

A TAURANGA PORT COMMUNITY COMMITTED TO BIOSECURITY EXCELLENCE

2019 CALENDAR



Photo credit: Chris Parker



Biosecurity New Zealand
Ministry for Primary Industries
Manatū Ahu Matua



NUN MOTH



MALE
Feathery antennae



FEMALE
Hairy, stout body



Egg Mass

LOOK OUT FOR EGG MASSES ON:

Especially found on pine



0 cm

5 cm



NUN MOTH CAN TRAVEL FROM
– Europe

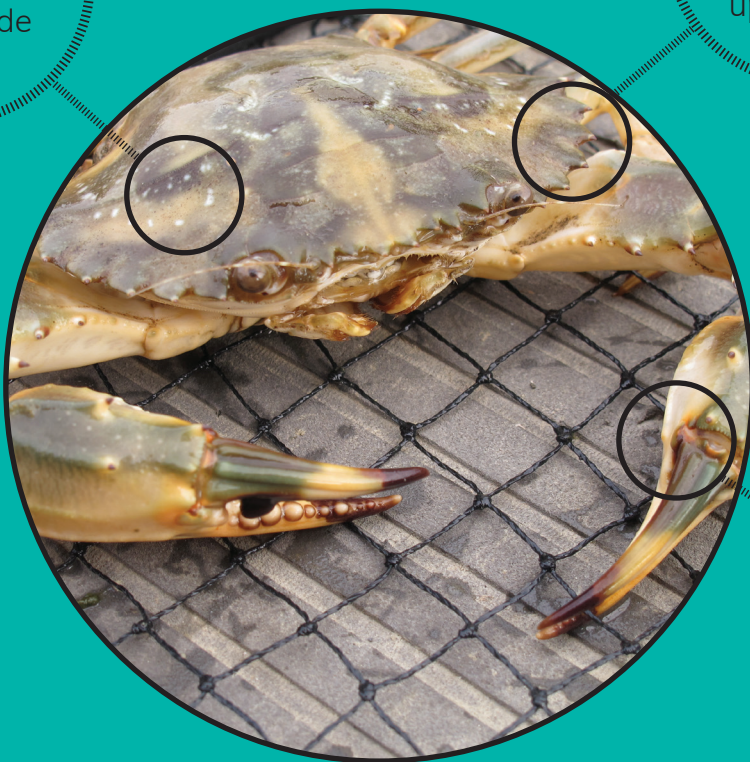


IF YOU COME ACROSS ONE OF THESE:
CATCH IT! SNAP IT! REPORT IT!

0800 80 99 66

ASIAN PADDLE CRAB

Hard upper
shell up to
12cm wide



Six prominent
spines on each
side of the hard
upper shell

Can be coloured
from off-white and
pale green, through
to a deep chestnut
brown

I CAN ENTER
NZ ON:

FIND ME:

- low tide
- sand and mud
- estuaries
- harbours
- coastal habitats



Photo credit:
Serena Cox, NIWA.



ASIAN PADDLE CRAB
– Auckland – Northland



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SPOTTED LANTERNFLY

Adult is up to 2.5cm long
and 1.2cm wide.

3 cm

0 cm

Grey
forewing with
black spots



Hind wings
have red
and black
patches

Yellow
abdomen
with black
bands

I CAN ENTER
NZ ON:



Photo credit:
Pennsylvania Department of Agriculture.



LANTERNFLY CAN TRAVEL FROM

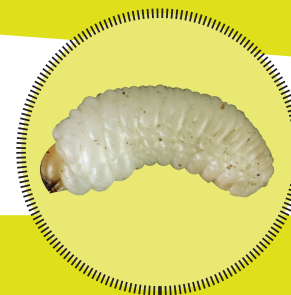
- China
- India
- Vietnam
- Korea
- USA



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0800 80 99 66

BAR K BEE TLES



Larvae



ADULT

Same size as a grain of rice

Black cylinder shaped body

I CAN ENTER NZ ON:

