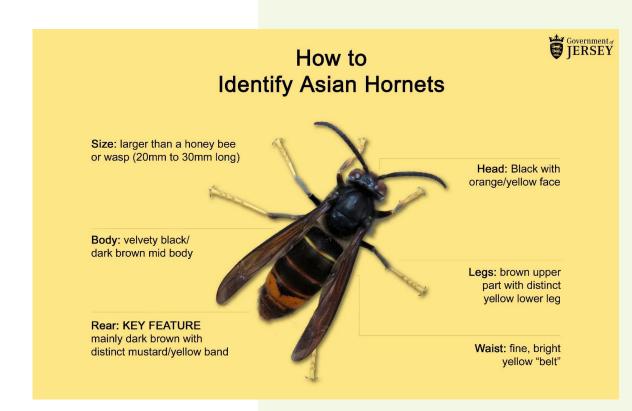


Inter-Island Environment Meeting Sept 2023

Asian Hornets

Where we are, and where do we go next?

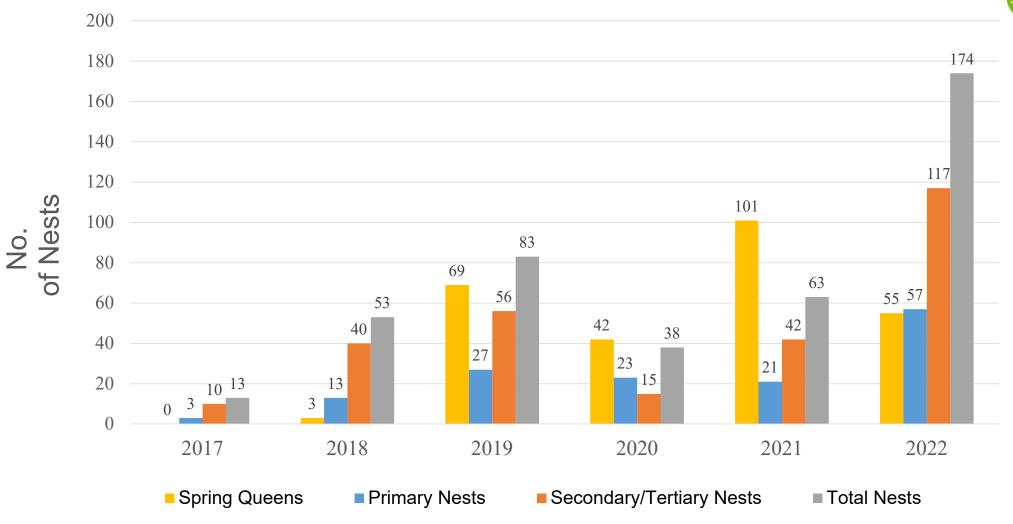
Alastair Christie Senior Scientific Officer – Invasive Species

