



FRIENDS OF
EASTWOODHILL

*Friends
OF
Eastwoodhill*

Autumn / Winter 2022





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Visitor Centre - Opening Hours

Weekdays 8am – 4.30pm

Weekends and public holidays 9am – 4pm

Eastwoodhill Trust Board

Jane Williams (Chair)

Peter Jackman

Susan Kemp

Patrick Willock

Kaye Williams

Philip Cave

Newsletter design by Draggnett



From The Curator's Desk

"It is not the strongest of the species that survives, nor the most intelligent that survives. It is the one that is most adaptable to change."— Darwin

It seems my propensity to set the narrative of my reports and updates via a quote is coming somewhat of a habitual cliché. However, as the definition states a cliché may be trite or irritating, I'm clearly reflecting our last year trying to operate and advance our purpose in these COVID times. To Darwin's quote, the adaptability of the whole organisation (Board, Staff, Friends & Volunteers) throughout the past year is something to celebrate!

There are a number of remarkable outcomes, including some positive achievements relating to our financial budget. With flip flopping lockdowns, home isolations and the traffic light restrictions we did well to get the volume of over 11,000 people into the Arboretum and via other funding streams that supported our achievements. It was however another deficit of operational expenses against our income.

The Board and I have been focusing on a number of strategic advancements and one that we are pleased to announce is the addition of a Board Business Advisor. This is a part time, trial role, for 12 months that will essentially assist our Board and act as an advocate for the Arboretum. We can now announce that John Slater ONZM JP has been appointed to this role and will join the team from the new financial year. John has a strong background in business and extensive knowledge of working in governance positions. We look forward to working with him. This position has been funded by the Williams Family Trust who continue to support the Arboretum in an unwavering fashion, our continued thanks.

Our 100-year masterplan continues to develop and become an ever-increasing component of our day-to-day activities. Those of you that are not familiar with the 100-year Masterplan head to <https://eastwoodhill.org.nz/masterplan/> for an overview. Whilst you are there, note the change in colour from our green to red reflecting our Autumnal reds showing off at the Arboretum as I write this!

Propagation advancements on the species within the collection deemed to be rare and endangered via the IUCN and BGCI have done really well, great work from Anthea, Dan and Adam. These stories are showcased further on in the newsletter.

Dan has been working on a huge element of the 100-year masterplan, how we integrate and understand how our collection via the data can assist our goals, at various strategic and operational levels. Creating the Eco-Regions will not only rely on trees within the current collection but others we don't have. Are those species that we don't have already in Aotearoa? How easy will it be to provide an increase of diversity representation of that Eco-region within our collection. This will play particular focus for the next couple of years as we apply focus to our native Eco-Regions. Prioritising our rare and endangered trees from within Aotearoa will provide us with so many opportunities. To achieve this, we will focus on collaborations and partnerships with other collections, DOC and most importantly Iwi to offer our place to help their locally rare and endangered species.

Connecting, collaborating and expressing our purpose via our Native Eco-Regions is imperative to showcase how important the Arboreal Ark concept is. If done well, we can express how we make it function for the other 80 countries our current collection represents. This will form an important part of our story-telling and marketing for upcoming 22-23 FY. We have teamed up with GoodSense, an ethical marketing company to assist in amplifying our purpose and exposure to a target audience that will engage, promote, support our purpose and the 'Trees For Our Future' campaign.

We plan to introduce a series of information and interpretation boards throughout the Arboretum. We have installed four new boards just outside the Entrance that introduces our story and purpose. Education is one of our three pillars of governance that is laid out within the Eastwoodhill Act and currently unless you are a bit of a tree 'nurd', many of our visitors will be unaware of the story behind the trees, the places they represent and the threats they face. We will be looking to use these boards as a way of introducing our visitors to the Eco-Zones to start with. These will clearly delineate the boundaries of the Eco-Zones showcasing the species that will be planted in those areas in future years.

Fingers crossed we are through the COVID variants and that 2022-23 will allow us to forge ahead with the fantastic project that is Te Mara Rakaunui o Aotearoa – The National Arboretum of NZ.

Martin Weaver
Eastwoodhill Curator



A Message from the Chair

Jane Williams

Well, what a glorious autumn it has been and despite severe weather events experienced on our East Coast, Eastwoodhill has been busier than ever.

