




2018

Cool Insects Calendar



A vibrant, abstract painting featuring a wasp and a bee. The wasp, with a yellow and black striped body and a pointed abdomen, is positioned in the lower right. The bee, with a blue head and purple body, is in the upper right. The background is a deep purple, adorned with red flowers and a green plant. The style is expressive and colorful.

What's wrong with wasps?

Wasps are distinguishable from bees by their pointed lower abdomens and the narrow "waist," called a petiole, that separates the abdomen from the thorax. They come in every color imaginable, from the familiar yellow to brown, metallic blue, and bright red. There are 75,000 identified species of wasps in the world.

Wasps have a useful purpose. They are fierce predators as they hunt and eat almost every insect pest that harms crops. Wasps eat grasshoppers, aphids, flies and other bees. They also eat nectar, tree sap and fruit.

JANUARY 2018

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1 New Year's Day	2	3	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	31		Australia Day	

Beetles are your friends!

Beetles have very solid and tough bodies and powerful jaws. They have little wings but can still fly. Most adult beetles are brown or black, but some are very brightly colored. There are over 300,000 known species of beetles, and probably tens of thousands still unknown.



FEBRUARY 2018

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	Valentine's Day	22	23	24
25	26	27	28			



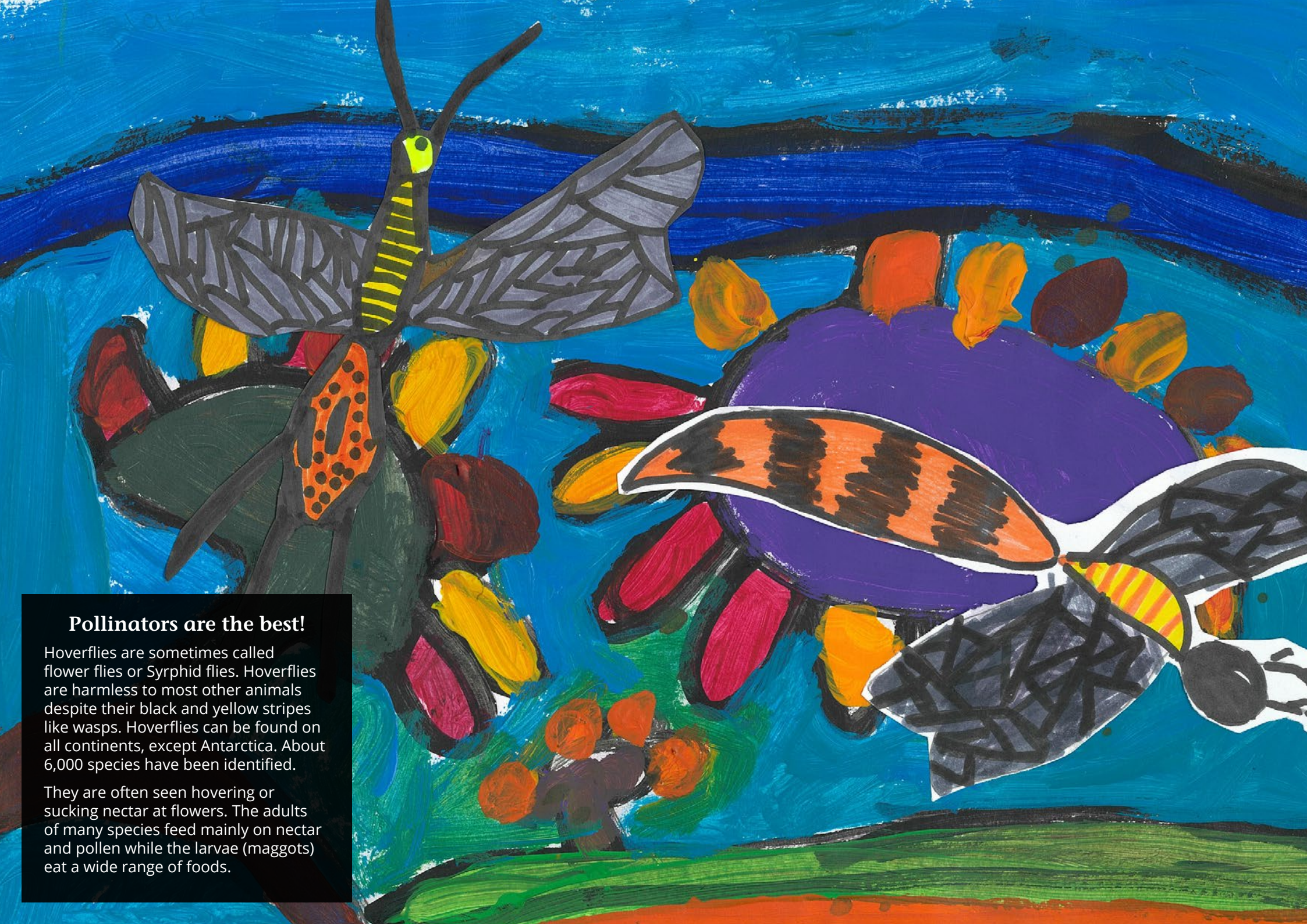
Don't be cruel to ladybirds!

