT 1989-1993, p33).</p> <p><b>1992</b>: Offered for sale by Pukeiti in the 1992 <b>ARS</b> international seed list (ARS 1992, p25).</p> <p><b>1997</b>: Pukeiti had accession 1980-388 in Perrott House zone P6 (PRT 1997b, p8).</p> <p><b>1998 May</b>: Accession 1980-388 is in the nursery at Pukeiti (PRT 1998c, p4).</p> <p><b>2000</b>: In the Binney, Blumhardt, Cullinane, Pukeiti collections (Smith EW 2000, p7).</p> <p><b>2001</b>: Accession 1980-388 is alive at Pukeiti (PRT 2001c, p7).</p> <p><b>2005</b>: Accession 1980-388 is alive at Pukeiti (PRT 2005a, p37).</p> <p><b>2017</b>: An accession is in the Pukeiti collection (TRC2017a, p28).</p> <p><b>2021</b>: Name added/updated in the Ngā Tipu o Aotearoa – Plant Names Database (<a href="#">PND</a>).</p>
Cultivated forms	None listed in Argent (2015)
Subspecies and botanical varieties	None listed in Argent (2015), <a href="#">POWO</a> , or <a href="#">GBIF</a>

*R. yongii* Argent (1982)

Pukeiti - Black Form 2008106 [Currie]



Flower 11 December 2009, leaf 08 December 2017 (Images: M. MacKay)

39. *Rhododendron zoelleri*

Name	<i>Rhododendron zoelleri</i>
Authority	Warb. (1892)
Synonyms	<i>R. asparagoides</i> Wernham (1916), <i>R. moszkowskii</i> Schltr. (1918), <i>R. oranum</i> J.J.Sm. (1932), <i>R. doctersii</i> J.J.Sm. (1936) in <a href="#">POWO</a> and <a href="#">GBIF</a> . <i>R. laetum</i> J.J.Sm. (1936) (non J.J.Sm. 1914), according to Chamberlain et al. (1996, p36).
Name notes	Argent (2015, p382) gives the publication date as 1908. However, Chamberlain et al. (1996, p70), <a href="#">POWO</a> and <a href="#">GBIF</a> all give the year of publication as 1892.
Origin	Indonesia (Maluku, Seram, New Guinea), PNG
Biological characteristics	Evergreen shrub or small tree, 3-10 m, with large yellow-orange-pink, funnel-shaped flowers. A full description is found in Argent (2015, pp382-385). A 2006 description is found in the <a href="#">Edinburgh Rhododendron Monographs</a> .
Evidence	<p>1971: <i>R. zoelleri</i> obtained by Pukeiti from E. Perrott in 1971 (PRT 1971).</p> <p>1976: Pukeiti had accession 1976-383 PNG Form [E. Perrott, plant] (PRT 1955-1995a).</p> <p>1983: Held in collection Pukeiti (Smith 1983, p39).</p> <p>1985: PNG Form offered for sale by <a href="#">PPM</a> (PRT 1985a, p11).</p> <p>1986: Offered for sale by <a href="#">Woodleigh Nursery</a> (Duncan &amp; Duncan 1986, p10).</p> <p>1988: Propagated at Pukeiti (PRT 1988a, p4,12).</p> <p>1989: <i>R. zoelleri</i> 'Island Sunset' supplied to Pukeiti by Os Blumhardt (PRT 1989a).</p> <p>1989: Offered for sale by <a href="#">Duncan &amp; Davies Nursery</a> (D&amp;D 1989, p43).</p> <p>1990: Offered for sale by <a href="#">PPM</a> (PRT 1990, p10).</p> <p>1991: Offered for sale by <a href="#">Duncan &amp; Davies Nursery</a> (D&amp;D 1991-92, p12).</p> <p>1992: Offered for sale by <a href="#">Duncan &amp; Davies Nursery</a> (D&amp;D 1992, p23).</p> <p>1992: Propagated at Pukeiti (PRT 1989-1993, p33).</p> <p>1997: Successfully grown in NZ (Kenyon &amp; Walker 1997, p17).</p> <p>1997: Pukeiti had accession 1976-383 in Covered Way zone CW3 (PRT 1997b, p8).</p> <p>1998 November: Growing at Pukeiti (Smith 1999, p6).</p> <p>2000: In the Binney, Blumhardt, Cullinane, Currie, Kenyon, Pukeiti collections (Smith EW 2000, p7).</p> <p>2004: Pukeiti had accession <i>R. zoelleri</i> 'Island Sunset' 2004-112 [Currie, 2000 ex Kenyon] (PRT 2008b, p7).</p> <p>2008: Accessions 1976-383, 2004-112 and 2008-132 were alive at Pukeiti (PRT 2008b, p7).</p> <p>2017: In the Pukeiti collection (TRC2017a, p28).</p> <p>2021: Name added/updated in the Ngā Tipu o Aotearoa – Plant Names Database (<a href="#">PND</a>).</p>
Cultivated forms	<p>'Decimus' is a selection from wild-collected seed from 1955 (Argent 2015, p385).</p> <p>'Golden Gate' is a selection from seed sent to Australia from Strybing Arboretum in California (Argent 2015, p385).</p> <p>'Island Sunset' is a wild-collected form. In 2008 Pukeiti had accessions of this form; 2004-112 [Currie 2000 ex Kenyon] and 2008-132 [Currie 2000 ex Kenyon] (<a href="#">PRT 2008b, p7</a>).</p> <p>In addition, <i>R. zoelleri</i> is the parent of many hybrids (Argent 2015, p385).</p>
Subspecies and botanical varieties	None listed in Argent (2015), <a href="#">POWO</a> , or <a href="#">GBIF</a>

*R. zoelleri* Warb. (1908) 'Island Sunset'

Pukeiti 2008132 [Currie ex Kenyon, plant]



04 September 2012 (Images: M. MacKay)

Flower image, Edinburgh Botanic Garden at

<https://data.rbge.org.uk/search/livingcollection/?eti=rhododendron+zoelleri&cfg=livcol.cfg>

[https://data.rbge.org.uk/Botany/15550406-Rhododendron zoelleri  
Warb. ex Kenyon](https://data.rbge.org.uk/Botany/15550406-Rhododendron%20zoelleri%20Warb.%20ex%20Kenyon)