The staff both in the Arboretum and in the office continue to work to a professional level and are always conscious of being 'the face' of EWH, and the popularity for the Curator tours show no sign of abating.

The last few months has seen the opening of the Café from Wednesday to Sunday under the auspices of Sally Gaddum, who has proved how popular the café could be. Sally has established a consistent level of professionalism and with the support of the Friends, old and new, there has been a vibrancy around the courtyard coupled with excellent food and Far East Coffee.

Sally has also catered for overnight guests and private functions. Busy indeed.

The Board spent the last year preparing and searching to co-opt a new Eastwoodhill Trust Board member who could help us with our larger goal to develop our networks within NZ and further afield, our reach and our funding opportunities. The Board advertised, interviewed and selected John Slater who comes on to the Board as Board Business Advisor, and brings with him a wealth of business experience,

knowledge and contacts. John will come to every meeting for a year and is hosted by Knapdale Eco Lodge when he is here. John served as the president of the National Party at one time of his life so has political contacts as well. Welcome John and we look forward to working with you.

This position of Board Business Advisor was initiated by the Williams Family and is part of the wider viewpoint of the Williams Family Trust to provide philanthropic business support for Eastwoodhill annually. This investment is helping us to seek long-term financial stability through opportunities that we may find outside of Gisborne. This was the basis of looking for someone outside of Gisborne to fill this advisor role.

We have spent some time ensuring the accuracy and intent of some of our founding documents. The older EWH becomes, the more important it is to be sure we continue to adhere to the broader intent of a funder or benefactor. We have been working with David Ure at Grey Street Legal who took over as our legal advisor from Peter Kite. This work goes along with ensuring all our guiding documents including board policies are up to date and relevant in 2022.

An exciting update – the Board has agreed in principle to let dogs and bikes into the Arboretum.



We are currently working through the details of how this will work and will update everyone in due course.

We are not sure what the impact of Covid will be going forward, we had had some strong winter numbers in the last couple of years following lockdowns, which meant everyone was excited to get out and about again. We look forward to welcoming the travellers back as the borders start to reopen into New Zealand. Covid has fast-tracked and indeed highlighted issues for us which is not a bad thing but makes us think faster and with a flexible outlook. Internal NZ tourism has been alive and kicking and EWH often features as one of the best Tairāwhiti options to visit.

We received a considerable donation from a local benefactor with ongoing yearly support which really helps to validate the direction that the Board and our Curator Martin have been going in. We are seeing that people respect the work we are putting into our plant collection and are enjoying learning about what we are trying to achieve here with our rare and endangered collection, and also with our native collection. Martin is doing aspirational work and it will have far reaching consequences for our future direction.

This brings me to my last announcement for this newsletter. Sadly, the Board accepted the resignation of Martin as our Curator and FULLY support the move that he, Lindsay and Arthur will be making to Perth, Australia to

be with family. Martin has been with Eastwoodhill for the past three years and was brought on to make change at Eastwoodhill, drive the work on the Master Plan and help develop funding streams in his role of Curator, all while managing our significant team here at Eastwoodhill. He has worked incredibly hard and made some fantastic inroads into developing our resources here. Martin has created our first Funding and Awareness Document to help drive sponsorship revenue which is incredibly valuable to Eastwoodhill. A large debt of gratitude goes to Martin for all the work he has put into the Arboretum, it is in great shape and poised for the future, and we are sad to see him go.

Thank you Martin.

For the interim, the board is in the process of appointing Geoff Canham of Spaces to provide management support and continue key projects whilst we as a board take this opportunity to look at our management structure and ensure we are in the best place to be, to continue our mission and key objectives.

Enjoy the winter months, it's still a beautiful time of year to wander through Eastwoodhill if you get the chance, and we look forward to that green growth of Spring we all love so much!

Ngā mihi,

Jane Williams
Eastwoodhill Chairperson



100 Year Masterplan: Propagation Success

By Horticulturist, Anthea Dalton

It's been an awesome 12 months of propagating and we've had some fantastic results!

The huge 2300+ species we curate here at Eastwoodhill, all will (at some point) need to be propagated and grown on to form their place within their Masterplan eco-zone and eco-region. Our huge jigsaw puzzle of a project starts with these successes!

