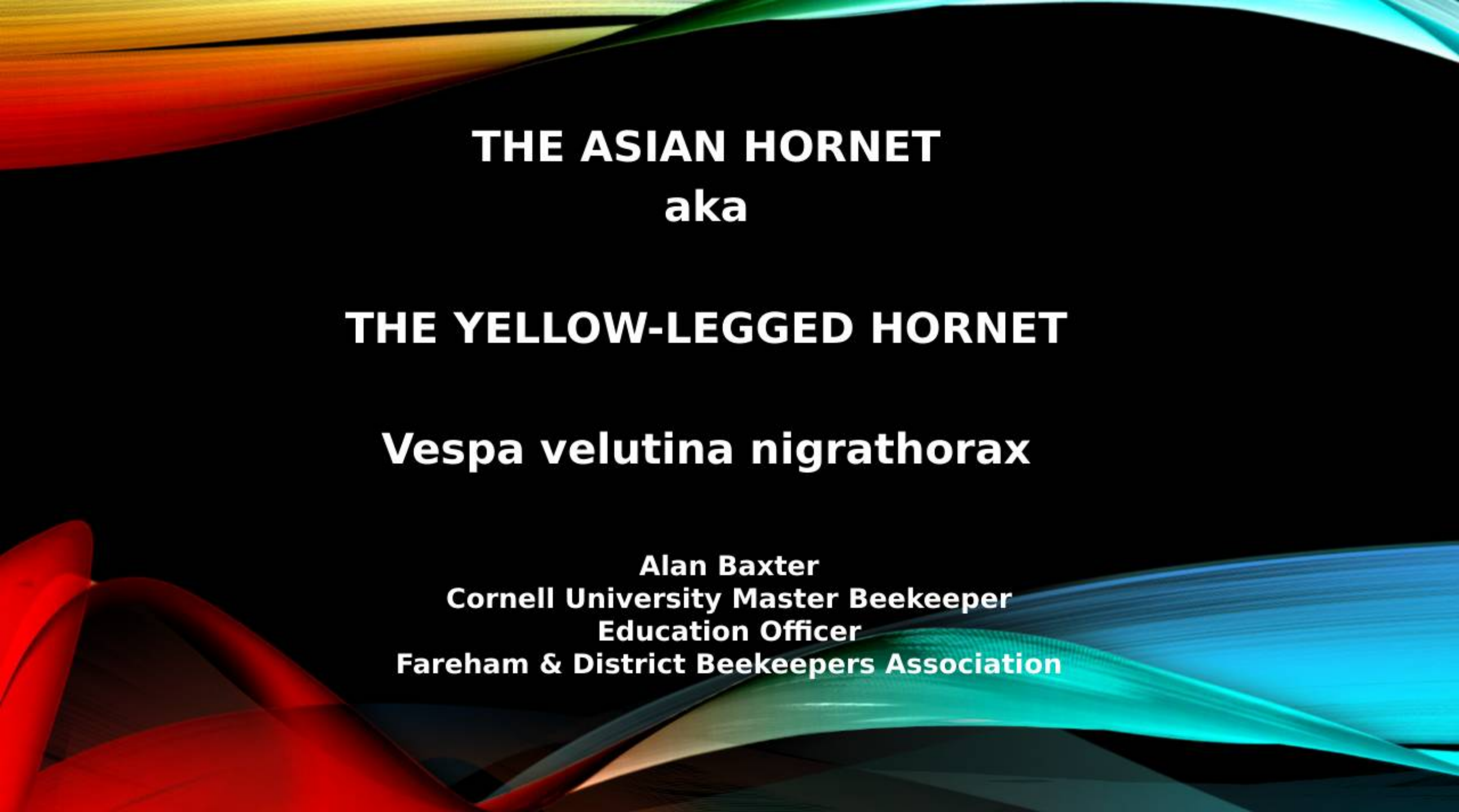




THE ASIAN HORNET
aka

THE YELLOW-LEGGED HORNET

Vespa velutina nigrathorax

Alan Baxter
Cornell University Master Beekeeper
Education Officer
Fareham & District Beekeepers Association