Ladybirds are also known as lady beetles or ladybugs, and are considered good luck in many cultures. They come in many different colours and patterns, but the most have spots and a shiny, red-and-black body.

Most people like ladybirds because they are pretty, graceful and harmless to humans. There are about 5,000 different species of ladybirds in the world.

MARCH 2018

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1	2	3
4	5 Labour Day (WA)	6	7	8	9	10
11	12 Labour Day (VIC) Eight Hours Day (TAS) Adelaide Cup (SA) Canberra Day (ACT)	13	14	15	16	17 St. Patrick's Day
18	19	20	21	22	23	24
25	26	27	28	29	30 Good Friday	31 Easter Saturday



Pollinators are the best!

Hoverflies are sometimes called flower flies or Syrphid flies. Hoverflies are harmless to most other animals despite their black and yellow stripes like wasps. Hoverflies can be found on all continents, except Antarctica. About 6,000 species have been identified.

They are often seen hovering or sucking nectar at flowers. The adults of many species feed mainly on nectar and pollen while the larvae (maggots) eat a wide range of foods.

APRIL 2018

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1 Easter Sunday	2 Easter Monday	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25 Anzac Day	26	27	28
29	30					



Let the beetles be!

Beetles are found on land and in fresh water all over the world.

Beetles are very useful. Dung beetles help get rid of waste, some beetles eat wood and help break down dead trees, some beetles feed on pollen and help pollinate flowers.

MAY 2018

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1	2	3	4	5
6	7 May Day (NT) Labour Day (QLD)	8	9	10	11	12
13 Mother's Day	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

Go pollinators!

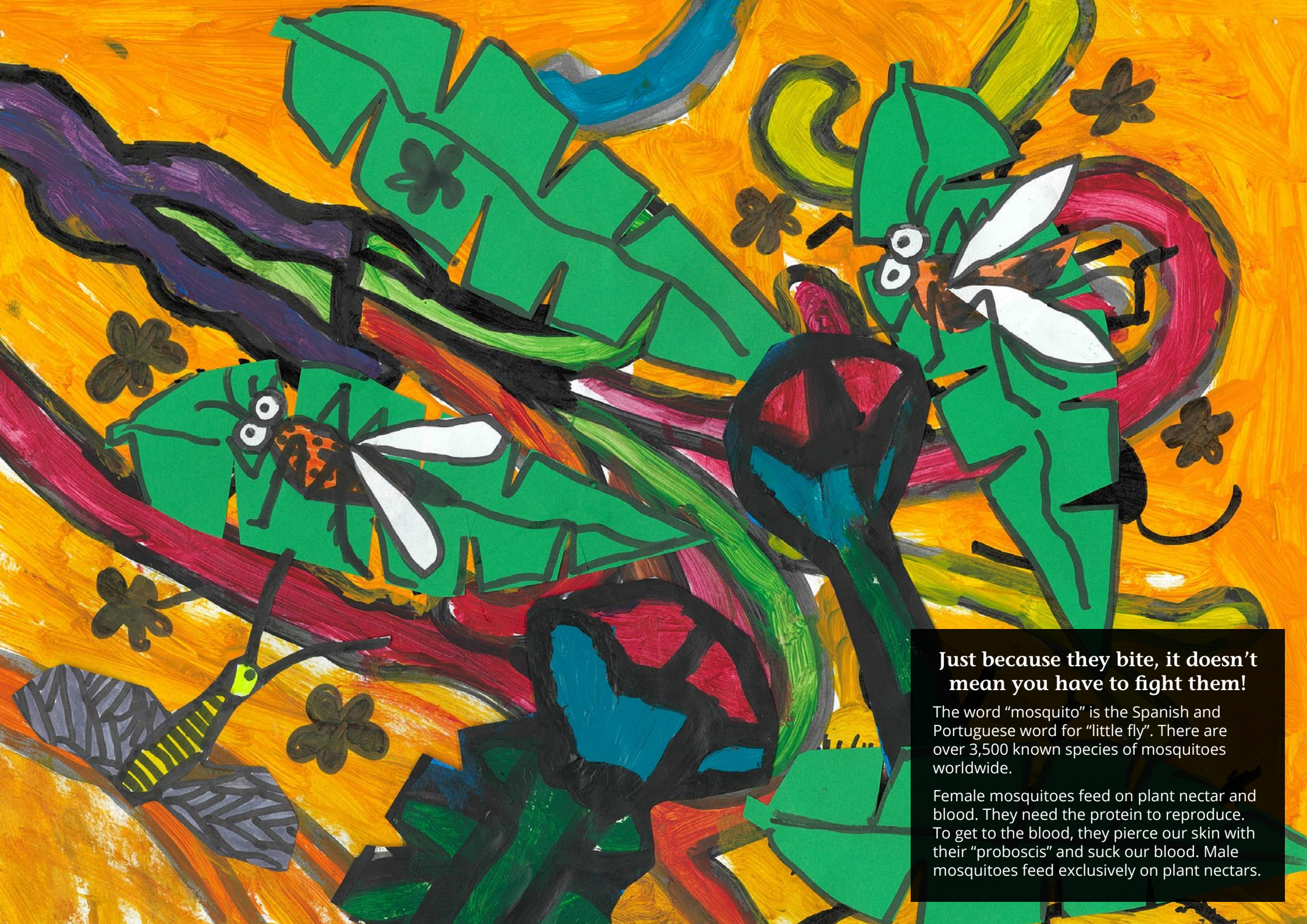
Butterflies often have four brightly coloured wings with unique patterns made up of tiny scales. They can live in the adult stage from anywhere between a week and a year, depending on the species.