Especially found on pine



BAR K BEE TLES CAN TRAVEL FROM
– Australia – North America – Europe



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APRIL/19

A Tauranga port community
committed to biosecurity excellence

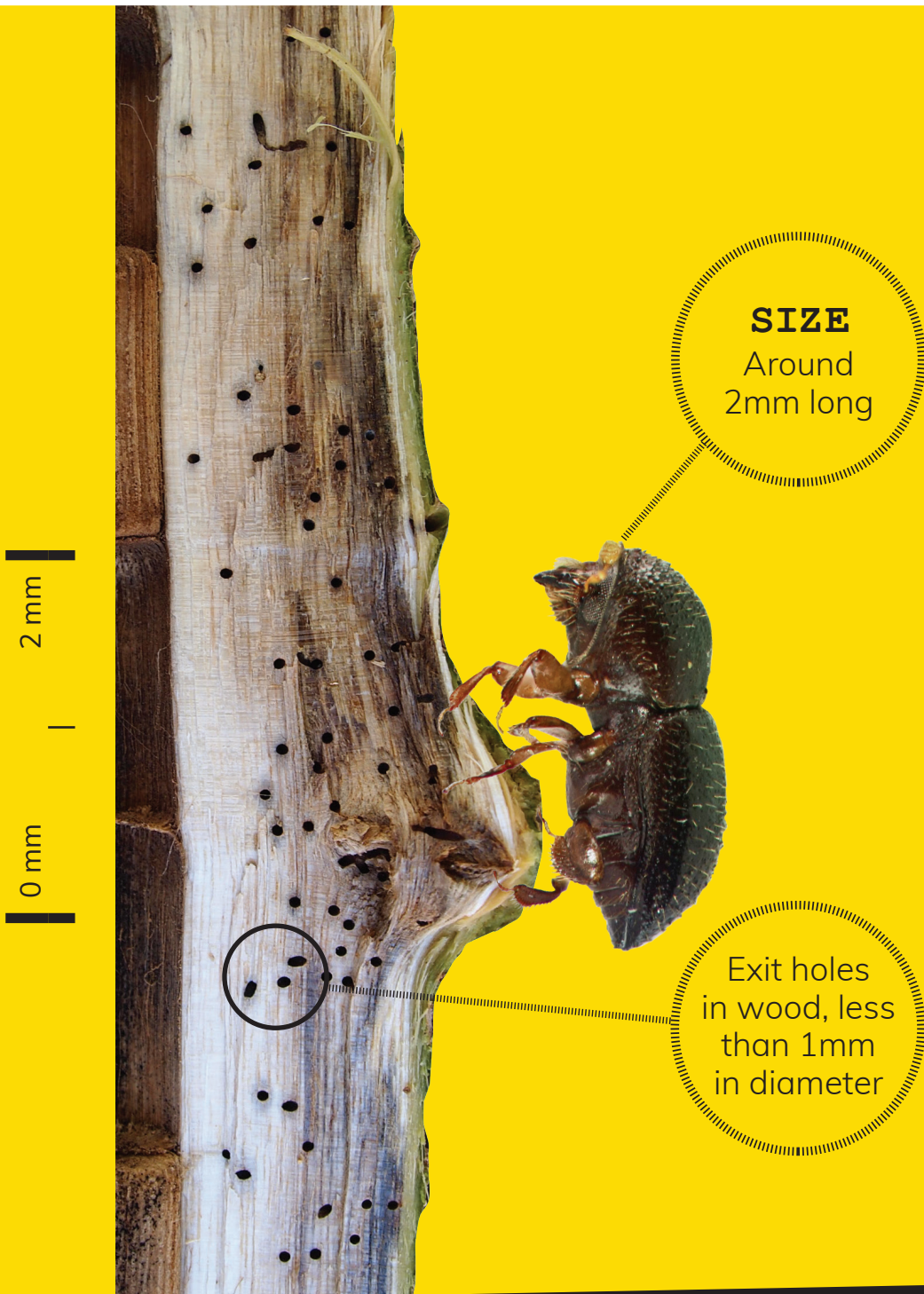
MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY
1	2	3	4	5	6	7 • Daylight savings ends
8	9	10	11 • Term 1 ends	12	13	14
15	16	17	18 • Good Friday	19	20	21
22 • Easter Monday	23 • Southland Anniversary	24	25 • Anzac Day	26	27	28
29 • Terms 2 starts	30	1	2	3	4	5