Asian hornets are here to stay

It's not the end of the world

It's not the end of beekeeping

But we need to raise our game

First know your enemy learn how and where he lives



DESCRIPTION

- 25 mm length
- Head black with orange face
- Thorax black & velvety
- Abdomen black with wide orange stripe on 4th segment
- Yellow tips to legs



OTHER SPECIES



**Asian
Hornet**

Copyright Alan Baxter 2026



European Hornet



Wasp

HARMELESS LOOKALIKES



**Wood
wasp**

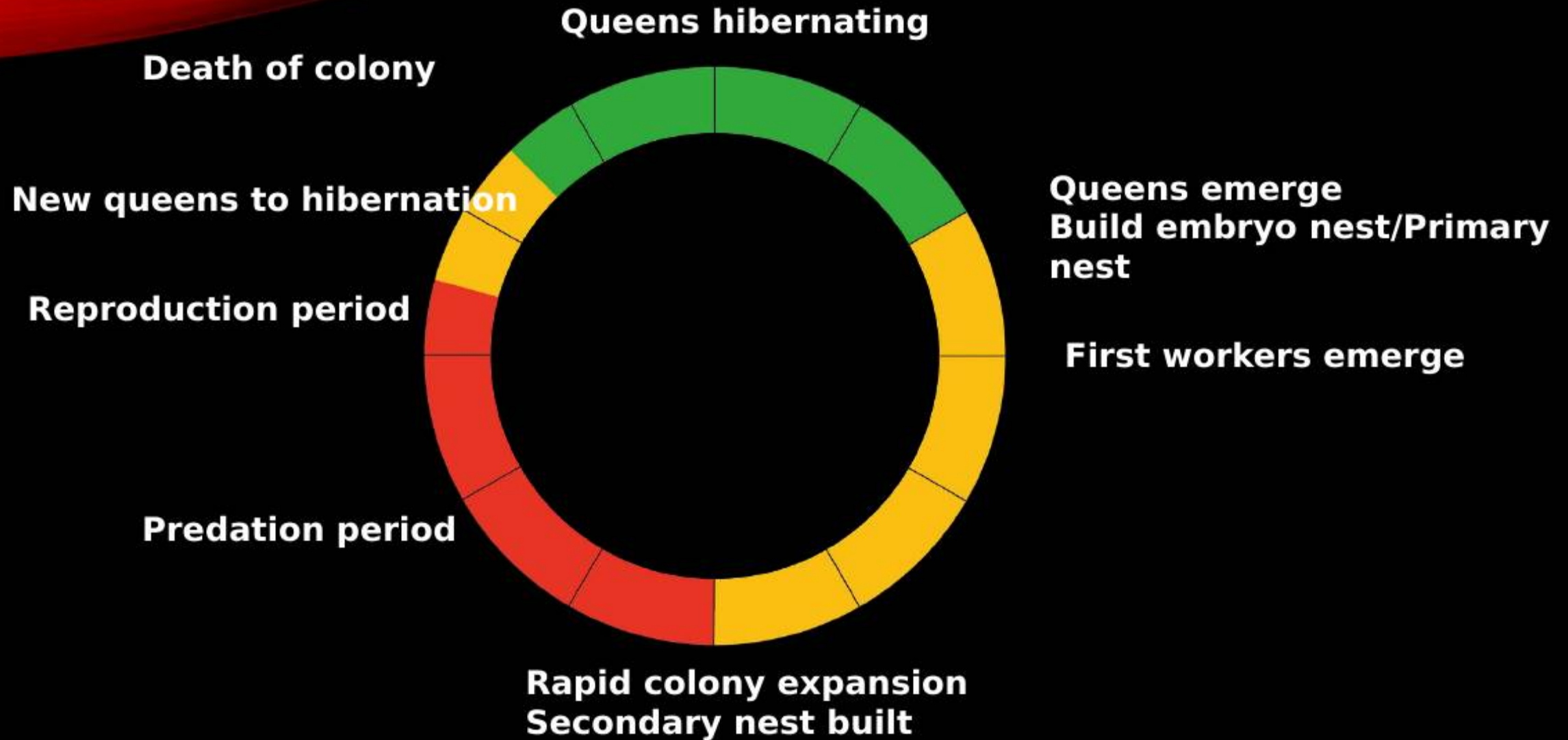