Image 6 of 18

CLOSE X



40. *Rhododendron zollingeri*

Name	<i>Rhododendron zollingeri</i>
Authority	J.J.Sm. (1910)
Synonyms	<i>R. tubiflorum</i> (non Blume) Mor. (1846), according to Chamberlain et al. (1996, p65). <i>R. album</i> (non Blume) Zoll. (1854), according to Chamberlain et al. (1996, p7). <i>R. malayanum</i> (non Jack) Koord. (1910), according to Chamberlain et al. (1996, p40).
Name notes	Synonyms are listed by Argent (2015, p156) but do not appear in <a href="#">POWO</a> or <a href="#">GBIF</a> .
Origin	Indonesia (Java, Lesser Sunda, Sulawesi), Philippines
Biological characteristics	Evergreen shrub or tree to 4 m, with small tubular orange-red flowers. Full description found in Argent (2015, pp156-157). A 2006 description is found in the <a href="#">Edinburgh Rhododendron Monographs</a> .
Evidence	<p><b>1996</b>: First collected by Adams and Farbarik in 1996 from Sulawesi (Argent 2015, p157; Binney 2003, p111; NZRA 2003a, p31).</p> <p><b>1998</b>: Accession 1998-103 [Binney, Sulawesi] was received by Pukeiti on 1 June 1998 (PRT 2008b, p7) and was growing in the Perrott House at Pukeiti (PRT 1993b, p1).</p> <p><b>1998</b>: Offered for sale by <b>PPM</b> (PRT 1998a, p30).</p> <p><b>1998</b>: In Sept 1998 D. Binney gave a plant to Pukeiti, which was accessioned as 1998-103 (PRT 1998d).</p> <p><b>2000</b>: In the Binney, Currie, Pukeiti collections (Smith EW 2000, p7).</p> <p><b>2001</b>: Accession 1998-103 is alive at Pukeiti (PRT 2001c, p10).</p> <p><b>2002</b>: A herbarium sample [CANB 651208.1] collected by D. Binney from a Tauranga site and sent to Canberra (<a href="#">AVH</a>).</p> <p><b>2003</b>: The plants collected by Adams in 1996 flowered in cultivation (Binney 2003, p111).</p> <p><b>2005</b>: Accession 1998-103 [Binney, Sulawesi] is alive at Pukeiti (PRT 2005a, p45).</p> <p><b>2008</b>: The accessions 1998-103 [Binney, Sulawesi] and 2001-111 [Binney] were alive at Pukeiti in 2008 (PRT 2008b, p7).</p> <p><b>2013</b>: Offered for sale by <b>PPM</b> (PRT 2013 Plant List, p1).</p> <p><b>2017</b>: In the Pukeiti collection (TRC2017a, p28).</p> <p>2021: Name added/updated in the Ngā Tipu o Aotearoa – Plant Names Database (<a href="#">PND</a>).</p>
Evidence notes	In 1997 seed from the Farbarik/Helm expedition sent to Pukeiti by Bill Moyles ( <b>Moyles 1997</b> ); however, there is no subsequent evidence to show that this seed resulted in any extant plants.
Cultivated forms	None listed by Argent (2015)
Subspecies and botanical varieties	None listed by Argent (2015), <a href="#">POWO</a> or <a href="#">GBIF</a>

*R. zollingeri* J.J.Sm. (1910)

Pukeiti 2001111 [Binney]

An Auckland collection



Upper 3 pictures March 2017, lower left (Auckland collection) October 2009, ovary detail March 2012  
(Images: M. MacKay)

### Part 3, Section Two: References cited in the Data tables.

References available online – please use the links provided.

References that are published but not available online (Appendix 1) – click on the relevant **blue highlight** to be taken to an abridged version of the reference in Appendix 1.

References that are unpublished but scanned here (Appendix 2) – click on the relevant **green highlight** to be taken to an abridged version of the reference in Appendix 2.

Reference notations – the reader will see that various references are listed as ‘a’ or ‘b’ etc, with some letters (references) missing. This is because this reference list has been extracted from a larger set used for all rhododendron species. The ‘a’ and ‘b’ notations have been left in their original state here, to remain consistent with the broader file.

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## 4. Checklist

This checklist is to be completed by the applicant

Application	Comments/justifications	
All sections of the application form completed or you have requested an information waiver under section 59 of the HSNO Act	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (If No, please discuss with an Advisor to enable your application to be further processed)	
Confidential data as part of a separate, identified appendix	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Supplementary optional information attached:		
<ul style="list-style-type: none"> <li>Copies of additional references</li> </ul>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
<ul style="list-style-type: none"> <li>Relevant correspondence</li> </ul>	<input type="checkbox"/> Yes <input type="checkbox"/> No	
Administration		
Are you an approved EPA customer?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes are you an: Applicant: <input checked="" type="checkbox"/> Agent: <input type="checkbox"/>	
If you are not an approved customer, payment of fee will be by: <ul style="list-style-type: none"> <li>Direct credit made to the EPA bank account (preferred method of payment) Date of direct credit:</li> <li>Cheque for application fee enclosed</li> </ul>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Payment to follow  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Payment to follow	Invoice paid November 2021
Electronic, signed copy of application e-mailed to the EPA	<input checked="" type="checkbox"/> Yes	



## Signature of applicant or person authorised to sign on behalf of applicant

- I am making this application, or am authorised to sign on behalf of the applicant or applicant organisation.
- I have completed this application to the best of my ability and, as far as I am aware, the information I have provided in this application form is correct.

**Signature**



**Date**

12 May 2022

## Request for information waiver under section 59 of the HSNO Act

- I request for the Authority to waive any legislative information requirements (i.e. concerning the information that has been supplied in my application) that my application does not meet (tick if applicable).

Please list below which section(s) of this form are relevant to the information waiver request:

## Appendices and referenced material (if any) and glossary (if required)

Appendices provided

- [Appendix One](#) contains scans of source documents that are in the public domain (published) but which are not available online.
- [Appendix Two](#) contains scans of source documents that are unpublished.

Appendices have been removed as they contain reference material that may be subject to copyright'

Pukeiti Oct 2005

ACC-CODE	SPECIES	SECTION	SUBSECTION
S1986250	BAKERI	AZALEA	LUTEUM
S1982253	BAKERI	AZALEA	LUTEUM
S1976255D	BARBATUM	PONTICUM	BARBATA
S1980258	BASILICUM	PONTICUM	FALCONERA
S90259C	BASILICUM	PONTICUM	FALCONERA
S1986256	BASILICUM	PONTICUM	FALCONERA
S90259A	BEANIANUM	PONTICUM	HERIFLORA
S1973288C	BRACHYANTHUM	RHOODOENDRON	GLAUCA
S1973285D	BRACHYANTHUM	RHOODOENDRON	GLAUCA
S94294D	BRACHYCARPUM	PONTICUM	PONTICA
S1976277B	BUREAVII	PONTICUM	TALIENSIA
S94277C	BUREAVII	PONTICUM	TALIENSIA
S1955278	BURMANICUM	RHOODOENDRON	MADDEHIA
S1972278A	BURMANICUM	RHOODOENDRON	MADDEHIA
S1972279B	BURMANICUM	RHOODOENDRON	MADDEHIA
S1976279C	BURMANICUM	RHOODOENDRON	MADDEHIA
S98353B	CALENDULACEUM	AZALEA	LUTEUM
S98355H	CALLIMORPHUM	PONTICUM	CAMPYLOCARPA
S1973358C	CALOSTROTUM	RHOODOENDRON	SALUENSIS

ACC-CODE	SPECIES	SECTION	SUBSECTION
S621057	YUNNANENSIS	RHOODOENDRON	TRIFLORA
S921059	P. G. STANTONII	RHOODOENDRON	TRIFLORA
S921061	YUNNANENSIS	RHOODOENDRON	TRIFLORA
S192115A	ZAI FLORUM	RHOODOENDRON	TRIFLORA
S1986261	ZADANLUM	AZALEA	SCHUPPENBACHII
S1984105	NEOJUBILE	VIREYA	ALBOVIREYA
S1982118	NEOJUBILE	VIREYA	ALBOVIREYA
S194102	AL. RIGERANUM	VIREYA	EUVIREYA
S90124A	GODONUM	VIREYA	JAVANICA ser. PUKITOLA
S1983127	YEMINOKINUM	VIREYA	PHAEOVIREYA
S191073	REYERIANUM	VIREYA	PHAEOVIREYA
S191556	ROCKI	VIREYA	EUVIREYA
S192327	ROCKI	VIREYA	EUVIREYA
S193388	ROCKI	VIREYA	EUVIREYA
S19387A	ROSA FRANKI	VIREYA	PSUDOVIREYA
S195071	ROSA FRANKI	VIREYA	PSUDOVIREYA
S19057	ROSA FRANKI	VIREYA	JAVANICA
S19058	ROSA FRANKI	VIREYA	SOLENOVIREYA
S1984142	CARLINGTONIAE	VIREYA	SOLENOVIREYA