BIOSECURITY THREAT CHART

HIGH-RISK ENTRY MONTHS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Nun Moth	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue
Asian Paddle Crab	Light Teal	Light Teal	Light Teal	Light Teal	Light Teal	Light Teal	Light Teal	Light Teal	Light Teal	Light Teal	Light Teal	Light Teal
Spotted Lanternfly	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green	Light Green
Bark Beetles	White	White	White	Dark Green (Bark Beetle)	Dark Green (Bark Beetle)	Dark Green (Bark Beetle)	Dark Green (Bark Beetle)	Dark Green (Bark Beetle)	Dark Green (Bark Beetle)	Dark Green (Bark Beetle)	White	White
Shot Hole Borer	Light Yellow	Light Yellow	Light Yellow	Light Yellow	Light Yellow	Light Yellow	Light Yellow	Light Yellow	Light Yellow	Light Yellow	Light Yellow	Light Yellow
Red Imported Fire Ants	Light Orange	Light Orange	Light Orange	Light Orange	Light Orange	Light Orange	Light Orange	Light Orange	Light Orange	Light Orange	Light Orange	Light Orange
Asian Gypsy Moth	White	White	White	White	White	White	Light Orange	Light Orange	Light Orange	White	White	White
Giant African Snail	Light Red	Light Red	Light Red	Light Red	Light Red	Light Red	Light Red	Light Red	Light Red	Light Red	Light Red	Light Red
Brown Marmorated Stink Bug	Light Pink	Light Pink	Light Pink	Light Pink	White	White	White	Light Pink	Light Pink	Light Pink	Light Pink	Light Pink
Fruit Flies	Light Purple	Light Purple	Light Purple	Light Purple	Light Purple	White	White	Light Purple	Light Purple	Light Purple	Light Purple	Light Purple
Mediterranean Fanworm	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue
Yellow Spotted Stink Bug	Light Blue	Light Blue	Light Blue	Light Blue	White	White	White	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue

SHOT HOLE BORER



I CAN ENTER
NZ ON:



SHOT HOLE BORER CAN TRAVEL FROM
– USA (California) – South East Asia – Israel



IF YOU COME ACROSS ONE OF THESE:
CATCH IT! SNAP IT! REPORT IT!

0800 80 99 66

INVASIVE ANTS



Red Imported
Fire Ant
3–6mm long

Reddish-
brown
in colour

Shiny
abdomen

Look out for
any unusual
ants

I CAN ENTER
NZ ON:



Yellow Crazy Ant
4–5mm long



Carpenter Ant
Up to 13mm long



INVASIVE ANTS

– Australia – North America – South America



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0800 80 99 66

JUNE /19

A Tauranga port community
committed to biosecurity excellence

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY
27	28	29	30	31	1	2
3 • Queens Birthday	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30



BIOSECURITY THREAT CHART

HIGH-RISK ENTRY MONTHS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Nun Moth	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue
Asian Paddle Crab	Teal	Teal	Teal	Teal	Teal	Teal	Teal	Teal	Teal	Teal	Teal	Teal
Spotted Lanternfly	Light Green	Light Green	Light Green	Light Green	Light Green	White	White	White	Light Green	Light Green	Light Green	Light Green
Bark Beetles	White	White	White	Light Yellow	Light Yellow	Light Yellow	Light Yellow	Light Yellow	Light Yellow	Light Yellow	White	White
Shot Hole Borer	Light Yellow	Light Yellow	Light Yellow	Light Yellow	Light Yellow	Light Yellow	Light Yellow	Light Yellow	Light Yellow	Light Yellow	Light Yellow	Light Yellow
Red Imported Fire Ants	Ant Icon	Ant Icon	Ant Icon	Ant Icon	Ant Icon	Ant Icon	Ant Icon	Ant Icon	Ant Icon	Ant Icon	Ant Icon	Ant Icon
Asian Gypsy Moth	White	White	White	White	White	White	Light Orange	Light Orange	Light Orange	White	White	White
Giant African Snail	Light Pink	Light Pink	Light Pink	Light Pink	Light Pink	Light Pink	Light Pink	Light Pink	Light Pink	Light Pink	Light Pink	Light Pink
Brown Marmorated Stink Bug	Light Pink	Light Pink	Light Pink	Light Pink	White	White	White	White	Light Pink	Light Pink	Light Pink	Light Pink
Fruit Flies	Light Purple	Light Purple	Light Purple	Light Purple	Light Purple	White	White	White	Light Purple	Light Purple	Light Purple	Light Purple
Mediterranean Fanworm	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue	Light Blue
Yellow Spotted Stink Bug	Light Blue	Light Blue	Light Blue	Light Blue	White	White	White	White	Light Blue	Light Blue	Light Blue	Light Blue