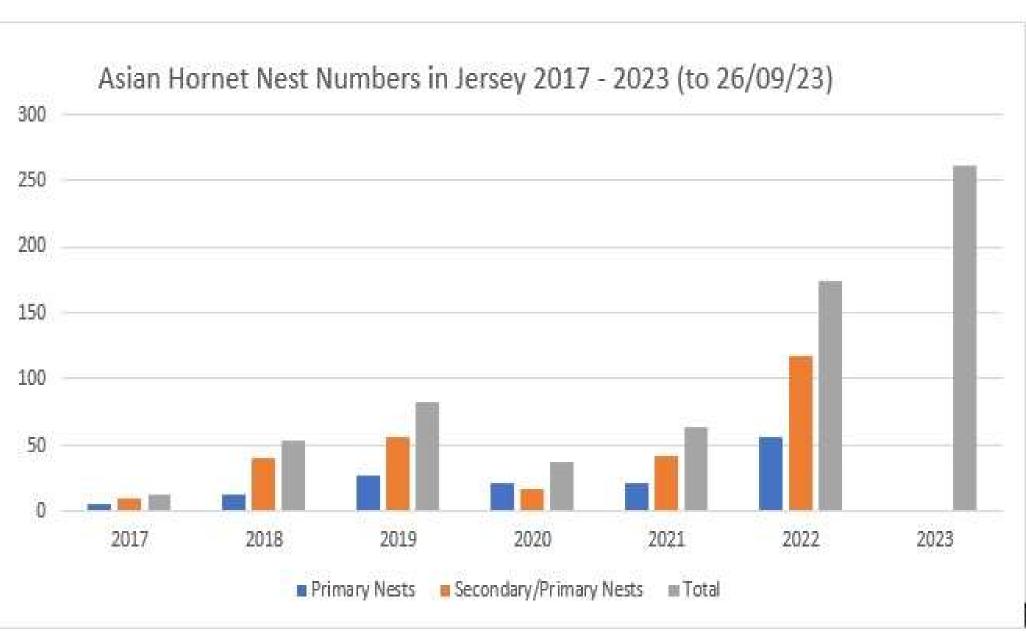


Gouvèrnément d'Jèrri

Nos. of Spring Queens & Nests in Jersey 2017 - 2022



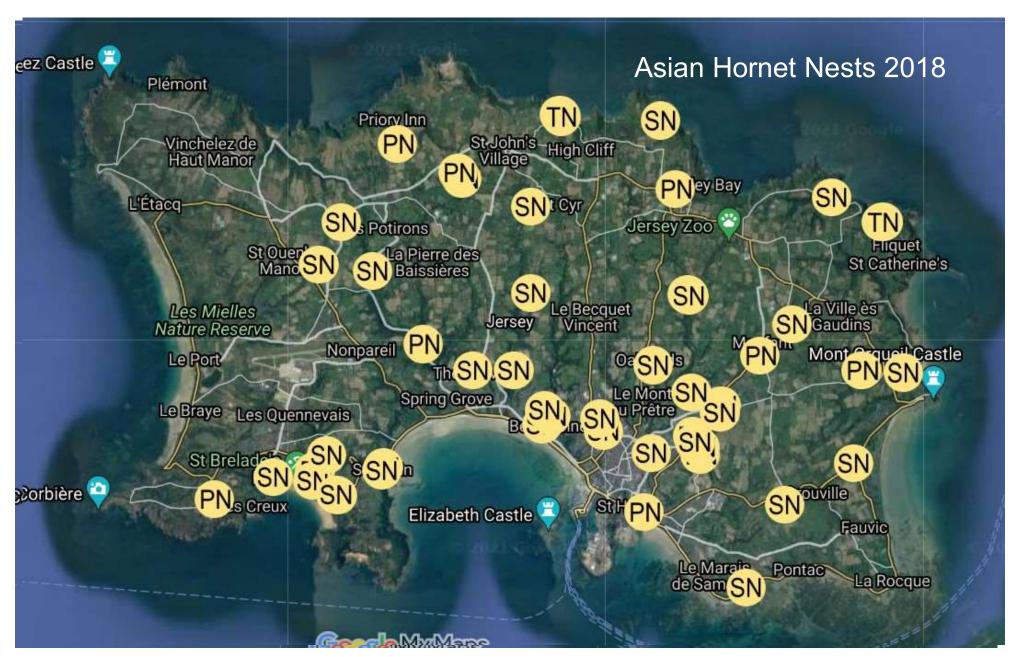








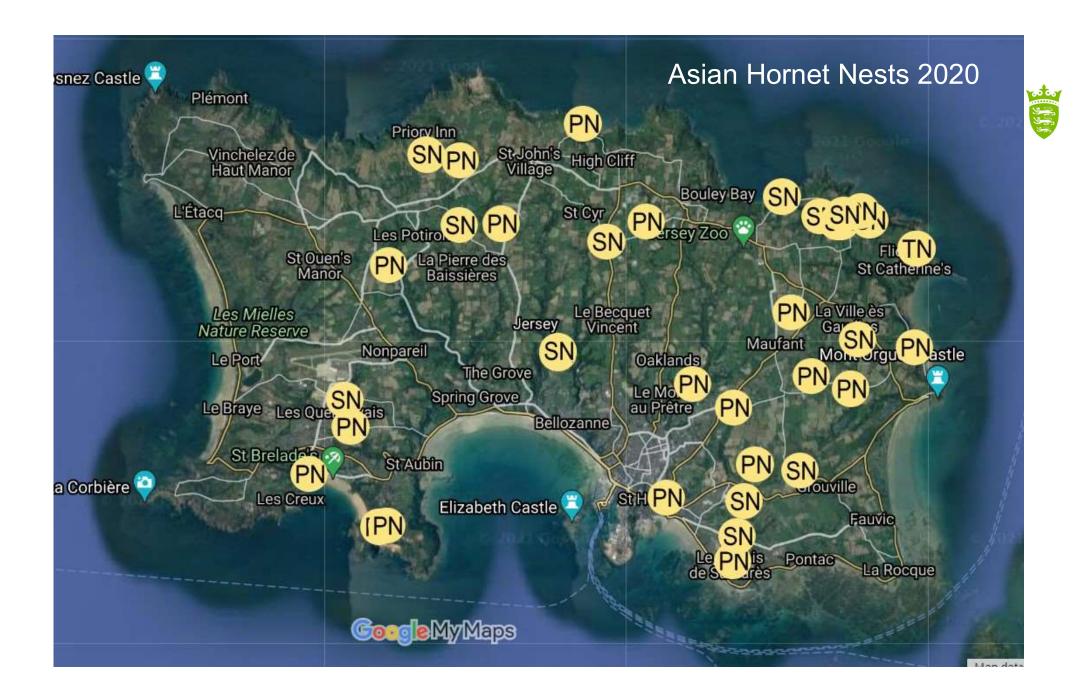


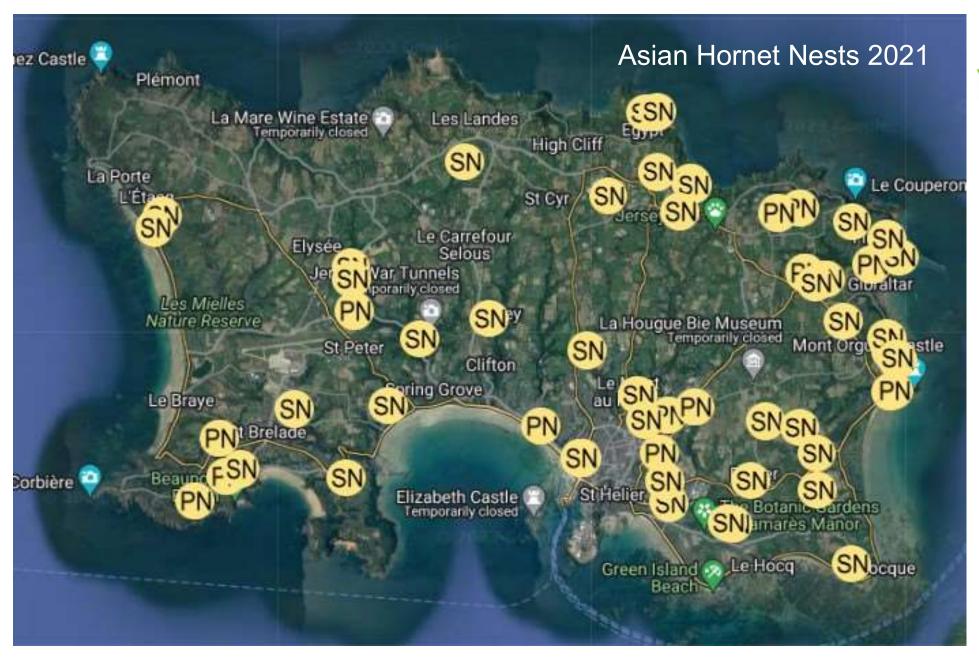








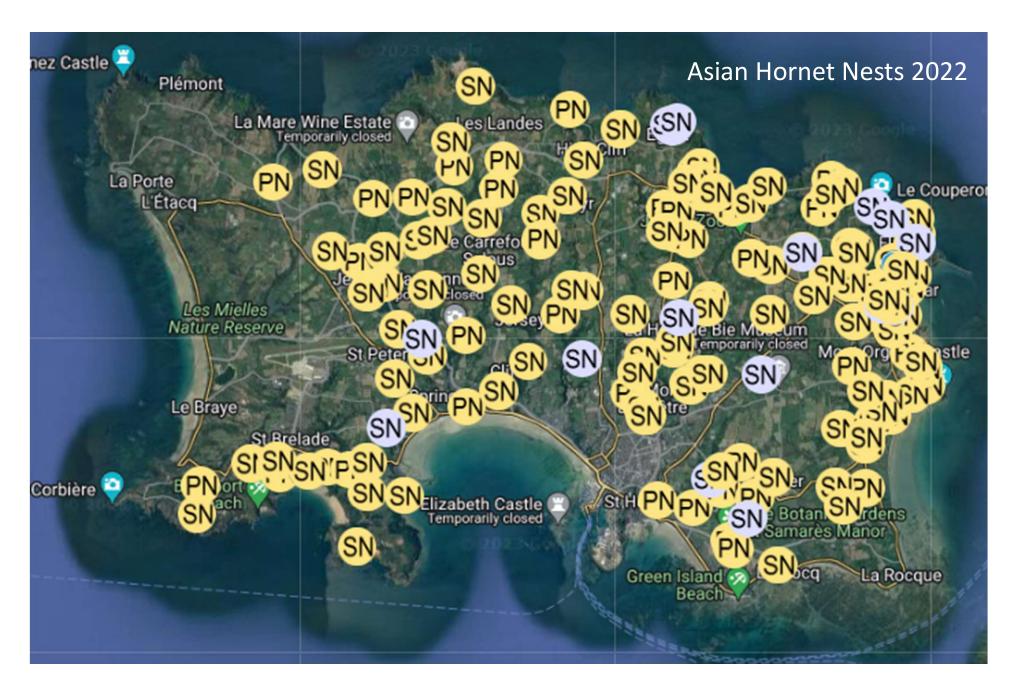




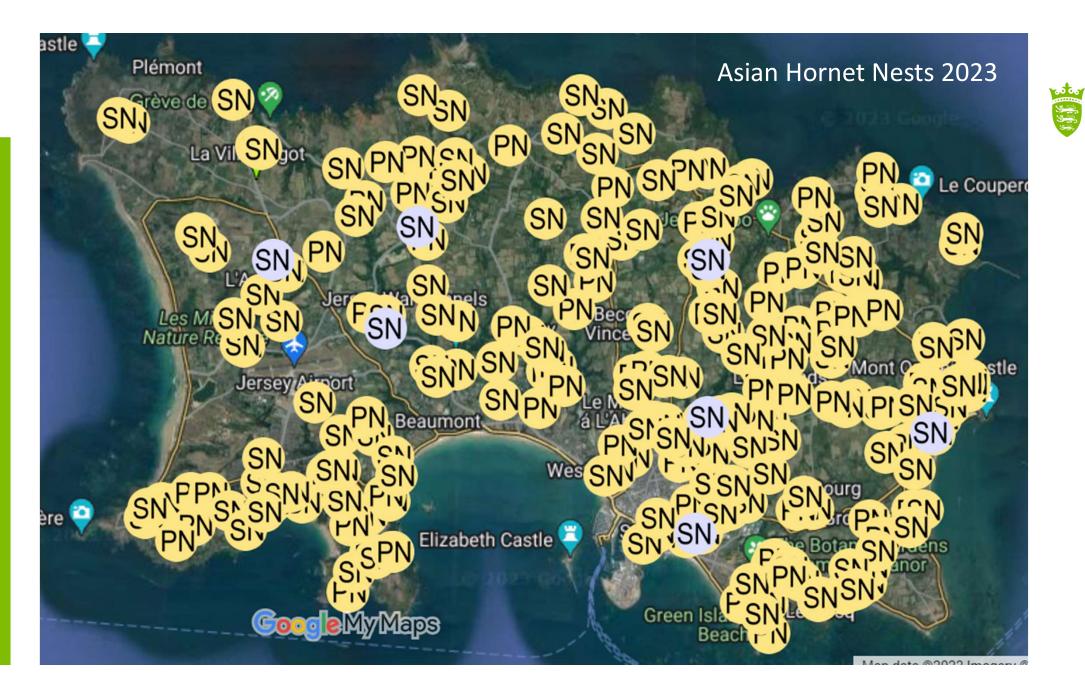








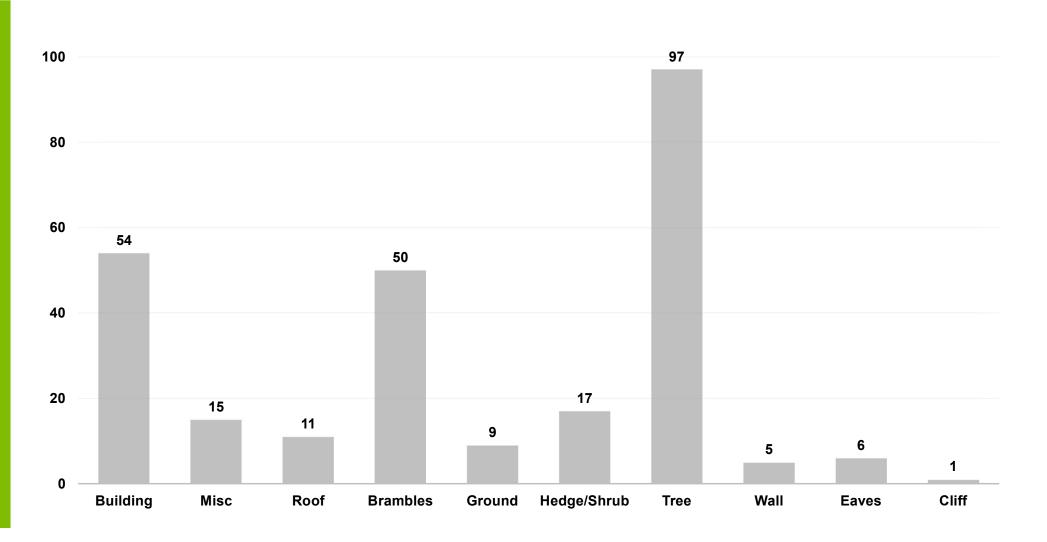




Nest Locations 2023 265 nests

120





Asian Hornet Management in Jersey



- Coordinator
- Public Awareness