ACC-CODE	SPECIES	SECTION	SUBSECTION
S1963148	RIBSI	VIREYA	EUVIREYA
S20746D	RIBSI	VIREYA	EUVIREYA
S1915149	RIBSI-JAVANE	VIREYA	EUVIREYA
S194418A	RIBSI-JAVANE	VIREYA	EUVIREYA ser. JAVANICA
S194419C	RIBSI-JAVANE	VIREYA	EUVIREYA
S197155A	COMMISSIONAE	VIREYA	EUVIREYA
S1986156G	COMMISSIONAE	VIREYA	EUVIREYA ser. SUKIFOLIA
S196156F	COMMISSIONAE	VIREYA	EUVIREYA
S97156F	COMMISSIONAE	VIREYA	EUVIREYA
S196156E	COMMISSIONAE	VIREYA	EUVIREYA
S196156D	COMMISSIONAE	VIREYA	EUVIREYA
S196156C	COMMISSIONAE	VIREYA	EUVIREYA
S196156B	COMMISSIONAE	VIREYA	EUVIREYA
S196156A	COMMISSIONAE	VIREYA	EUVIREYA ser. JAVANICA
S197653A	OLYMPICUM	VIREYA	EUVIREYA
S197653B	OLYMPICUM	VIREYA	EUVIREYA
S99109	ORTHOSMUM	VIREYA	PHAEOVIREYA
S197170C	ORTHOSMUM	VIREYA	PHAEOVIREYA
S197170B	ORTHOSMUM	VIREYA	PHAEOVIREYA
S197170A	ORTHOSMUM	VIREYA	PHAEOVIREYA

ACC-CODE	SPECIES	SECTION	SUBSECTION
S1980175	COIDES	VIREYA	PSUDOVIREYA
S99178B	LACINUM	VIREYA	MALAYOVIREYA
S99184	PHOENIXIA	VIREYA	PHAEOVIREYA
S97189	GODONOUGHII	VIREYA	SOLENOVIREYA
S1976190	GRACILENTUM	VIREYA	EUVIREYA ser. LINNAEOIDEA
S1976190A	GRACILENTUM	VIREYA	EUVIREYA
S1983190	GRACILENTUM	VIREYA	EUVIREYA
S1989190C	GRACILENTUM	VIREYA	EUVIREYA
S1976195	HELLWIGI	VIREYA	PHAEOVIREYA
S1976197	HERZOGII	VIREYA	SIPHONOVIREYA
S1983197	HERZOGII	VIREYA	SIPHONOVIREYA
S1989197	HERZOGII	VIREYA	SIPHONOVIREYA
S198335	GINTHOSMUM	VIREYA	PHAEOVIREYA
S1976205	INSPICUUM	VIREYA	EUVIREYA
S1976205B	INSPICUUM	VIREYA	EUVIREYA ser. JAVANICA
S1976205A	INSPICUUM	VIREYA	EUVIREYA ser. JAVANICA
S1976209	JASMINIFLORUM	VIREYA	SOLENOVIREYA
S1986209	JASMINIFLORUM	VIREYA	SOLENOVIREYA
S1976210	JAVANICUM	VIREYA	EUVIREYA
S1976210C	JAVANICUM	VIREYA	EUVIREYA

ACC-CODE	SPECIES	SECTION	SUBSECTION
S90210E	JAVANICUM	VIREYA	EUVIREYA ser. JAVANICA
S197625A	KONICHI	VIREYA	PHAEOVIREYA
S197625B	KONICHI	VIREYA	PHAEOVIREYA
S197625C	KONICHI	VIREYA	PHAEOVIREYA
S197625D	KONICHI	VIREYA	PHAEOVIREYA
S197625E	KONICHI	VIREYA	PHAEOVIREYA
S197625F	KONICHI	VIREYA	PHAEOVIREYA
S197625G	KONICHI	VIREYA	PHAEOVIREYA
S197625H	KONICHI	VIREYA	PHAEOVIREYA
S197625I	KONICHI	VIREYA	PHAEOVIREYA
S197625J	KONICHI	VIREYA	PHAEOVIREYA
S197625K	KONICHI	VIREYA	PHAEOVIREYA
S197625L	KONICHI	VIREYA	PHAEOVIREYA
S197625M	KONICHI	VIREYA	PHAEOVIREYA
S197625N	KONICHI	VIREYA	PHAEOVIREYA
S197625O	KONICHI	VIREYA	PHAEOVIREYA
S197625P	KONICHI	VIREYA	PHAEOVIREYA
S197625Q	KONICHI	VIREYA	PHAEOVIREYA
S197625R	KONICHI	VIREYA	PHAEOVIREYA
S197625S	KONICHI	VIREYA	PHAEOVIREYA
S197625T	KONICHI	VIREYA	PHAEOVIREYA
S197625U	KONICHI	VIREYA	PHAEOVIREYA
S197625V	KONICHI	VIREYA	PHAEOVIREYA
S197625W	KONICHI	VIREYA	PHAEOVIREYA
S197625X	KONICHI	VIREYA	PHAEOVIREYA
S197625Y	KONICHI	VIREYA	PHAEOVIREYA
S197625Z	KONICHI	VIREYA	PHAEOVIREYA

ACC-CODE	SPECIES	SECTION	SUBSECTION
S1986268	MACGREGORIAE	VIREYA	EUVIREYA ser. JAVANICA
S1986269	MACGREGORIAE	VIREYA	EUVIREYA ser. JAVANICA
S20211A	MAYANUM	VIREYA	MALAYOVIREYA
S95159	MAYANUM	VIREYA	EUVIREYA ser. JAVANICA
S9227	MONDALOYANUM	VIREYA	EUVIREYA ser. JAVANICA
S197626A	MICULATUM	VIREYA	SOLENOVIREYA
S9026A	MICULATUM	VIREYA	SOLENOVIREYA
S1984272	MICULATUM	VIREYA	EUVIREYA ser. JAVANICA
S90273	MICULATUM	VIREYA	SOLENOVIREYA
S197626B	PHAEOCITUM	VIREYA	PHAEOVIREYA
S197626C	PHAEOCITUM	VIREYA	PHAEOVIREYA
S197626D	PHAEOCITUM	VIREYA	PHAEOVIREYA
S197626E	PHAEOCITUM	VIREYA	PHAEOVIREYA
S197626F	PHAEOCITUM	VIREYA	PHAEOVIREYA
S197626G	PHAEOCITUM	VIREYA	PHAEOVIREYA
S197626H	PHAEOCITUM	VIREYA	PHAEOVIREYA
S197626I	PHAEOCITUM	VIREYA	PHAEOVIREYA
S197626J	PHAEOCITUM	VIREYA	PHAEOVIREYA
S197626K	PHAEOCITUM	VIREYA	PHAEOVIREYA
S197626L	PHAEOCITUM	VIREYA	PHAEOVIREYA
S197626M	PHAEOCITUM	VIREYA	PHAEOVIREYA
S197626N	PHAEOCITUM	VIREYA	PHAEOVIREYA
S197626O	PHAEOCITUM	VIREYA	PHAEOVIREYA
S197626P	PHAEOCITUM	VIREYA	PHAEOVIREYA
S197626Q	PHAEOCITUM	VIREYA	PHAEOVIREYA
S197626R	PHAEOCITUM	VIREYA	PHAEOVIREYA
S197626S	PHAEOCITUM	VIREYA	PHAEOVIREYA
S197626T	PHAEOCITUM	VIREYA	PHAEOVIREYA
S197626U	PHAEOCITUM	VIREYA	PHAEOVIREYA
S197626V	PHAEOCITUM	VIREYA	PHAEOVIREYA
S197626W	PHAEOCITUM	VIREYA	PHAEOVIREYA
S197626X	PHAEOCITUM	VIREYA	PHAEOVIREYA
S197626Y	PHAEOCITUM	VIREYA	PHAEOVIREYA
S197626Z	PHAEOCITUM	VIREYA	PHAEOVIREYA