ASIAN GYPSY MOTH



MALE
30–40mm
wingspan

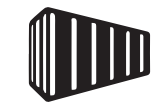


FEMALE
90mm
wingspan



Egg Mass

LOOK OUT
FOR EGG
MASSES ON:



ASIAN GYPSY MOTH CAN TRAVEL FROM
– China – Japan – Russia – South Korea



IF YOU COME ACROSS ONE OF THESE:
CATCH IT! SNAP IT! REPORT IT!

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GIANT AFRICAN SNAIL



You will recognise me by my size, I am huge... 10-20cm!

I CAN ENTER NZ ON:



GIANT AFRICAN SNAIL CAN TRAVEL FROM

- Pacific Islands
- Sri Lanka
- Mauritius
- South East Asia
- Brazil
- Seychelles
- China
- Caribbean
- Réunion Island
- India
- West Africa



IF YOU COME ACROSS ONE OF THESE:
CATCH IT! SNAP IT! REPORT IT!

0800 80 99 66

BROWN MARMORATED STINK BUG



Striped antennae

Striped bands on abdomen

I CAN ENTER NZ ON:

I'm larger than NZ shield bugs and around the size of a 10c coin



BROWN MARMORATED STINK BUG

- Eastern USA (greatest risk)
- All other USA
- Europe
- China
- Korea
- Taiwan
- Japan
- Chile



IF YOU COME ACROSS ONE OF THESE:
CATCH IT! SNAP IT! REPORT IT!

0800 80 99 66

FRUIT FLIES



Queensland
Fruit Fly
6–8mm long

I CAN ENTER
NZ ON:



Oriental Fruit Fly
7mm long



Mediterranean
Fruit Fly
6mm long



Larvae in
fruit 2mm
long

We are
all small and
colourful
flies



FRUIT FLIES

- Australia
- Pacific Islands
- South East Asia
- Mediterranean
- South America
- Africa
- USA



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CATCH IT! SNAP IT! REPORT IT!