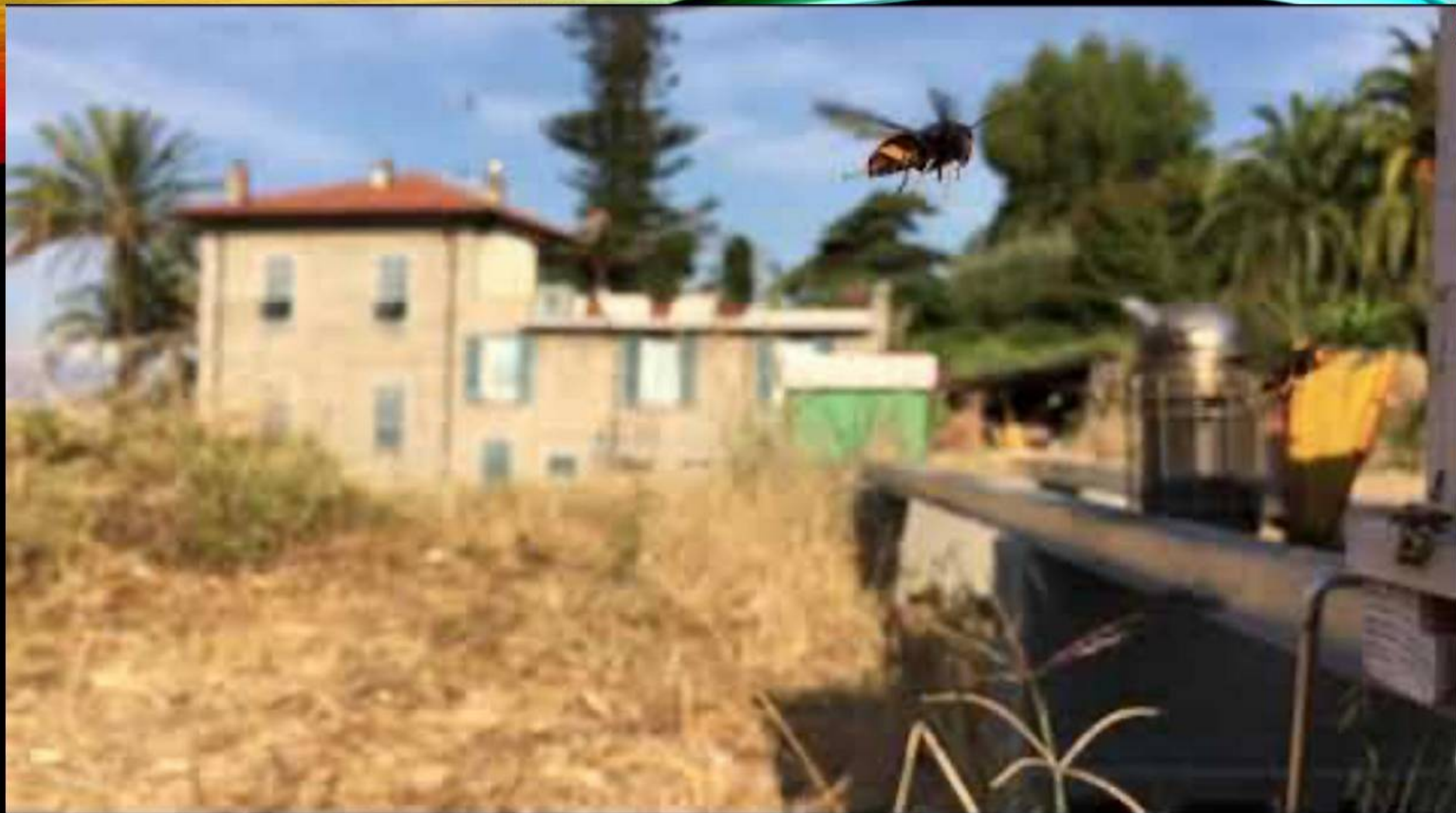
**Hornet Mimic
Hoverfly**



**Giant Asian Hornet
aka Murder Hornet**

ASIAN HORNET LIFE CYCLE





FORAGING PARALYSIS



EMBRYO NEST



PRIMARY NEST



SECONDARY NEST



No of hornets in secondary nest 2-3,000 at a time

No produced in a year up to 25,000

1 nest consumes 11kg of insects in a season

Average weight of an insect 3mg

11kg of insects = 3.666 million insects per nest

**BRITAIN IS ALREADY ONE OF THE MOST NATURE DEPLETED
COUNTRIES IN THE WORLD**

WHAT CAN WE ALL DO?