So currently in our prop shed, we have a varied number of species under propagation, focusing largely on our endangered and or critically endangered species. We have both native and exotic species on the go at the moment. We were fortunate enough to receive a large number of Kaka Beak seeds that were kindly donated to us. These are currently classed as "endangered" in the wild here in Aotearoa. We have had nearly a 100% germination rate with these. A great outcome. We have cleared a space in one of our premier garden beds to showcase them in.

My work mates and I were lucky enough to be "in the right spot at the time" when we collected a good number of seed from our Kauri stand that overlook our Harakeke collection when a freak gust of wind sent them raining down on us recently. Last year we searched under our Kauri, with not much to show for it. We are hoping for another high strike rate as they are currently classed as "vulnerable" in the wild.

One of the most unusual things that I have propagated to date is a Boab tree or *Adansonia gregorii*. Endemic to Australia, an unusual tree with just as unusual seed, they had to be removed from an extremely hard-shelled pod, then broken out of some firm foam type substance, then scarified and soaked in water for 48 hours! Worth all of the effort though, I had a 90% strike rate. Happy with that, and plans will be in place for the placement of them out in their correct eco-regions in the arboretum.

We also currently have close to 2000 *Araucaria angustifolia* seedlings whose seed was collected on site and are destined to be planted in an area of the arboretum that has previously been planted in pine.

Araucaria or Parana pine (though not in the *pinus* genus) are a native to Brazil and are on the IUCN list as critically endangered. We have also propagated a large number of other critically endangered species such as, *Fraxinus profunda*, *F.pennsylvanica*, both from the US and we have four of the five critically endangered *Fraxinus* species here, *Camellia impressinervis* found on the China Vietnam Border, and *Brugmansia suaveolens* from Brazil, remember your walk around the world in trees starts in the prop shed! Anyone wanting to come and see what we are up to are more than welcome to book a visit and Martin, Dan or Myself will happily show you what is growing on!

**Many thanks,
Anthea**

Eastwoodhill Memories

Written by, *Phillida Eivers*

Continued on from the Spring/Summer issue.

Many years later I find myself living right next door to Eastwoodhill. The farm Mike and I purchased opposite it, between Spencer and Mary Bushes and Randall Sherratt's. Running all the way back to Tangihau at the back.

Sadly, all these farms are now covered in Pines which now have become a ghastly monoculture. Ours was the first, I'm embarrassed to say, but after the devastation of the land after Bola, we felt it needed to be stitched together and quickly. We had lost around thirty percent of our topsoil.

As a family EWH became our second home; firstly, as Mike managed the stock that grazed under the trees. And later when we actually moved in and lived there for the best part of a year whilst we renovated and added to our own home.

It became an extension of our own garden. Which I noticed and found out had been created out of some of the species given to the previous owners, the Box's, to plant in their garden, by Mr Cook. I also added a few items over the years we lived in Ngatapa, given to me by Gary Clapperton.

EWH became my learning library for plants and species. I'd see something that intrigued me then go home and look it up in my gardening books.

Living so close and having such an intimate relationship with EWH we observed her in all her moods: the glorious colours of autumn, the fresh colours of spring to the moody winter's colours of grey, mist hovering and hiding the tree tops snaking through and around the garden creating a mystery of the places we knew so well.

Later when the children were all biking, they'd take off for Eastwoodhill. (Around that fearsome corner of the main road between our place and it) And race about the park, climbing trees, hiding in the thickets, sliding down the hill on Ti tree leaves, or sacks stuffed with cabbage tree leaves and bracken. I believe the Muscovies and definitely the turkeys were given the hurry up!

The foxy taken over to find possums, rats and aid in the hunt of the turkeys!

Acorns of course were also stuffed in pockets – who cannot resist picking up acorns? and sometimes the conkers from the chestnuts – but I was never brave enough to cook them. I just showed the children how to play conkers.

Once I was presented with three very different bunches of daffodils – each one representing exactly how that child saw & acted in the world.

To be continued!...

To read previous memories, please see previous newsletters on our website.