0800 80 99 66

MEDITERRANEAN FANWORM

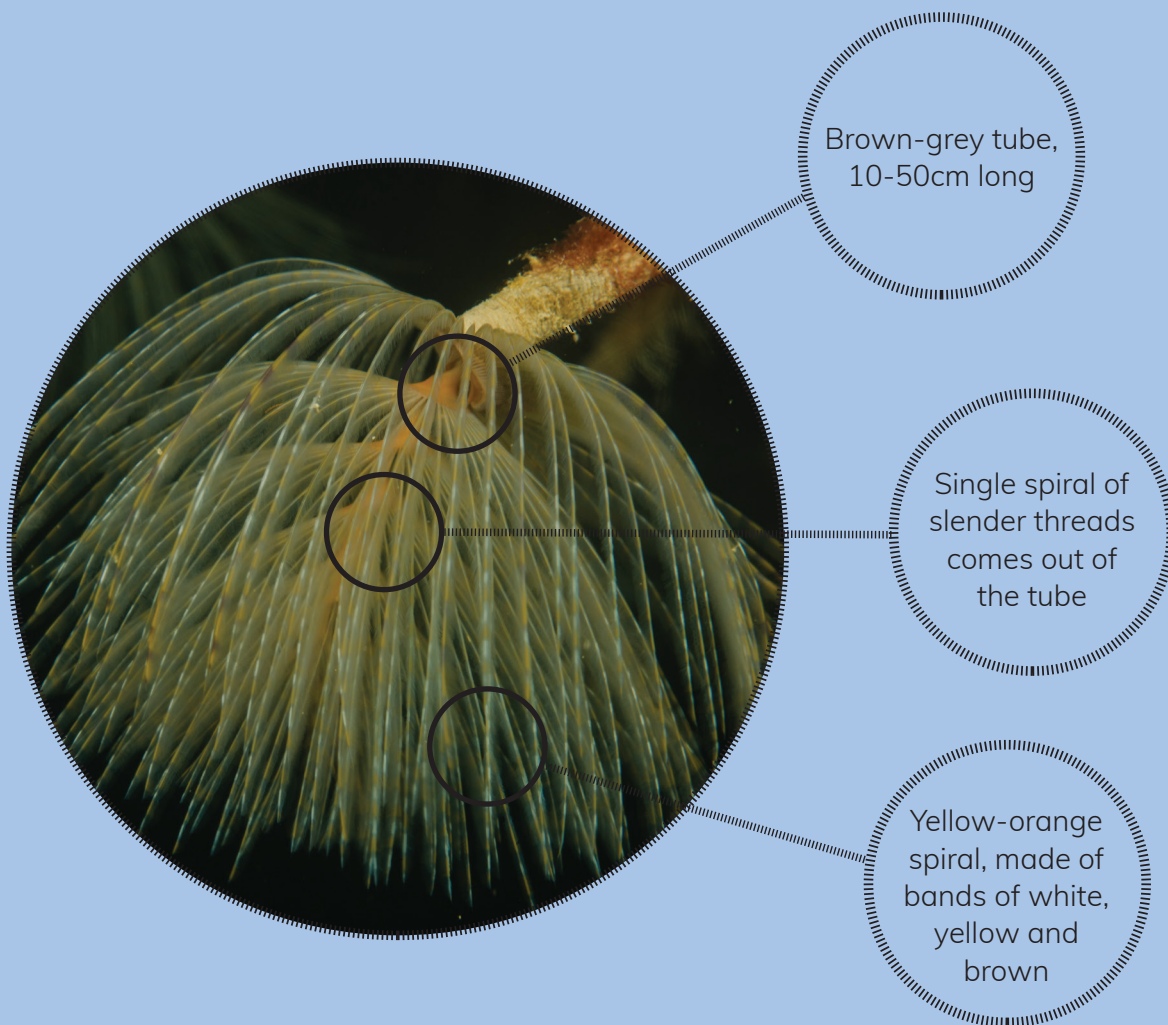


Photo credit:
Crispin Middleton, NIWA.

I CAN ENTER
NZ ON:

FIND ME:

- low tide
- sheltered harbours
- boat hulls
- wharves
- pontoons



MEDITERRANEAN FANWORM

– Auckland

– Northland



IF YOU COME ACROSS ONE OF THESE:
CATCH IT! SNAP IT! REPORT IT!

0800 80 99 66

YELLOW SPOTTED STINK BUG



Blackish-brown and covered with small yellow spots

SIZE
Up to 23mm long

I CAN ENTER NZ ON:

I'm larger than NZ shield bugs and around the size of a 10c coin



YELLOW SPOTTED STINK BUG

- Japan
- Taiwan
- China
- Vietnam



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CATCH IT! SNAP IT! REPORT IT!

0800 80 99 66

BIOSECURITY EXCELLENCE AT PORT OF TAURANGA

Everyone who works in and around the port can play a big part in keeping unwanted pests and diseases out of New Zealand.

Pests and diseases from offshore can cause serious harm to New Zealand's unique environment and primary industries; and the Port of Tauranga is one of many ways in which they can enter.

That's why the Port of Tauranga is working with other key organisations to pursue 'biosecurity excellence at the Port' – an award winning initiative to lift biosecurity protection at the Port and its transitional facilities through a partnership approach between port staff, associated industries and government.

This partnership explores opportunities to innovate and strengthen the current screening and inspection programmes at the Port of Tauranga and progresses initiatives to reduce biosecurity risks.

This calendar features 12 of our most unwanted pests that could potentially enter through the Port of Tauranga. Our best chance at keeping them out includes surveillance among people who know what to look for and can identify and report these pests, should they arrive.

Transitional facilities and associated industries such as transporters and other logistical organisations can provide vital assistance with this surveillance.

By working together, we can help protect New Zealand's environment and primary industries from unwanted biosecurity risks.



IF YOU COME ACROSS ANY OF THE PESTS FEATURED IN THIS CALENDAR:
CATCH IT! SNAP IT! REPORT IT! 0800 80 99 66



Biosecurity New Zealand
Ministry for Primary Industries
Manatū Ahu Matua