- Reporting and Recording
- Spring Queen Trapping
- Tracking
- Nest Destruction
- Research .. Community Science

Long Term Management

20 Os

- Could we maintain sufficient control?
- Ability to find majority of nests by early October before release of the virgin queens
- Numbers of nests on Cotentin Peninsular not destroyed before the release of gynes?
- Survival rate of overwintering queens
- Prevalence of easterly winds in April/May
- Ability to trap/catch as many emerging local and blown-in queens as possible
- Continued public awareness, getting in reliable reports as early as possible
- Enough skilled tracking resources (volunteers) to find and destroy the nests in time

Impacts of Asian Hornets



- Ecological
 - Honey bees
 - Other pollinators wasps, wild & solitary bees, flies …
- Economic
 - Cost of control Govt & JAHG volunteers
 - Cost of nest destruction
 - Other economies
- Human health
 - Stings

Where do we go next?



Extremes:

- Do as we have been doing .. May be even better .. More traps, more trackers
- Cancel the programme ...

Other Options:

- Not receive public reports of individual insects ... replace with monitored traps
- Leave (but continue to fund) the JAHG to manage themselves and track nests

Destruction:

- Continue to do our best to destroy all of them never not got one yet!
- Treat only those considered a "risk"
- Discussion with stakeholders this early winter.



Thank You

Alastair Christie Senior Scientific Officer – Invasive Species a.christie2@gov.je

Harmless pollinators