AK 373363
1999
48252

AK 373363 A AUCKLAND MUSEUM HERBARIUM
AUCKLAND, NEW ZEALAND
ROSACEAE 22.01
Eoichorda giraldii Hesse



EW 691 A	EASTWOODHILL ARBORETUM HERBARIUM NGATAPA, GISBORNE, NEW ZEALAND
<i>Eoichorda giraldii</i> Hesse. <u>Peckham</u> . <u>Rosaceae</u>	
Loc: J2 New Zealand, Eastwoodhill Arboretum, Gisborne Land District	
Map: NZMS260 X17 Grid: 21-83- Lat: 38°34'S Long 177°44'E Alt: 120-297m	
Hab: Circus Walk, above culvert. Sherratt's Pond to Shikwater.	
Aspect: Partly shaded position beside lowland R. Poplar. More summer shading. On SW side of trees.	
Coll: S. Wills	Date: 14-10-97
Det:	Date:
Remarks: Upright shrubby tree, 10 to 15m. Many stemmed, many branched. Older wood with pale brown scabrous winged and splitting. Leaves dark grey-green, dull upper side. Underside paler. New leaves lighter green. Leaves in whorls or clusters. Flowers pure white, scented 5-petaled, opening out flat but with gap between petals and 5 small lobes in between. Wide green nectary with stamens on outer rim. Flowers in terminal cymes.	



Eastwoodhill Herbarium Now Available Online

In 2018 Eastwoodhill Arboretum donated their herbarium of some 1700 pressed specimens to the Auckland Museum (AK) with the requirement that the original labels were retained and that the specimens would be imaged and available online. Databasing included checking all the scientific names. This task was completed in early 2020, with 62% of the collection from plants growing in the Eastwoodhill Arboretum, the remainder were from different New Zealand locations. Many of the collections were over several sheets – in general we chose 1 or 2 sheets to capture the variation and any extras were gifted to other herbaria, including 309 duplicates to the Scion National Forestry herbarium (NZFRI) at Rotorua.

Some 685 of the Eastwoodhill collections were made by Sally Willis – her specimens are magnificent, always containing fertile material, and artistically mounted on the herbarium sheet. Her extensive notes are most descriptive, e.g., on a specimen of pearlbush (*Exochorda giraldii*): “Upright shrubby tree, height c.3.5m. Many stemmed, many branched. Older wood mid-pale brown, vertically striped and splitting. Leaves dark grey-green, dull upper-side. Underside

paler. New leaves lighter green. Leaves in whorls or clusters. Flowers pure white, scented, 5-petalled, opening out flat but with gap between petals, and 5 small sepals in between. Wide green nectary with stamens on outer rim. Flowers in terminal racemes (see Figure).

The Auckland Museum is extremely pleased to have be gifted such an important collection, containing many Northern Hemisphere species not held elsewhere in New Zealand. Many new species were added to the Museum collection which has strengthened our present holdings to over 13,300 exotic New Zealand cultivated specimens.

This collection is available online to researchers and the public around the world via the Museum website:

www.aucklandmuseum.com/discover/collections
and the Scion material at:
nzfri.scionresearch.com/nzfri

Ewen Cameron
Curator of Botany,
Auckland War Memorial Museum

Contact: ecameron@aucklandmuseum.com

Figure:

Flowering pearlbush (Exochorda giraldii) in the rose family, native to China, collected by Sally Willis, 14 Oct 1997, Eastwoodhill Arboretum, 72, Circus walk, above culvert, Sharratts' Pond to Stillwater (AK 373363).



Two Tasty Leaf recipes

Birdseed Bars

This is a Tasty Leaf favourite, dairy-free and gluten-free and very popular! Provided by Phillida Eiver.

Ingredients

(Toast separately in fry pan or oven)

- 1 cup sesame seeds
- 1 cup coconut (threads or dessicated)
- 1 cup pumpkin seeds
- 1 cup sunflower seeds

Ingredients

(Cook into soft ball stage (soft toffee))

- 1/4 cup honey
- 1/4 cup nut butter
- 1/2 cup brown sugar
- 100 grams butter

Method

Mix all together and press into slice tin.

Slow Cooked Lamb & Pasta

This delicious recipe was served by the Friends of Eastwoodhill 'Tasty Leaf Caterers' to a group of four cyclists that were staying at the Eastwoodhill accommodation in mid-March. If you're coming through to stay, contact us because we can provide meals!