ACC-CODE	SPECIES	SECTION	SUBSECTION
S191307	THECUM	VIREYA	EUVIREYA ser JAVANICUM
S191309	THECUM	VIREYA	PSEUDOVIREYA
S198360	REYI		
S198477A	ROBINSONII	VIREYA	EUVIREYA ser JAVANICUM
S1913917	MOSINSONII	VIREYA	EUVIREYA ser JAVANICUM
S1996363	SMIRNODIUM	VIREYA	
S19991215	COCCUM	VIREYA	EUVIREYA ser JAVANICUM
S199332	COCCUM	VIREYA	EUVIREYA ser JAVANICUM
S1983877	COCCUM	VIREYA	EUVIREYA ser JAVANICUM
S19962125	SALICIFOLIUM	VIREYA	EUVIREYA ser SAXIFRAGACEAE
S90327	SCABERIFOLIUM	VIREYA	EUVIREYA ser JAVANICUM
S1986306	EARLEANUM	VIREYA	SOLENOVIREYA
S90173	SESSILIFOLIUM	VIREYA	EUVIREYA ser JAVANICUM
S1976438	STIPITUM	VIREYA	PHAEOVIREYA
S1993330	STIPITUM	VIREYA	PHAEOVIREYA
S883388	SOLITARIUM	VIREYA	PHAEOVIREYA
S191334A	SOLITARIUM	VIREYA	EUVIREYA ser STENOPHYLLUM
S1992342	SOLITARIUM	VIREYA	EUVIREYA ser STENOPHYLLUM
S1990344	STENOPHYLLUM	VIREYA	EUVIREYA ser STENOPHYLLUM
S1913471	SOLITARIUM	VIREYA	SOLENOVIREYA
S1983933	SOLITARIUM	VIREYA	SOLENOVIREYA

ACC-CODE	SPECIES	SECTION	SUBSECTION
S88393A	SUAVEOLENS	VIREYA	SOLENOVIREYA
S1984351	SUMATRANUM	VIREYA	EUVIREYA ser JAVANICUM
S1983352	VERBUM	VIREYA	PHAEOVIREYA
S1983323	VERBUM	VIREYA	PHAEOVIREYA
S1973392	YAKAMI	VIREYA	PSEUDOVIREYA
S90380	YAKAMI	VIREYA	SOLENOVIREYA
S1913451	YAKAMI	VIREYA	EUVIREYA ser JAVANICUM
S1986573	YAKAMI	VIREYA	EUVIREYA ser JAVANICUM
S1983378	YAKAMI	VIREYA	EUVIREYA ser JAVANICUM
S1973381A	YAKAMI	VIREYA	ALBOVIREYA
S1980388	YAKAMI	VIREYA	EUVIREYA ser VIREYA
S1976383	YAKAMI	VIREYA	EUVIREYA ser JAVANICUM
S19801958	YAKAMI	VIREYA	RHOODOENDRON
S90101	YAKAMI	VIREYA	RHOODOENDRON
S1998125	YAKAMI	VIREYA	TALENSIA
S1998128	YAKAMI	VIREYA	PONTICA
S97102	YAKAMI	VIREYA	PONTICA
S1998127	YAKAMI	VIREYA	THOMSONIA
S1998120	YAKAMI	VIREYA	CAMPYLOCARPA
S1998128	YAKAMI	VIREYA	TSUTSUSI

ACC-CODE	SPECIES	SECTION	SUBSECTION
S90246	EXCELLENS	RHOODOENDRON	MADEIRA
S90247	EXCELLENS	RHOODOENDRON	MADEIRA
S90248	EXCELLENS	RHOODOENDRON	MADEIRA
S90249	EXCELLENS	RHOODOENDRON	MADEIRA
S90250	EXCELLENS	RHOODOENDRON	MADEIRA
S90251	EXCELLENS	RHOODOENDRON	MADEIRA
S90252	EXCELLENS	RHOODOENDRON	MADEIRA
S90253	EXCELLENS	RHOODOENDRON	MADEIRA
S90254	EXCELLENS	RHOODOENDRON	MADEIRA
S90255	EXCELLENS	RHOODOENDRON	MADEIRA
S90256	EXCELLENS	RHOODOENDRON	MADEIRA
S90257	EXCELLENS	RHOODOENDRON	MADEIRA
S90258	EXCELLENS	RHOODOENDRON	MADEIRA
S90259	EXCELLENS	RHOODOENDRON	MADEIRA
S90260	EXCELLENS	RHOODOENDRON	MADEIRA
S90261	EXCELLENS	RHOODOENDRON	MADEIRA
S90262	EXCELLENS	RHOODOENDRON	MADEIRA
S90263	EXCELLENS	RHOODOENDRON	MADEIRA
S90264	EXCELLENS	RHOODOENDRON	MADEIRA

ACC-CODE	SPECIES	SECTION	SUBSECTION
S90265	EXCELLENS	RHOODOENDRON	MADEIRA
S90266	EXCELLENS	RHOODOENDRON	MADEIRA
S90267	EXCELLENS	RHOODOENDRON	MADEIRA
S90268	EXCELLENS	RHOODOENDRON	MADEIRA
S90269	EXCELLENS	RHOODOENDRON	MADEIRA
S90270	EXCELLENS	RHOODOENDRON	MADEIRA
S90271	EXCELLENS	RHOODOENDRON	MADEIRA
S90272	EXCELLENS	RHOODOENDRON	MADEIRA
S90273	EXCELLENS	RHOODOENDRON	MADEIRA
S90274	EXCELLENS	RHOODOENDRON	MADEIRA
S90275	EXCELLENS	RHOODOENDRON	MADEIRA
S90276	EXCELLENS	RHOODOENDRON	MADEIRA
S90277	EXCELLENS	RHOODOENDRON	MADEIRA
S90278	EXCELLENS	RHOODOENDRON	MADEIRA
S90279	EXCELLENS	RHOODOENDRON	MADEIRA
S90280	EXCELLENS	RHOODOENDRON	MADEIRA
S90281	EXCELLENS	RHOODOENDRON	MADEIRA
S90282	EXCELLENS	RHOODOENDRON	MADEIRA
S90283	EXCELLENS	RHOODOENDRON	MADEIRA
S90284	EXCELLENS	RHOODOENDRON	MADEIRA
S90285	EXCELLENS	RHOODOENDRON	MADEIRA
S90286	EXCELLENS	RHOODOENDRON	MADEIRA
S90287	EXCELLENS	RHOODOENDRON	MADEIRA
S90288	EXCELLENS	RHOODOENDRON	MADEIRA
S90289	EXCELLENS	RHOODOENDRON	MADEIRA
S90290	EXCELLENS	RHOODOENDRON	MADEIRA
S90291	EXCELLENS	RHOODOENDRON	MADEIRA
S90292	EXCELLENS	RHOODOENDRON	MADEIRA
S90293	EXCELLENS	RHOODOENDRON	MADEIRA
S90294	EXCELLENS	RHOODOENDRON	MADEIRA
S90295	EXCELLENS	RHOODOENDRON	MADEIRA
S90296	EXCELLENS	RHOODOENDRON	MADEIRA
S90297	EXCELLENS	RHOODOENDRON	MADEIRA
S90298	EXCELLENS	RHOODOENDRON	MADEIRA
S90299	EXCELLENS	RHOODOENDRON	MADEIRA
S90300	EXCELLENS	RHOODOENDRON	MADEIRA