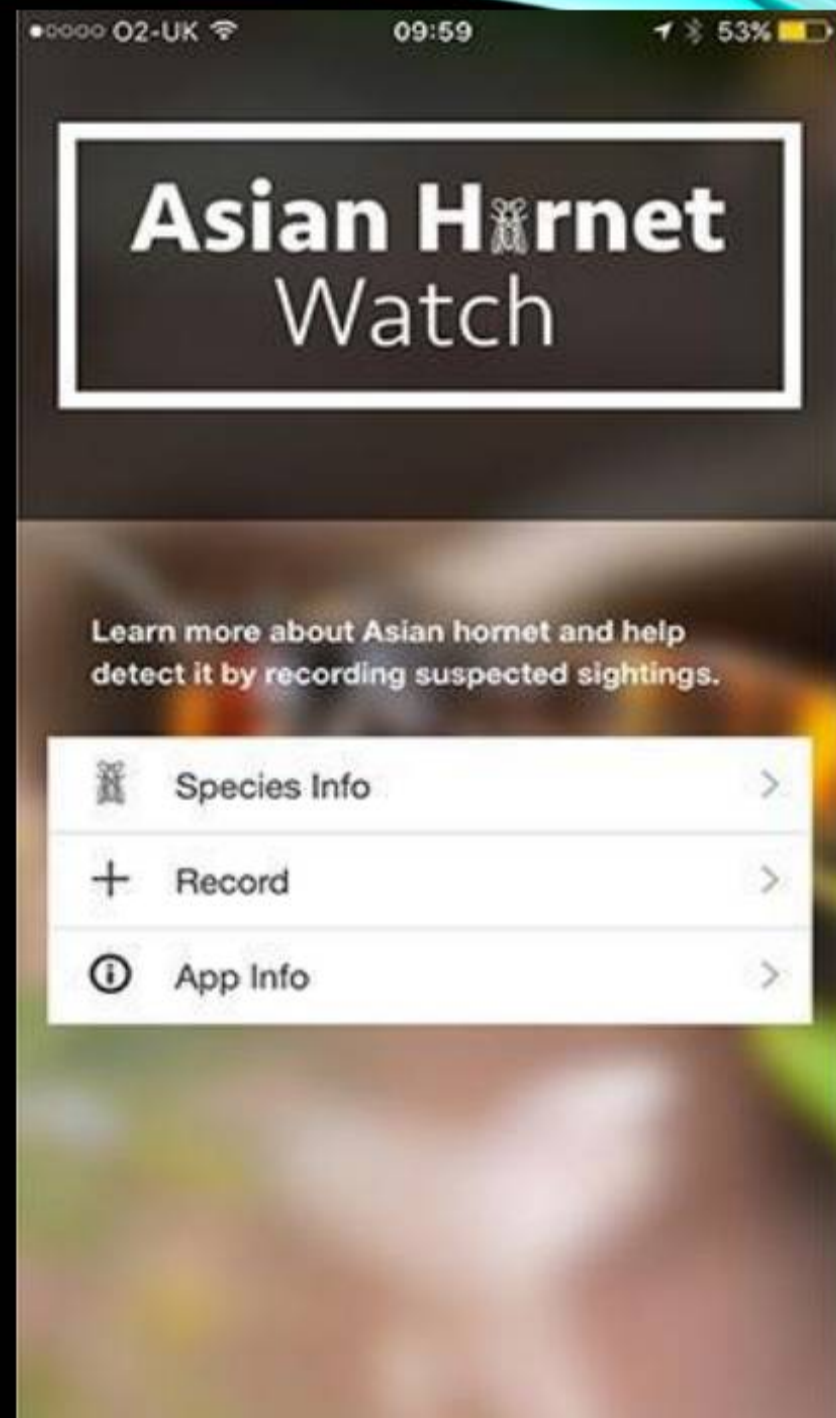
KNOW YOUR ENEMY

BE READY FOR HIM WHEN HE ARRIVES

DOWNLOAD THE FREE AH WATCH APP