Scientists estimate that there are between 15000 and 20000 different species of butterfly. Most butterflies feed on nectar from flowers.



JUNE 2018

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1	2
3	4 Western Australia Day (WA)	5	6	7	8	9
10	11 Queens Birthday (All states except WA and QLD)	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30




Just because they bite, it doesn't mean you have to fight them!

The word "mosquito" is the Spanish and Portuguese word for "little fly". There are over 3,500 known species of mosquitoes worldwide.

Female mosquitoes feed on plant nectar and blood. They need the protein to reproduce. To get to the blood, they pierce our skin with their "proboscis" and suck our blood. Male mosquitoes feed exclusively on plant nectars.

JULY 2018

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3	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	31				



Dragonflies get rid of pests, dragonflies are the best!

Dragonflies are insects that have long bodies, transparent wings, and large eyes. They come in a variety of colours including blue, green, yellow, and red. There are over 5,000 species of dragonflies.

Dragonflies can hover in one place, fly extremely fast, and even fly backwards. They live throughout the world and like warm climates and to be close to water.

One of the best things about dragonflies is that they like to eat mosquitoes and gnats. They are carnivores and eat all types of other insects too including cicadas, flies, and even other smaller dragonflies.

AUGUST 2018

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1	2	3	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	31	



Bees are more scared of you then you are of them!

Bees are flying insects closely related to wasps and ants. There are nearly 20,000 known species of bees. They are found on every continent, except Antarctica, and in every habitat on the planet that contains insect-pollinated, flowering plants. Bees are pollinators and some even make honey and beeswax.

SEPTEMBER 2018

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1
2	3	4	5	6	7	8
Father's Day						
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

If you annoy flies, you will pay the price!