ACC-CODE	SPECIES	SECTION	SUBSECTION
S97108	APUANUM	VIREYA	MALAYOVIREYA
S97109	ARMITII	VIREYA	SOLENOVIREYA
S97110	BUXIFOLIUM	VIREYA	EUVIREYA
S97111	CHRONIFOLIUM	VIREYA	MALAYOVIREYA
S97112	HELLWIGII	VIREYA	PHAEOVIREYA
S97113	JASMINIFLORUM	VIREYA	SOLENOVIREYA
S97114	JAVANICUM	VIREYA	EUVIREYA
S97115	LEPTANTHUM	VIREYA	PHAEOVIREYA
S97116	LINEARE	VIREYA	MALAYOVIREYA
S97117	LONGIFLORUM	VIREYA	EUVIREYA
S97118	INTRANEVATIUM	VIREYA	EUVIREYA
S97119	XIHERVULOSUM	VIREYA	EUVIREYA
S97120	PUBIGERMIN	VIREYA	EUVIREYA
S97121	QUADRASIANUM	VIREYA	PSEUDOVIREYA
S97122	RHOODOLEUCUM	VIREYA	SOLENOVIREYA
S97123	SALICIFOLIUM	VIREYA	EUVIREYA
S97124	STIPITUM	VIREYA	PSEUDOVIREYA
S97125	COCCUM	VIREYA	VIREYA
S97126	SESSILIFOLIUM	VIREYA	EUVIREYA

ACC-CODE	SPECIES	SECTION	SUBSECTION
S97127	AFFIANUM	VIREYA	SOLENOVIREYA
S97128	TEVENSIANUM	VIREYA	VIREYA
S97129	SUAVEOLENS	VIREYA	SOLENOVIREYA
S97130	KIFOLIUM	VIREYA	VIREYA
S97131	ARTICILLATUM	VIREYA	VIREYA
S97132	ROUSEI	VIREYA	EUVIREYA
S97133	WRIGHTIANUM	VIREYA	VIREYA
S97134	WRIGHTIANUM	VIREYA	VIREYA
S97135	CAESPITOSUM	VIREYA	VIREYA
S97136	ALPICOLUM	VIREYA	VIREYA
S97137	PUBITUBUM	VIREYA	SOLENOVIREYA
S97138	COCCUM	VIREYA	PSEUDOVIREYA
S97139	ANTODES	VIREYA	MALAYOVIREYA
S1988100	JACRUM	VIREYA	MALAYOVIREYA
S1988101	COCCUM	VIREYA	VIREYA
S1988102	KONDRI	VIREYA	PHAEOVIREYA
S1988103	ELLINGERI	VIREYA	ALBOVIREYA
S1988104	COCCUM	VIREYA	SOLENOVIREYA
S1988105	RARILEP	VIREYA	EUVIREYA

ACC-CODE	SPECIES	SECTION	SUBSECTION
S1998105	ALBESUGOSUM	VIREYA	EJUVIREYA
S1998107	ANTORES	VIREYA	MALAYOVIREYA
S1998108	CAUCIDOLUM	VIREYA	PHASEOVIREYA
S1998109	CHIKIHANUM	VIREYA	EJUVIREYA
S1998113	LAPAJI	VIREYA	PSEUDOVIREYA
S1998111	MARGNATUM	VIREYA	PSEUDOVIREYA
S1999112	YACOKA CIDE2	VIREYA	PSEUDOVIREYA
S1998113	BUKHOLUM	VIREYA	PSEUDOVIREYA
S1998114	AUGUST NII	RHODOENDRON	TRIFLORA
S1998115	AUGUST NII	RHODOENDRON	TRIFLORA
S1998116	FASTIATUM	RHODOENDRON	JAPONICA
S1998120	RUBRUCULUM	HELIOPHYLLA	
S1998123	SCABRIFOLIUM	SCABRIFOLIA	
S1998124	VINGAILUM	VINGAILA	
S1999100	FLUCUM	PONTIUM	MILVA
S1999101	PRAESTAS	PONTIUM	GRANDIA
S1999102	SICERUM	PONTIUM	GRANDIA
S1999103	REX	PONTIUM	FALCATA
S1999104	DEJUCATUM	PONTIUM	ARGYREPHYLLA



variusarens	R.Curie, 21.08.02, seed	plant	25.02.08	2008159
verficulatum	R.Curie	cuttings	10.10.03	2003202
verficulatum	R.Curie	cuttings	13.02.04	2004146
villosulum	R.Curie	cutting	02.04.07	2007106
villosulum	R.Curie ex D.Binney, 01.2003	plant	29.02.08	2008108
villosulum	NPOC Parks	plant	01.06.1972	1972200
villosulum	J.Rouse, Australia	seed	01.06.1975	1975230
villosulum	I.Gardner ex R.284	plant	01.06.1978	1978230
villosulum	Mi Finnegan form	G.Snell	01.06.1984	1984230
villosulum	Finnegan x T. Thomson Peak form	D.Binney ex G.Snell	19.02.01	2001140
villosulum	Mi Lewis form	R.Curie, 27.07.03	08.08.05	2005203
villosulum	Devils Thumb Peak	R.Curie, ex D.Binney, 09.01	25.02.08	2008163
villosulum	Highland?	R.Curie, 06.02.01	25.02.08	2008173
villosulum	Baby Balls?	R.Curie, ex J.Kenyon 02.02	23.02.08	2008112
ville-ideae	Mi Yakopinanda	Q.Snell, PNG, G504120	20.09.1986	1986373
walloonum	R.Curie, 05.02.05	plant	29.02.08	2008121
walkei	R.Curie,	plant	02.04.07	2007123
walkei	R.Curie, 17.12.04	plant	29.02.08	2008174
White	Mi Giluwe, PNG	G.Snell, G533083	14.08.1983	1983078
White	R.Curie,	cuttings	13.02.04	2004103
White	R.Curie,	cuttings	02.04.07	2007114
White	R.Curie,	plant	02.04.07	2007120
White form	R.Curie, 01.03 ex D.Binney	plant	25.02.08	2008108
White form	R.Curie, 22.07.04 seedling	plant	25.02.06	2006104
White form	G. Muku, Sulawesi	K.Adams, No7 A1850	01.06.1990	1990388
White form	R.Curie,	plant	08.08.05	2005185
White form	R.Curie, 27.07.03	plant	02.04.07	2007124
White form	R.Curie, 27.07.03	plant	25.02.08	2008106
White form	E.Perrill,	plant	01.06.1076	1976383
White form	R.Curie, 06.2000 ex J.Kenyon	cutting	13.02.04	2004112
White form	R.Curie, 05.2000 ex J.Kenyon	plant	25.02.08	2008132
White form	D.Binney, coll wild Sulawesi	plant	01.06.1998	1998103
White form	D.Binney,	plant	01.06.01	2001111