Ingredients

- 750g lean lamb, leg or chump steaks in large cubes
- 75g pancetta or bacon, cubed
- 2 tbsp olive oil
- 1 large chopped onion
- 2 cloves finely chopped garlic
- 2 tbsp flour
- 300ml lamb or chicken stock (or half red wine and half stock)
- 1 tbsp tomato concentrate
- 2 tbsp light muscovado sugar or cane sugar
- 2-3 sprigs rosemary
- 250g cherry tomatoes
- Salt, pepper
- 400g fresh pasta

Method

Preheat the oven to 150°C. Heat the oil in an oven-proof pot. Pat the lamb dry. Brown on high heat, possibly in two batches. Remove with a slotted spoon.

Fry the pancetta and onions until they develop a bit of colour. Stir occasionally. Add the garlic and fry for 30 seconds. Sprinkle with flour and stir. Pour in the stock. Add the tomato concentrate, sugar, rosemary, salt and pepper, and bring to a boil while stirring. Place the meat and whole tomatoes in the pot.

Put the pot in the hot oven for 1 ½ -2 hours or until the meat is very tender. Make sure that the dish does not dry out. If needed, add a little more stock while cooking.

Serve with green salad.

Meanderings of a former Eastwoodhill staffer

Last year in the autumn I took the opportunity to go on a guided tour of the arboretum with curator Martin Weaver and I was so excited to see the progress being made in the Park and on the international connections that he has brought to the table.

I fully intend to go on another guided tour with him and some out of towners I am dragging in this autumn. If you've been a member for a long time and never taken the opportunity you will not regret it. Consider it a way to contribute the future of this wonderful slice of horticultural wizardry – a slightly eccentric collection of superb and wondrous plants shrubs and trees.

Since leaving Gisborne in 2014 I have worked in a national role in the sporting sector, and I now consult to various Ministries and departments in Wellington – which is interesting and sometimes challenging. None of what I do now would have been possible without my time and the networks and experiences gained at Eastwoodhill.

So just to recap for those who don't know me.....

I worked for Eastwoodhill as the PR and marketing consultant from 2006 to 2010 and then I was the General Manager for three years from 2010 to 2013. During this time, we

redeveloped the accommodation and built the playground as well as raised money for numerous other projects.

It was my team that ran the 100-year centenary in the bottom flat which was a marvellous success apart from forgetting to put lights in the porta loos and the Governor-General had to do his business in the dark.

I also led the initiation of the American Friends of Eastwoodhill which started from a conversation Lee Newman had with a bus load of tourists in the Park one day. We worked closely with the Friends on many, many successful events and whilst it was exhausting it was so incredibly rewarding.

I have a long and heartfelt connection with the place and I can honestly say it is a jewel in the crown of not only NZ but the global network of botanic gardens. I think it fitting that I will complete my support of the arboretum with a stint helping the Friends of Eastwoodhill in a volunteer capacity when I am home in Gisborne.

I would love to see you there – we need to make sure we look after this place – there is nothing else quite like it in the world.

Dana Kirkpatrick



Catch up at The Cafe

We are so grateful for the amazing volunteers who have contributed to the cafe.



It has been a great autumn and winter at Eastwoodhill and we have been lucky enough to have the amazing Sally Gaddum running a professional and delicious cafe in the Eastwoodhill Visitor Centre. Sally had an army of volunteers helping her over the last three months whilst the cafe was open Wednesday to Sunday. The cafe will remain open over winter with reduced days, only opening on a Saturday and Sunday.

Sally produced some gorgeous soups, scones, slices and more to serve the hungry crowds coming to see the incredible Autumn colours. Kaye Williams and Susan Kemp have been fantastic at pulling together the volunteers and the Friends have managed to feed many visitors, but also fulfil the needs of the

groups coming through for events and meetings or staying in the accommodation, whilst also raising much needed funds for Eastwoodhill. "We couldn't do it without you all" says Kaye Williams, the hardworking Chair of the Friends and Board Member, "we really have something special here at Eastwoodhill, and I am so proud of the support we are able to show this beautiful showpiece we have in Gisborne".

Thanks go to Sally and all the Friends volunteers working in the cafe or the visitor shop for their tireless help – it truly is appreciated. It's so welcoming to have a cafe for visitors and all the funds raised go towards the running costs of Eastwoodhill. We look forward to extending open days when Spring arrives.



Events & Accommodation Update



We have had four very successful weddings so far this year, with another coming up in mid-April, which is two more than last year combined! We also have four already booked for early 2023 – summer weddings – so we are doing really well on that front. We are earning a reputation for being a premier wedding venue which is great. The photos as you can imagine are just breath-taking in the arboretum.