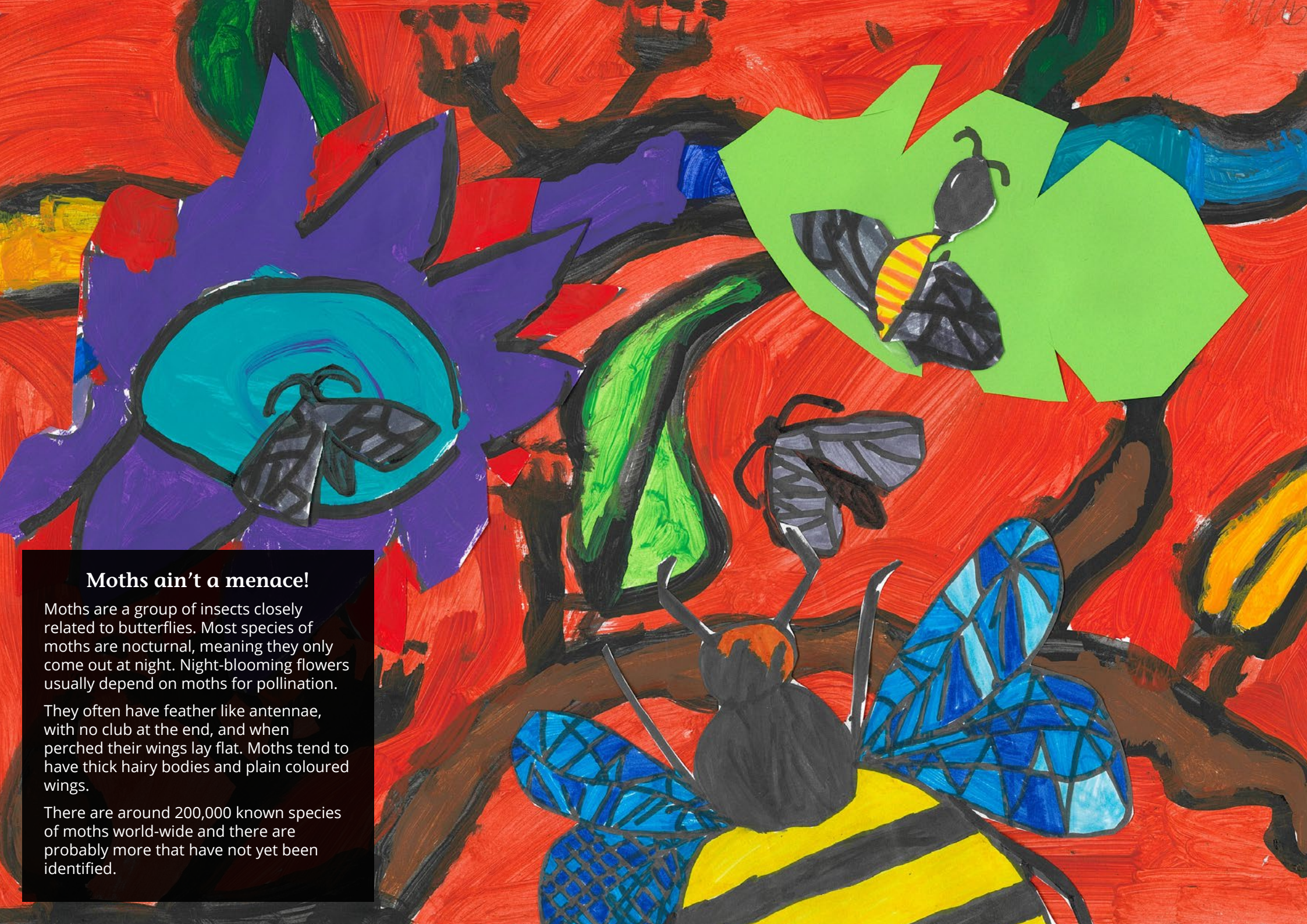
Flies are named after the French word *oldipetron* which means "Two Wings".

Flies have mobile heads and a pair of large compound eyes. Their mouth parts are designed for piercing and sucking. Flies clean up left over waste. Not all flies bite, spew, poo and annoy. Some flies are actually quite good for the environment. They clean up muck; and without them we would be living in muck.



OCTOBER 2018

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1 Labour Day (NSW) Labour Day (ACT) Labour Day (SA) Queens Birthday (QLD, WA))	2	3	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	31			



Moths ain't a menace!

Moths are a group of insects closely related to butterflies. Most species of moths are nocturnal, meaning they only come out at night. Night-blooming flowers usually depend on moths for pollination.

They often have feather like antennae, with no club at the end, and when perched their wings lay flat. Moths tend to have thick hairy bodies and plain coloured wings.

There are around 200,000 known species of moths world-wide and there are probably more that have not yet been identified.

NOVEMBER 2018

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1	2	3
4	5	6	7	8	9	10
		Melbourne Cup Day (VIC)				
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	



**Insects are the best,
so please don't kill them!**

All Insects have three body parts a head, thorax, and abdomen. They also have six legs and antennae. One of the main jobs they do is to pollinate plants and fruits.

DECEMBER 2018

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
						1
2	3	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
	Christmas Eve	Christmas Day	Boxing Day			
30	31					
	New Year's Eve					

This calendar was prepared by Year 3 students from
Thurgoona Public School as part of the
2017 Creative Catchment Kids program.

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JANUARY 2019						
S	M	T	W	T	F	S
		1	2	3	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	31		

FEBRUARY 2019						
S	M	T	W	T	F	S
					1	2
3	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		

MARCH 2019						
S	M	T	W	T	F	S
					1	2
3	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
31						

APRIL 2019						
S	M	T	W	T	F	S
	1	2	3	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				

MAY 2019						
S	M	T	W	T	F	S
			1	2	3	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	31	

JUNE 2019						
S	M	T	W	T	F	S
						1
2	3	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						

JULY 2019						
S	M	T	W	T	F	S
	1	2	3	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	31			

AUGUST 2019						
S	M	T	W	T	F	S
				1	2	3
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	31

SEPTEMBER 2019						
S	M	T	W	T	F	S
1	2	3	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					

OCTOBER 2019						
S	M	T	W	T	F	S
		1	2	3	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	31		

NOVEMBER 2019						
S	M	T	W	T	F	S
					1	2
3	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

DECEMBER 2019						
S	M	T	W	T	F	S
1	2	3	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	31				