THE SCOTTISH OFFICE

Agriculture, Environment and Fisheries Department

1 NAME AND ADDRESS OF EXPORTER ROYAL BOTANIC GARDEN 20A INVERLEITH ROW EDINBURGH EH3 5LR		2 PHYTOSANITARY CERTIFICATE No. EEC/UK (Scotland) ORIGINAL DOCUMENT EX57/97	
3 DECLARED NAME AND ADDRESS OF CONSIGNEE PUKEITI RHODODENDRON TRUST 2290 CARRINGTON ROAD RD 4 NEW PLYMOUTH NEW ZEALAND		4 PLANT PROTECTION ORGANISATION OF UK (Scotland) TO PLANT PROTECTION ORGANISATION(S) OF NEW ZEALAND	
		5 PLACE OF ORIGIN SCOTLAND	
		6 DECLARED MEANS OF CONVEYANCE AIR	
		7 DECLARED POINT OF ENTRY CHRISTCHURCH	
8 a) DISTINGUISHING MARKS:			
b) NUMBER AND DESCRIPTION OF PACKAGES: 1 (ONE) PACKAGE			
c) NAME OF PRODUCE: NURSERY STOCK			
d) BOTANICAL NAME OF PLANTS: RHODODENDRON			
9 QUANTITY DECLARED 100 (ONE HUNDRED) UNROOTED CUTTINGS			
10 This is to certify that the plants or plant products described above - have been inspected according to appropriate procedures, and - are considered to be free from quarantine pests, and practically free from other injurious pests, and that they - are considered to conform with the current phytosanitary regulations of the importing country.			
11 ADDITIONAL DECLARATION SEE APPENDIX OVERLEAF IMPORT PERMIT NO 34928			
DISINFESTATION AND / OR DISINFECTION TREATMENT			
12 Treatment		13 Chemical (active ingredient)	
14 Duration and Temperature		15 Concentration	
16 Date		17 Additional Information	
PLACE OF ISSUE: EDINBURGH		DATE: 22 MAY 1997	
NAME AND SIGNATURE OF AUTHORISED OFFICER: P WEIR		STAMP OF ORGANISATION: THE SCOTTISH OFFICE	

#	SENT HR	PLANT NUMBER.	NAME.....
✓ 2	CT	19951549*A	Rhododendron
✓ 2	CT	19922785*A	Rhododendron acrophilum
✓ 2	CT	19882544*A	Rhododendron album
✓ 1	CT	19761341*A	Rhododendron alticola
✓ 2	CT	19922800*A	Rhododendron apoanum
✓ 2	CT	19752536*A	Rhododendron armitii
✓ 2	CT	19781745*A	Rhododendron brookeanum ssp. brookeanum var. moultonii
✓ 2	CT	19820908*A	Rhododendron buxifolium
✓ 2	CT	19772458*B	Rhododendron durionifolium
✓ 2	CT	19861767*A	Rhododendron gaultheriifolium
✓ 2	CT	19861624*A	Rhododendron hellwigii
✓ 2	CT	19622876*A	Rhododendron intranervatum
✓ 2	CT	19680638*B	Rhododendron jasminiflorum punctatum
✓ 2	CT	19922798*A	Rhododendron javanicum ssp. schadenbergii <i>schade</i>
✓ 2	CT	19861635*A	Rhododendron leptanthum var. warianum
✓ 2	CT	19820847*A	Rhododendron lineare
✓ 2	CT	19821503*C	Rhododendron longiflorum
✓ 2	CT	19681423*A	Rhododendron maius
✓ 2	CT	19880515*B	Rhododendron meliphagidum
✓ 2	CT	19741756*A	Rhododendron multicolor
✓ 2	CT	19801157*A	Rhododendron x nervulosum
✓ 2	CT	19881421*B	Rhododendron pubigerum
✓ 2	CT	19922818*A	Rhododendron quadrasianum var. malindangense <i>malindangense</i>
✓ 2	CT	19682167*C	Rhododendron rhodoleucum
✓ 2	CT	19880508*B	Rhododendron ruttenii
✓ 2	CT	19820723*A	Rhododendron salicifolium
✓ 2	CT	19830996*A	Rhododendron santapau
✓ 2	CT	19922802*A	Rhododendron sarcodes
✓ 2	CT	19741757*C	Rhododendron sessilifolium
✓ 2	CT	19801292*A	Rhododendron stefianum
✓ 2	CT	19902929*A	Rhododendron stvensianum
✓ 2	CT	19822338*B	Rhododendron suaveolens
✓ 2	CT	19922826*A	Rhododendron taxifolium
✓ 2	CT	19841164*A	Rhododendron variolosum
✓ 2	CT	19871300*A	Rhododendron verticillatum
✓ 2	CT	19902332*A	Rhododendron vialii
✓ 2	CT	19861625*A	Rhododendron wrightianum
✓ 2	CT	19670477*A	Rhododendron wrightianum var. cyclopense <i>cyclopense</i>

38 Rows Processed

1 19951549

caespitosum

19951549	Rhododendron caespitosum seed	27 Jun 1995
Our Source: 149 (= Mitchell, D & Smith, P) collected directly from wild; origin known Indonesia: Irian Jaya: trail from Pabilylo to Wamena. Open area dominated by Rhododendrons. Mitchell, D & Smith, P 221. 31 Oct 1992.		
19922785	Rhododendron acrophilum	21 Jul 1992
Received as: Rhododendron cutting Our Source: 39 (= Argent, G.) collected directly from wild; origin known Philippines: Mt. Mantalingajan. 2000 m. Argent, G M19. Mar 1992. Verif. level: 3 by Argent, G 16 Mar 1993		
19882544	Rhododendron album	1988
plant Our Source: 39 (= Argent, G.) collected directly from wild; origin known Indonesia: Java: Gunong Salak. 1900 m. Plant No. 1. Argent, G s.n. Verif. level: 3 by Argent, G 9 Dec 1992		
19761341	Rhododendron alticola	1976
Received as: Rhododendron plant Our Source: 39 (= Argent, G.) collected directly from wild; origin known Papua New Guinea: G10 Mt. Giluwe. Argent, G s.n. May 1975. Verif. level: 3 by Argent, G 26 Apr 1991		
19922800	Rhododendron apoanum	21 Jul 1992
cutting Our Source: 39 (= Argent, G.) collected directly from wild; origin known Philippines: Mt. Apo. 2900 m. Argent, G A8. Mar 1992. Verif. level: 3 by G Argent 10 Jan 1995		
19752536	Rhododendron armitii	15 Dec 1975
plant Our Source: 266 (= RBG Edinburgh) Their Source: 794 (= Woods, P.) collected directly from wild; origin known Papua New Guinea: Milne Bay District: Rabaraba Subdistrict: Idop. ca 2600 m. Woods, P 2518. 15 Jul 1968. Verif. level: 2 by DS1; plant uncertain		
19781745	Rhododendron brookeanum ssp. brookeanum var. moultonii	1978
Received as: Rhododendron brookeanum var. moultonii cutting Our Source: 39 (= Argent, G.) collected directly from wild; origin known Malaysia: N. Borneo: Sabah: Mulu National Park. Argent, G s.n.		