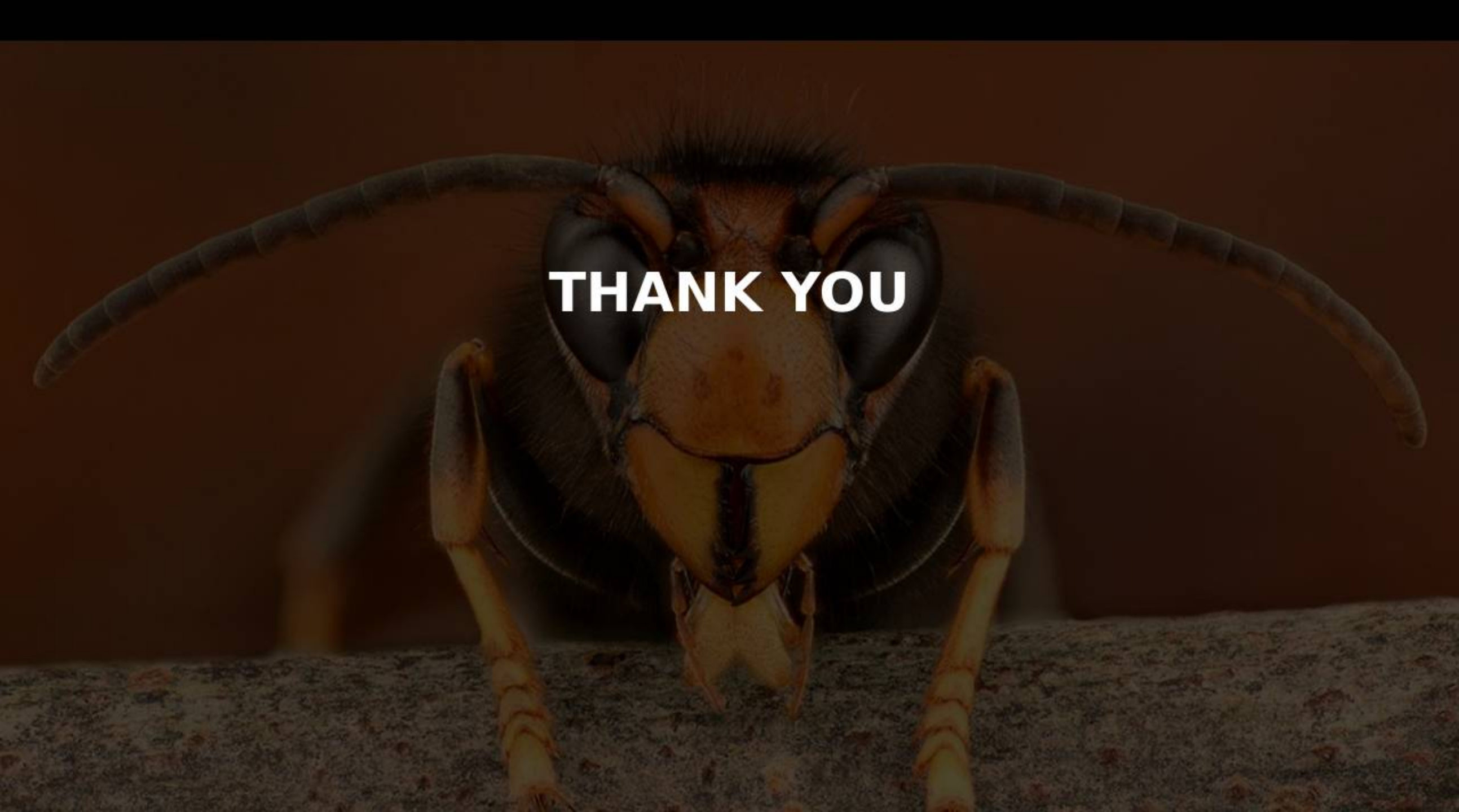
KEEP YOUR EYES SKINNED

SPREAD THE WORD





ANY
QUESTIONS?