We are having more and more events being booked in this year, more proof of a reputation preceding us. We have multiple parties, gatherings, conferences and retreats being booked. We have a brand-new wellness retreat booked in for July and three repeat wellness retreat customers more recently booked in for June/July which is amazing. (That is potentially four weeks of full accommodation!)

There are also a heap of new bookings in our accommodation despite COVID. April is looking like it is already basically fully booked. A busy month ahead with accommodation bookings, a wedding, multiple tour groups, school holidays, Autumn colours (which are generating a lot of interest in public enquiries), and Easter and ANZAC day all happening in the next month.

Autumn colours are already making themselves known. Due to a colder February than normal this year the colours are expected to be in full swing early April, so make sure you can come out and see the spectacular sight in person. It will take your breath away!

Sadly we had to cancel the Teddy Bears Picnic due to Covid traffic light restrictions, and this event has now been postponed to Spring 2022.





Come along and stay with us.

We have meals and jeep rides also available to book with your stay.

See our website for more details.



The Home & Gift Shop

After a very successful Christmas party shopping night last year, Marion our shopper extraordinaire has stocked the shop with lots of new pieces. It is very difficult not to walk away with a new something that caught your eye!

“This shop is fabulous! There is nothing quite like this in town!”

“I just got most of my Christmas shopping done in this shop alone, and it is only March!”

“The gift cards are incredible, my family in London are going to love these!”

Customer comments made in March this year.

Eastwoodhill Pukeiti Connections



Eastwoodhill and Pukeiti share much. Eastwoodhill, established on the hills inland from Gisborne in 1910 by Douglas Cook, is now the National Arboretum of New Zealand and is highly regarded internationally.

In his lifetime Douglas Cook planted thousands of trees, many of which were imported. Among them were rhododendrons, of which he was a great enthusiast. He brought to Eastwoodhill 247 species and over 900 cultivars and hybrids (including azaleas) from a range of sources. Many struggled and Douglas realised they would do better in a different climate. After a visit to New Plymouth in 1950 to attend a Rhododendron Association Conference he purchased and donated 60 hectares on Pukeiti Hill adjoining Egmont National Park to establish a rhododendron garden. The Pukeiti Rhododendron Trust was formed, and on the land covered with regenerating forest, tracks and clearings were made and Pukeiti was developed by volunteer effort and through funding from passionate members. Now owned and run by the Taranaki Regional Council, it has never looked better. The Trust has a partnership with the Council and provides advice and over-sight of the collection. Among the many improvements has been the computerisation of the rhododendron collection names which can be accessed by all through the web. Pukeiti has one of the largest collections of species rhododendrons in the world, is particularly known for its vireya, maddenia and big-leafed rhododendrons and is highly regarded internationally. Many of the early plantings were donated by Douglas Cook and included among the rhododendrons were magnolias and michelias which he introduced into New Zealand.

Of the 247 rhododendron species he acquired, 230 remain in cultivation throughout New Zealand, many at Pukeiti. Only a handful remain at Eastwoodhill including some *R. arboreum*, maddenia, and mollis azaleas. In the drought of 1982–83, 26 species succumbed.

While the original emphasis of both Pukeiti and Eastwoodhill, as in most botanic gardens, was on introducing and adding new plants to an ever-expanding collection and then nurturing and maintaining them. The world has changed, no longer is the introduction of new species permitted without expensive quarantine requirements. The focus now

is on conservation, the foremost purpose not only of the collections but of individual species. Many of these are endangered or vulnerable in the native habitat. Some have been lost. Climate change will further add to this.

For species to survive, a population with a genetic range is needed. Initiated by the Pukeiti Rhododendron Trust, working with the TRC, NZRA and Massey University, and headed by Dr Marion Mackay, an ex-situ conservation project (growing species in cultivated collections) has been developed. Species growing in collections throughout the country have been identified, had their source recorded, then collected and propagated. Plants will ultimately be distributed throughout the country to ensure that each is provided with the conditions in which it can thrive. Within a species, its subspecies and varieties often successfully grow in different places. Eastwoodhill because of its relatively dry climate could be an important part of this ex-situ project.

In the future, after collection from the various sites, seeds and scions could be sent to their country of origin, having

been selected to best suit the climate of their proposed new habitat.

