

#### Maramataka / Calendar of Events

# Pipiri a Tahi (Gather and plan)

This is the thirteenth month which ensures the seasons remain in their proper months, good for celebrating a new year with renewed aspirations and plans. Symbolic planting for the New Year. Rāhui.

Possum browse : pine, tōtara, macrocarpa, kānuka, grass, insects.

Whiro	Sun 21 June
Tamatea Io	Sun 28 June
Ohua	Sun 05 June
Tangaroa a Mua	Mon 16 July

## Hōngongoi (Winters huddle)

This month is good for preparing ground plans, tools, and equipment for the busy springtime ahead.
Restoration planting projects.

Possum browse: pine, tōtara, kānuka, pūriri, taraire, insects, birds eggs (e.g. kiwi)

Whiro	Tue 21	July
Tamatea Io	Tue 28	July
Hotu Seed & Seedling MARF		August
Ohua	Tue 04	August

#### Aponga (Swelling seeds and signs of spring)

This month is good for a concerted pest control effort to protect fresh growth and hatching chicks. Lift rāhui, cultivate and prepare ground for spring planting, propagate seeds and tubers. Restoration planting. Monitor waterways.

Possum browse : pine, macrocarpa, tōtara, pūriri, grass, taraire, insects, kiwi eggs.

Whiro	Wed 19 August
Oue-Okoro Sat 2 Regenerative Mara W.	_
Tamatea Io	Wed 26 August
Ohua	Wed 02 September
Tangaroa a Mua	Thu 10 September

#### Uruao (The shoots of spring)

This month is good for nurturing new growth, continuing pest knockdown, weed control, monitoring bird and bush life, spring planting, and propagating nursery seeds. Coordinate and synthesise plans to achieve efficient outcomes during this busy time for all protection, restoration, and enhancement projects.

Possum browse : fresh bud growth, pūriri, taraire, oak, willow, birds eggs and young chicks, citrus.

Whiro	Thu	17	September
Oue	Sun	20	September
Bird and Bush Watch	WĀNAI	IGA	
Spring Equinox	Tue	22	September
Tamatea Io	Thu	24	September
Ohua	Fri	02	October
Tangaroa a Mua	Sat	10	October

#### Tumatareia (The warming earth)

This month is good for planting food crops like kūmara and rīwai. Protect new growth of plants and bird life from pests and weeds. Nurture and nourish the young.

Possum browse: fresh growth, pūriri, taraire, willow, birds eggs and chicks, citrus, karamu, kanono kohekohe.

Whiro	Sat 17 October
Tamatea Io	Sat 24 October
Hotu TE WHAKAPUTANGA / I	Wed 28 October ndependence Day
Ohua	Sun 01 November
Tangaroa o Mua	Mon 09 November

#### Rongo Tapu (Warm growth abounds)

This month is good for protecting the restoration and garden plantings that have been established — releasing plants and establishing mulch and ground covers. Time to conserve and store water for the coming summer, and

Whiro Sun 15 November

Tamatea Sat 21 November Kaitiaki Ranger TRAINING — Venue tbc

monitor waterways after spring
flooding and before summer dry. Good
month for targeting mustelids, i.e.
stoats, weasels, ferrets
Possum browse: tōtara, native and
fruiting buds, pohutukawa, clover and
grasses, roses and garden plants.

Tamatea Io	Sun	22	November
Ohua	Mon	30	November
Tangaroa a Mua	Tue	08	December

#### Akawhenua (Vines entangle circling upward towards a golden Sun)

This month is good for protecting, restoring and enhancing the gains made from Spring, especially sources of water and ground retention. Good time to access winter rāhui areas to do restoration work while the ground is dry and not too hard. Monitor and overview the outcomes of your ngahere and taiao restoration activities. Target mustelids.

Possum browse: tōtara, taraire, pūriri, pohutukawa, tī kouka, karamu, kanono, kohekohe, fruit trees.

Whiro	Tu	15	December
Tamatea a ngana Kaitiaki Whangaroa A GENERAL MEETING — Ve	Associ	iati	December on Inc
Longest day	Mon	21	December
Tamatea Io	Tue	22	December
Ohua	Wen	30	December
Tangaroa a Mua	Wen	06	January

#### Rehua (The heat rises through Rehua — the red star)

This month is good for protecting the ngahere and taiao from human impacts during this hot month of long days, e.g. waterways, beaches, coast, marine, off track freedom tourists. Ensure adequate watering of vulnerable species, and stay cool. Good time for fishing and water based activities. Possum browse: all fruits — taraire, tōtara, kahikatea, pūriri, orchard fruits.

Whiro	Wen	13	January
Tamatea Io	Thu	21	January
Ohua	Fri	29	January
Tangaroa a Mua	Fri	05	February

#### Hauparua (Winds of change)

This month is good for monitoring to protect, restore and enhance the life of your waterways at this dry and sluggish time. Ensure adequate watering, maintain pest and weed control. Prepare storage etc for coming autumn resource gathering and harvests.

Possum browse: all fruits — kanono, karamu, miro, mahoe, hinau.

Whiro	Fri	12	February
Tamatea Io	Sat	20	February
Ohua	Sat	27	February
Tangaroa a Mua	Sat	06	March

## Ngahuru (Harvest of bounty)

This month is good for a concerted pest knockdown to protect the harvest of bounty that will ensure a prosperous winter for all of Tāne's creatures — humans included. Time to source seed, and control insect, fungi, and pathogenic pests from the rising damp and humidity.

Possum browse: fruits, kohekohe, mahoe, hinau, coprosma, grasses, insects, fungi.

Whiro	Sat 1	13	March
Autumn equinox	Sat 2	20	March
Tamatea a ngana Autumn Bush and Bird - Venue tbc			_
Tamatea Io	Mon 2	22	March
Ohua	Mon 2	29	March
Tangaroa a Mua	Sun 0	)4	April

### Tuma (Challenges approach)

This month is good for pest, weed and fungus/mould control to protect the integrity of the harvest of crops and seed stocks. Prepare ground and plant for a winter garden.

Whiro	Mon	12	April
Tamatea Io	Tue	20	April
Ohua	Tue	27	April
Tangaroa a Mua	Tur	04	May

# Wehewehe (Warmth and light leave Papatuanuku — make good your house)

This month is good for securing stores and housing to prepare and transition into winter. Attention to rodent control as everything seeks a nice place for winter. Collate and analyse the years monitored information and determine traplines and plans for a spring knockdown, and rāhui areas to be fallowed and restored over the winter months, Monitor and attend to waterways before the winter rains.

Possum browse: pine, macrocarpa, tōtara, clover and grasses, insects,

Whiro	Wen	12	May
Tamatea Io	Thu	20	May
Ohua	Wen	26	May
Tangaroa a Mua	Wen	02	June

# Pipiri (Snug, cling together)

fungi.

This month is good for tucking everything into a cosy bed for the

Whiro Thu 10 June

cold, wet, damp time of the year, and		
to place and enforce rāhui. Seed		
protection and food storage. Kiwi		
listening and monitoring. Time to		
reflect on the outcomes of the past		
years activities and form aspirations		
and plans for the New Year.		
Possum browse: pine, tōtara, mahoe,		
kānuka, grass, insects.		

Tamatea Io	Fri 18 June
Longest night PUANGA STAR VIGIL,	Sun 20 June New Year Begins
Ohua	Fri 25 June
Tangaroa a Mua	Fri 02 July

This environmental restoration plan is based on the Ngati Miro Whangaroa Maramataka  $\,$