THANK YOU



**“ A dead hornet is just a dead hornet, a live
hornet can tell you where it lives”**

**John de Cartaret
Jersey Asian Hornet Hunter**

**Finding where it lives means monitoring
with bait stations**



Monitoring

When

Feb to Nov

Where

Convenient place

Why

Presence of all castes

What with

Bait stations

BAIT STATIONS



TRAPPING

Effective when used at the right time and in the right place

Often misunderstood

Not a magic silver bullet

Only way to reduce population of hornets, is find and destroy the nests before the young queens leave in the autumn.



Spring queen trapping

Places where there were nests previous late autumn

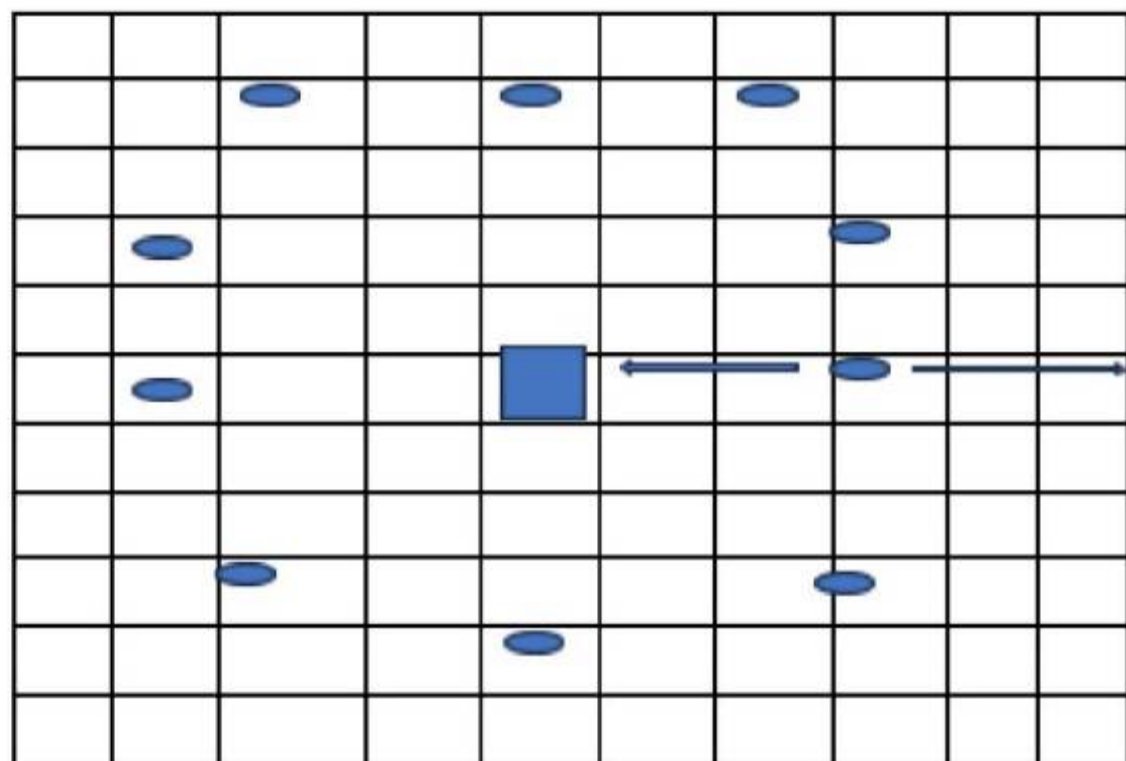
When **Feb to May**

Where **Around site of old nest (or apiary)**

Why **Catch emerging foundress queens**

What with **Selective traps**

Spring queen trapping/apiary protection



■ Apiary/nest

● Traps

'Decoy' trapping in the apiary

When: during active predation only

Where: in the apiary

Why: to reduce stress on the bees

What with: selective traps

Trap design

Top priority avoid bycatch

No trap 100%
guaranteed

Very stressful for
victims



Popular designs



Gard'Apis



Jabeprode



NO-NO





AVOID DROWNING

Sponge or rag in bottom of trap

Home made selective trap hole dimensions

Entry 8 mm queens
 7 mm workers

Escape 6.5
 mm

Bait

Trappit or equivalent

**1/3 concentrated fruit
juice
1/3 beer**

**1/3 white wine (anything Australian will
do)
Asian hornets**

In pots with a sponge to avoid drowning



ANY QUESTIONS ?