	Verif. level: 2 by Argent, G. 6 Oct 1980	
19820908	Rhododendron buxifolium	1982
plant Our Source: 1192 (= Sinclair, I W J) collected directly from wild; origin known Malaysia: Sabah: Kinabalu National Park. 3262 m. seedlings collected where R. buxifolium and R. rugosum overlap, seedlings often growing in run-off channels from ridge, in moss on top of soil. Sinclair, I 238. Mar 1982. Verif. level: 2 by Argent, G 1 Jun 1989		
19772458	Rhododendron durionifolium	1977
plant Our Source: 307 (= Gardner, M.) collected directly from wild; origin known Malaysia: Kaintano Ridge, Trus Madi. 1524-1829 m. growing in moss forest. Gardner, M 55. Verif. level: 2 by DS1; plant uncertain		
19861767	Rhododendron gaultheriifolium	1986
seed Our Source: 1289 (= Sandham, J.) collected directly from wild; origin known Papua New Guinea: Keglsugl Village, Mt. Wilhelm. 3500 m. Sandham, J 197/86. 15 Nov 1986.		
19861624	Rhododendron hellwigii	1986
cutting Our Source: 1289 (= Sandham, J.) collected directly from wild; origin known Papua New Guinea: Near Iloko village, by Konge, on foothills of Mt. Bangeta. 3000 m. Epiphyte. Sandham, J 62/86. 18 Oct 1986.		
19680638	Rhododendron jasminiflorum var. punctatum	19 Apr 1968
Received as: Rhododendron jasminiflorum plant Our Source: 794 (= Woods, P.) collected directly from wild; origin known Malaysia. Woods, P s.n. Verif. level: 2 by Paddy Woods Nov 1970		
19922798	Rhododendron javanicum ssp. schadenbergii	21 Jul 1992
Received as: Rhododendron javanicum var. schadenbergii cutting <i>schade</i> Our Source: 39 (= Argent, G.) collected directly from wild; origin known Philippines: Mt. Apo. 2200 m. Argent, G A41. Mar 1992. Verif. level: 3 by George C. Argent 4 Sep 1996		
19861635	Rhododendron leptanthum var. warianum	1986
Received as: Rhododendron hellwigii plant Our Source: 1289 (= Sandham, J.) collected directly from wild; origin known Papua New Guinea: near Iloko Village, by Konge, on foothills		



- of Mt. Bangeta. 2000 m. Epiphyte. Sandham, J 73/86. 19 Oct 1986.  
 Verif. level: 3 by George C. Argent 23 Jul 1996
- 19820847 *Rhododendron lineare* 1982  
 plant  
 Our Source: 1338 (= Sinclair, I. & Argent, G.)  
 collected directly from wild; origin known  
 Malaysia: Sarawak: Gunung Buri trip to summit 750 m., and  
 around 650 m. level. ca 700 m. Sinclair, I & Argent, G 148.  
 18 Mar 1982.  
 Verif. level: 2 by Argent, G 28 Apr 1986
- 19821503 *Rhododendron longiflorum* 1982  
 Received as: *Rhododendron gracile*  
 plant  
 Our Source: 39 (= Argent, G.)  
 collected directly from wild; origin known  
 Malaysia: N.Borneo: Sabah: Gunong Lotung. 1219 m. Argent, G  
 s.n.  
 Verif. level: 3 by G Argent 15 Aug 1990
- 19681423 *Rhododendron maius* 19 Jun 1968  
 plant  
 Our Source: 794 (= Woods, P.)  
 cultivated plant of known wild origin  
 Papua New Guinea: Morobe District: Mt. Kaindi, near Wau. ca  
 3200 m. Woods, P 1727. 9 Jun 1968.  
 Verif. level: 2 by David F. Chamberlain 20 May 1978
- 19880515 *Rhododendron meliphagidum* 1988  
 Received as: *Rhododendron*  
 plant  
 Our Source: 39 (= Argent, G.)  
 collected directly from wild; origin known  
 Indonesia: Seram: Manusela National park: N side of Gunong  
 Binaia. 2500 m. Argent, G 87/33. Sep 1987.  
 Verif. level: 2 by Warwick, M 4 Feb 1993
- 19741756 *Rhododendron multicolor* 1974  
 cutting  
 Our Source: 751 (= Biol. Sci. Sydney Univ.)  
 collected directly from wild; origin known  
 Indonesia: Sumatra: near Lake Toba. Clough, R. s.n. Jan  
 1973.  
 Verif. level: 2 by Argent, G 30 Mar 1989
- 19801157 *Rhododendron x nervulosum* 1980  
 plant  
 Our Source: 39 (= Argent, G.)  
 collected directly from wild; origin known  
 Malaysia: N.Borneo: Sabah: Kinabalu Main Trail. 1981 m.  
 Argent, G s.n.  
 Verif. level: 2 by Argent, G. 5 Jun 1989
- 19881421 *Rhododendron pubigerum* 1988  
 plant

5

- Our Source: 39 (= Argent, G.)  
 collected directly from wild; origin known  
 Indonesia: Northern Sumatra: Berastagi (S of Medan). 1300 m.  
 Shrubbery on ridge. Argent, G 88/35.  
 Verif. level: 3 by Argent, G 30 Jun 1992
- 19922818 *Rhododendron quadrasiianum* var. *malindangense* 21 Jul 1992  
 Received as: *Rhododendron quadrasiianum* var. *davaoense*  
 plant  
 Our Source: 39 (= Argent, G.)  
 collected directly from wild; origin known  
 Philippines: Mt. Apo. Argent, G A2. Mar 1992.  
 Verif. level: 3 by George C. Argent 8 Feb 1996
- 19682167 *Rhododendron rhodoleucum* 6 Aug 1968  
 plant  
 Our Source: 794 (= Woods, P.)  
 collected directly from wild; origin known  
 Papua New Guinea: Milne Bay District: Rabaraba Subdistrict:  
 Paga; Mt. Dayman area; Doana. ca 2300 m. Shrub ca. 20ft or  
 more; corolla dk. rose pink; inside of lobes white, style  
 rose pink; Growing in forest edge at edge of ridge. Woods, P  
 2628. 24 Jul 1968.  
 Verif. level: 2 by David F. Chamberlain 18 Oct 1976
- 19880508 *Rhododendron ruttenii* 1988  
 Received as: *Rhododendron*  
 plant  
 Our Source: 39 (= Argent, G.)  
 collected directly from wild; origin known  
 Indonesia: Seram: Manusela National Park: North side of  
 Gunong-Binaia. 2500 m. Argent, G 87/26. Sep 1987.  
 Verif. level: 3 by George C. Argent 17 Jul 1996
- 19820723 *Rhododendron salicifolium* 1982  
 plant  
 Our Source: 1338 (= Sinclair, I. & Argent, G.)  
 collected directly from wild; origin known  
 Malaysia: Sarawak: Growing along ridge down from helipad.  
 Moss forest situation. Herbarium specimens also collected.  
 Sinclair, I & Argent, G 23. Feb 1982.  
 Verif. level: 2 by G. Argent 17 Aug 1988
- 19830996 *Rhododendron santapauli* 1 Jun 1983  
 Received as: *Rhododendron santapauli*  
 plant  
 Our Source: 236 (= Per M Jorgensen)  
 collected directly from wild; origin known  
 India: SE Subansiri Division: North East Frontier Agency.  
 Cox & Hutchison 459. 1965.  
 Verif. level: 2 by Warwick, M 5 Aug 1988
- 19922802 *Rhododendron sarcodes* 21 Jul 1992  
 Received as: *Rhododendron*  
 cutting  
 Our Source: 39 (= Argent, G.)  
 collected directly from wild; origin known