Seeds of rare trees grown at Eastwoodhill have already been requested and sent overseas. Using a similar ex-situ project for other species would give further emphasis to the conservation ethic.

Marion Mackay has written this tribute to Douglas Cook:

'Rhododendron collections in New Zealand have their beginnings with people like Douglas Cook, who developed one the country's larger rhododendron collections and, even though it is no longer held at Eastwoodhill, most of the species remain in cultivation in New Zealand. Through the development of his collection, he made a significant contribution to the cultivation of Rhododendron species in New Zealand.'

Mackay M: Early Rhododendron Collections in New Zealand: New Zealand Rhododendron, Vol 4 2016.

Lynn Bublitz
Deputy Chair
Pukeiti Rhododendron Trust

An Aging Population



Unfortunately in the arboretum at the moment we have a number of trees down. A lot of this is due to the fact that our trees are very nearly 100 years old, and also because the growth rate for many of them is far more rapid here than it would be in their native environments. A great example of this is seen in our oak trees, or *Quercus* species. Many of our specimens originate from Europe, for example an 80 to 100 year old oak here, would be

the same size as a 300 - 400 year old tree of the same species in Europe. We also have a deep clay pan under our soil that can stifle the root plate.

Another reason is due to the fact that a lot of our mighty oaks did not receive formative pruning in their earlier years. This can cause rather large uneven growth that can cause "breakouts" which causes irreparable damage. And this will often call for the ultimate removal of the tree.





Friends
OF
Eastwoodhill

Why become of Friend of Eastwoodhill?

As well as helping to support this wonderful place through a 'friendship' (membership) subscription there are lots of good reasons to join the Friends....

Enjoy free access to the arboretum for you and your family

Keep up-to-date and informed through the newsletters

Take advantage of a discounted rate and first option on tickets for special events

10% of goods in the shop

You will be helping us ensure the future of tree specimens for our global future

To become a friend please check out the web site...

www.eastwoodhill.org.nz

Become a Volunteer

Each year the passion for ewh brings many helpers into the park.

100's of volunteer hours are needed to run the arboretum

and maintain this special environment

we need your help!

Ways You Can Help

We would like to put together a group of male volunteers to help out in the park with our more physical or outdoor jobs.

Females are encouraged also!

Volunteer Roles Available

Gardener • Visitor Centre shop volunteer (1 day a year)

Tasty Leaf Caterers • Pop-up café hosts

Special event helpers • Content writing for the newsletter

Fall for Autumn Wordsearch

Find the word in the puzzle. Words can go in any direction.
Words can share letters as they cross over each other.

M Z P W L F T X F A Z V E F N U Y B R M
O A K A H I U X C R V C J Z F E Z V R Z
A S P K G I R N A R A L C F L W S F Z O
J E S L R M J P G T V O A L Z U C G Q Y
S E E F E B Z G A U L I O D O U Y G O H
Q D E F L S J V B L S W U U N J H T L T
V S R W I S Z F E I Y E D Q O R C F M R
O X T D E C T C F Q Z I H L K B D J G A
U P L V X T T S E N C H A N T I N G R E
C L A R O I S V U E T Y P D O C M I W P
H E W R O X C E D Q H F G A T A Y G A M
L V J N N F B M V C S O U S A I J T V E
E C S U Z F W O N R W T Y H M F R C M Q
H R C Z K Q E U U I A G L N I P P Y D U
Q L V P R F R A D N J H L X O N I U Q E
L D D A L C R R C S T U I Q R D W N N R
D E F O L I A T I O N Y H B A V E B W O
X O L M V N D D J U P O C C N V V R G Z
H I G C E U I Z D Z O B A T G F U U J Q
D L O G U M I J A H A C G M E J T N Z K