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- Philippines: Mt. Apo. 1800 m. Argent, G A11. Mar 1992.  
 Verif. level: 3 by Argent, G 6 Jul 1993
- 19741757 *Rhododendron sessilifolium* 1974  
 cutting  
 Our Source: 751 (= Biol. Sci. Sydney Univ.)  
 collected directly from wild; origin known  
 Indonesia: Sumatra: Near Lake Toba. s.n. Jan 1973.  
 Verif. level: 2 by DS1; plant uncertain
- 19801292 *Rhododendron stappianum* 1980  
 plant  
 Our Source: 39 (= Argent, G.)  
 collected directly from wild; origin known  
 Malaysia: N.Borneo: Sabah. Argent, G s.n.  
 Verif. level: 2 by Argent, G. 14 Oct 1980
- 19902929 *Rhododendron stevensianum* 29 Nov 1990  
 plant  
 Our Source: 39 (= Argent, G.)  
 Their acc. #: 90/4 Index Sem. Yr Item:  
 Their Source: 1261 (= Cullinane, M. (Rose Tree Gardens))  
 collected directly from wild; origin known  
 Papua New Guinea: nr Gembogl. 2030 m.
- 19822338 *Rhododendron suaveolens* var. *roseum* 1982  
 cutting  
 Our Source: 39 (= Argent, G.)  
 collected directly from wild; origin known  
 Malaysia: N.Borneo: Sabah: Kinabalu National Park, near  
 power station. 1829 m. Pink form. Argent, G s.n. Jul 1982.  
 Verif. level: 2 by Argent, G. 7 Apr 1989
- 19922826 *Rhododendron taxifolium* 24 Jul 1992  
 cutting  
 Our Source: 39 (= Argent, G.)  
 collected directly from wild; origin known  
 Philippines: Mt. Pulog. 2500 m. Argent, G Pl. 23 Feb 1992.  
 Verif. level: 3 by Argent, G 15 Apr 1993
- 19841164 *Rhododendron variolosum* 1984  
 plant  
 Our Source: 39 (= Argent, G.)  
 collected directly from wild; origin known  
 Malaysia: N.Borneo: Sabah: Gunong Trus Madi, East Ridge.  
 Argent, G 84/12. Mar 1984.  
 Verif. level: 2 by Argent, G. 10 May 1988
- 19871300 *Rhododendron verticillatum* 1987  
 plant  
 Our Source: 1338 (= Sinclair, I. & Argent, G.)  
 collected directly from wild; origin known  
 Malaysia: Sarawak: Gunung Santuborg growing on ridge.  
 800-850 m. 1 deg 42'N, 110 deg 24'E. Mixed collection with  
 19820822. Sinclair, I & Argent, G s.n. 15 Mar 1982.  
 Verif. level: 2 by Argent, G 18 Mar 1988

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- 19902332 *Rhododendron vidalii* Sep 1990  
 Received as: *Rhododendron*  
 plant  
 Our Source: 39 (= Argent, G.)  
 collected directly from wild; origin known  
 Philippines: Sibuyan Island: 500-1500 m. s.n. Aug 1989.  
 Verif. level: 2 by Warwick, M 23 Jul 1991
- 19861625 *Rhododendron wrightianum* 1986  
 unknown  
 collected directly from wild; origin known  
 Papua New Guinea: Foothills of Mt Bangeta.: Nr Iloko  
 village, by Konge. 2170 m. Epiphyte. Sandham, J 63/86. 18  
 Oct 1986.  
 Verif. level: 2 by Argent, G 15 Nov 1989
- 19670477 *Rhododendron wrightianum* var. *cyclopense* 1967  
 plant  
 Our Source: 661 (= Strybing Arboretum)  
 collected directly from wild; origin known  
 Papua New Guinea: Mount Cyclops. 1640 m.  
 Verif. level: 2 by George C. Argent 24 Sep 1986
- 19622876 *R. intravenatum*

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E676 burttii

	D	E	F	G	H	I	J	K	L	M	N	O	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD
1	Genus	Species	Ran	Infraspecif	Cultivar	Descriptor	# plar	Pot size	Acc num	Year	Acc Number	Propogation	Secondary Id	Source 1	Source Collector	Collection #	Locality	Country	Comments	Date potted	Year	Data Ao	Lineage number	Group	
1191	Rhododendron	maxwellii					1	30l		1994	0042A			1995169 D. Binney											
1192	Rhododendron	maxwellii					1	10cm				11/05/16	1995169 D. Binney												
1193	Rhododendron	maxwellii					3	7cm				16/05/17	1995169 D. Binney							14/02/18					
1194	Rhododendron	maxwellii					1	7cm				11/10/17	1995169 D. Binney												

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	D	E	F	G	H	I	J	K	L	M	N	O	R	S	T	U	V	W	X	Y	Z	AA	AB	AC	AD
1	Genus	Species	Ran	Infraspecif	Cultivar	Descriptor	# plar	Pot size	Acc num	Year	Acc Number	Propogation	Secondary Id	Source 1	Source Collector	Collection #	Locality	Country	Comments	Date potted	Year	Data Ao	Lineage number	Group	
1303	Rhododendron	pauciflorum					1	1l				13/08/14	1984272 K. Adams	K. Adams	K. Adams		Gunung Brinchang, Malaysia, 1984								
1304	Rhododendron	pauciflorum					2	10cm				13/08/14	1984272 K. Adams	K. Adams	K. Adams		Gunung Brinchang, Malaysia, 1984								
1305	Rhododendron	pauciflorum					1	8cm				15/02/16	1984272 K. Adams	K. Adams	K. Adams		Gunung Brinchang, Malaysia, 1984								
1306	Rhododendron	pauciflorum				WALL	1	planted				15/02/16	1984272 K. Adams	K. Adams	K. Adams		Gunung Brinchang, Malaysia, 1984			20/08/18					
1307	Rhododendron	pauciflorum				OP seedling	1	8cm				7/04/14													

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1	Genus	Species	Ran	Infraspecif	Cultivar	Descriptor	# plar	Pot size	Acc num	Year	Acc Number	Propogation	Secondary Id	Source 1	Source Collector	Collection #	Locality	Country	Comments	Date potted	Year	Data Ao	Lineage number	Group	
1441	Rhododendron	rubineiflorum					1	7cm				21/08/14	1986389 G. Smith	G. Smith	G. Smith	G505722	Kalap, Warbag, PNG			1/03/16					
1442	Rhododendron	rubineiflorum					1	5cm				22/01/18	1986389 G. Smith	G. Smith	G. Smith	G505722	Kalap, Warbag, PNG			1/03/16					