April
ash
bounty
chilly
collections
crunchy

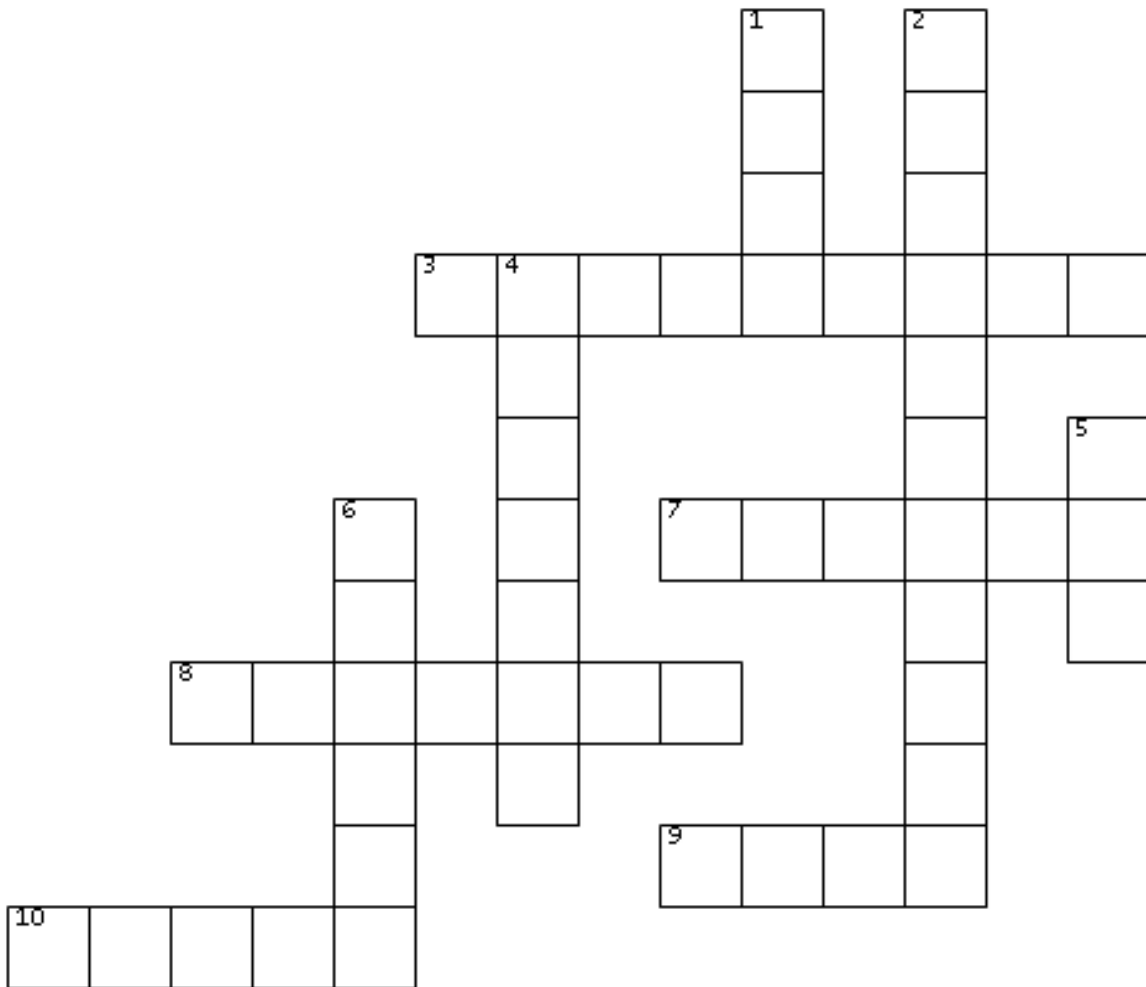
deciduous
defoliation
earthy
enchanted
equinox
fungus

gold
harvest
leaves
maples
nippy
orange

red
seeds
trees
yellow

Autumn Fun Cross Word Puzzle

Use the clues to fill in the words above. Words can go across or down.
Letters are shared when the words intersect.



ACROSS

- Getting naked for a tree
- a vibrant colour found in the Arboretum during Autumn
- Autumn is 1 of 4 of these
- The American word for Autumn
- Used to make a syrup for your pancakes

DOWN

- a vibrant colour found in the Arboretum during Autumn
- chemical which makes tree leaves green
- This marks the time when day and night are of equal length
- a vibrant colour found in the Arboretum during Autumn
- a vibrant colour found in the Arboretum during Autumn



Friends
OF
Eastwoodhill

Friends

We would love to have your support on social media. If you love our images and keen for some member only deals and joining a like-minded community then please join our Friends of Eastwoodhill group on Facebook. The curating team will be sharing some tips and tricks for your garden and we will be posting content on the seasonal goings on at Eastwoodhill. All Friends get entry to this group with your annual Friend-ship (membership!)
www.facebook.com/friendsofeastwoodhill



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