



Improving aphid and BYDV monitoring

Jack Perry

Jack.perry@teagasc.ie



Harper Adams
University



WALSH SCHOLARSHIPS
PROGRAMME

Aphid and BYDV Monitoring

Monitoring Challenges

- Aphid distribution varies within and between fields
- The severity of BYDV infection depends on number of aphids and the proportion which are viruliferous

Monitoring Techniques

- Suction towers – regional scale
- Yellow water traps – field scale
- Plant visual assessments – plant scale



In-field Monitoring

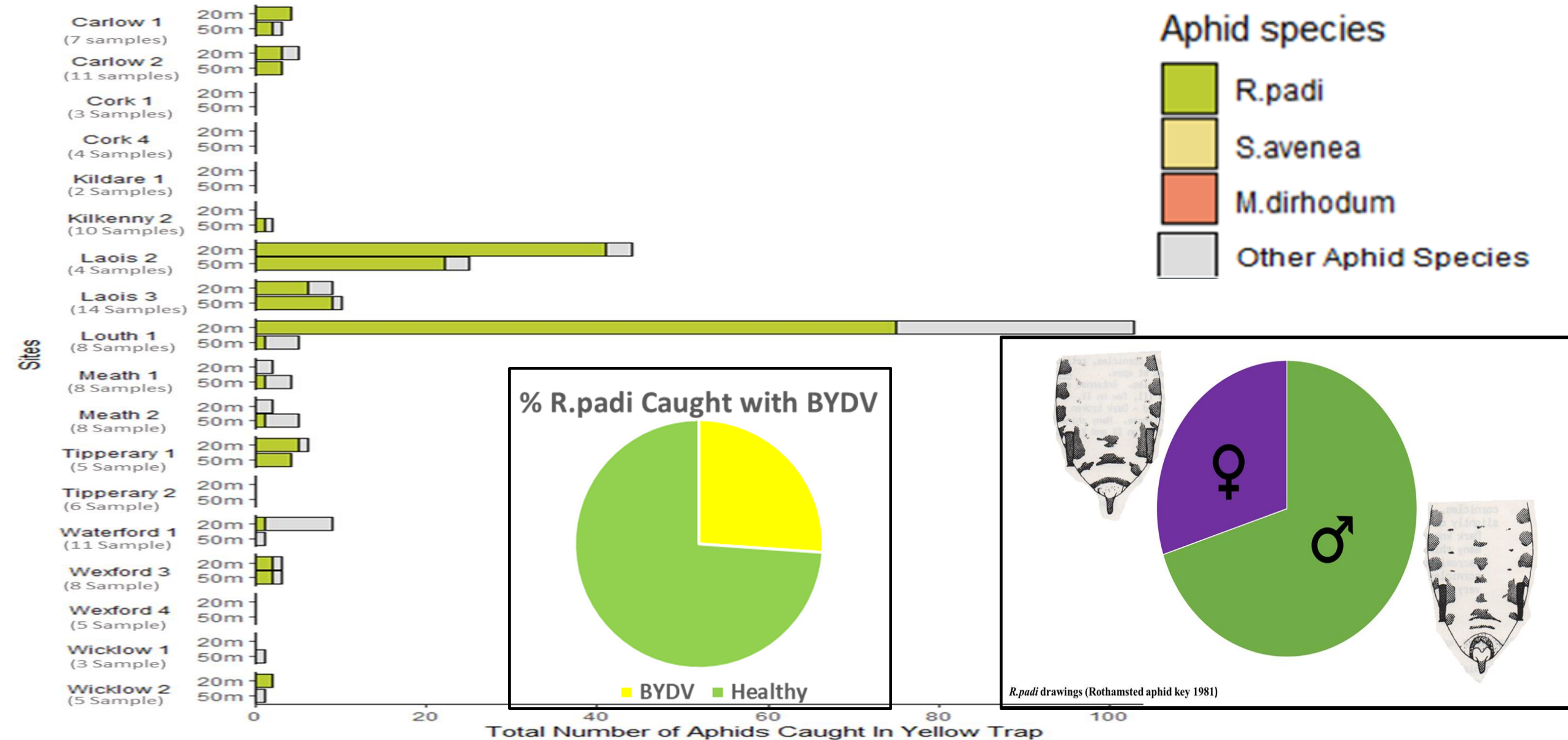


Yellow Water Traps

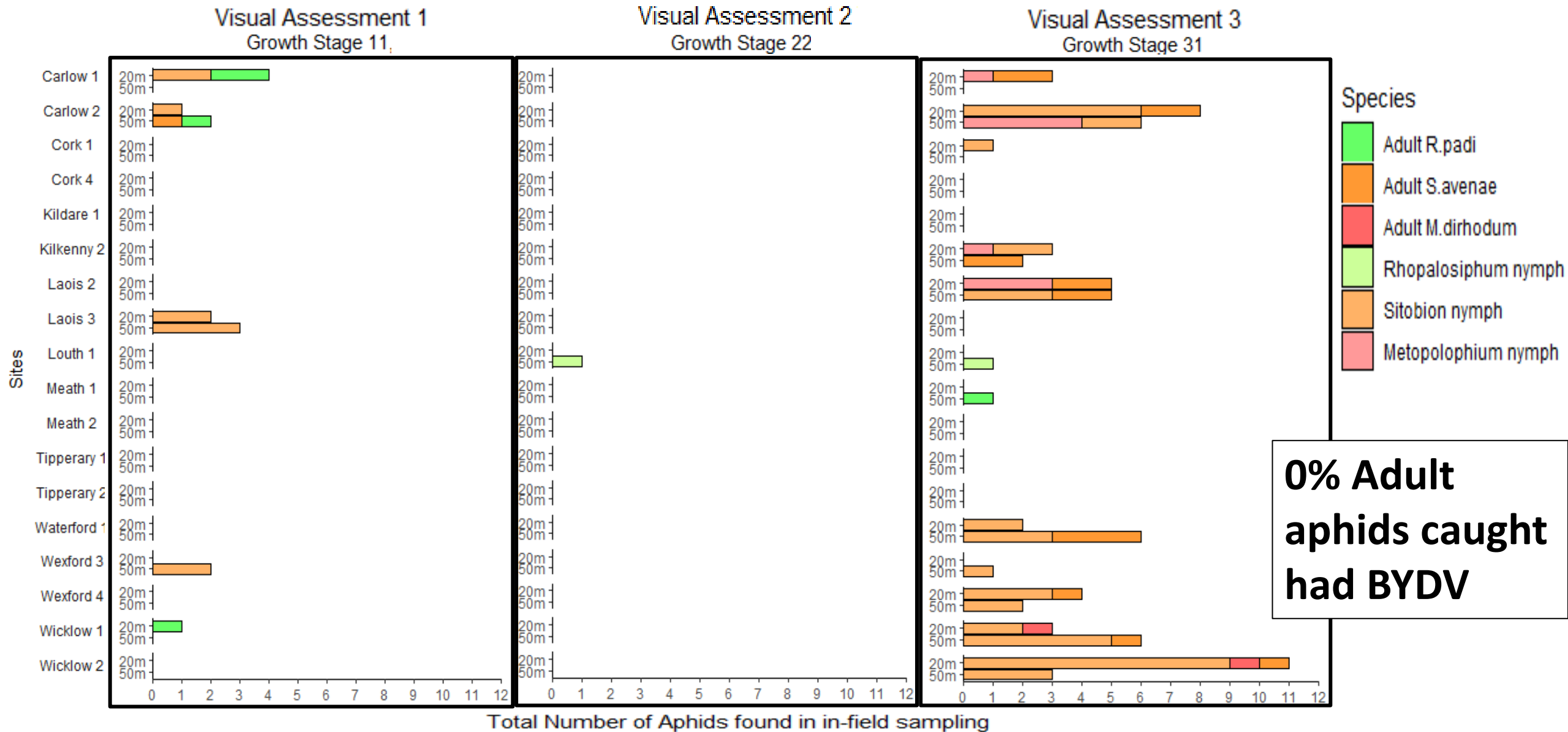


Suction Towers

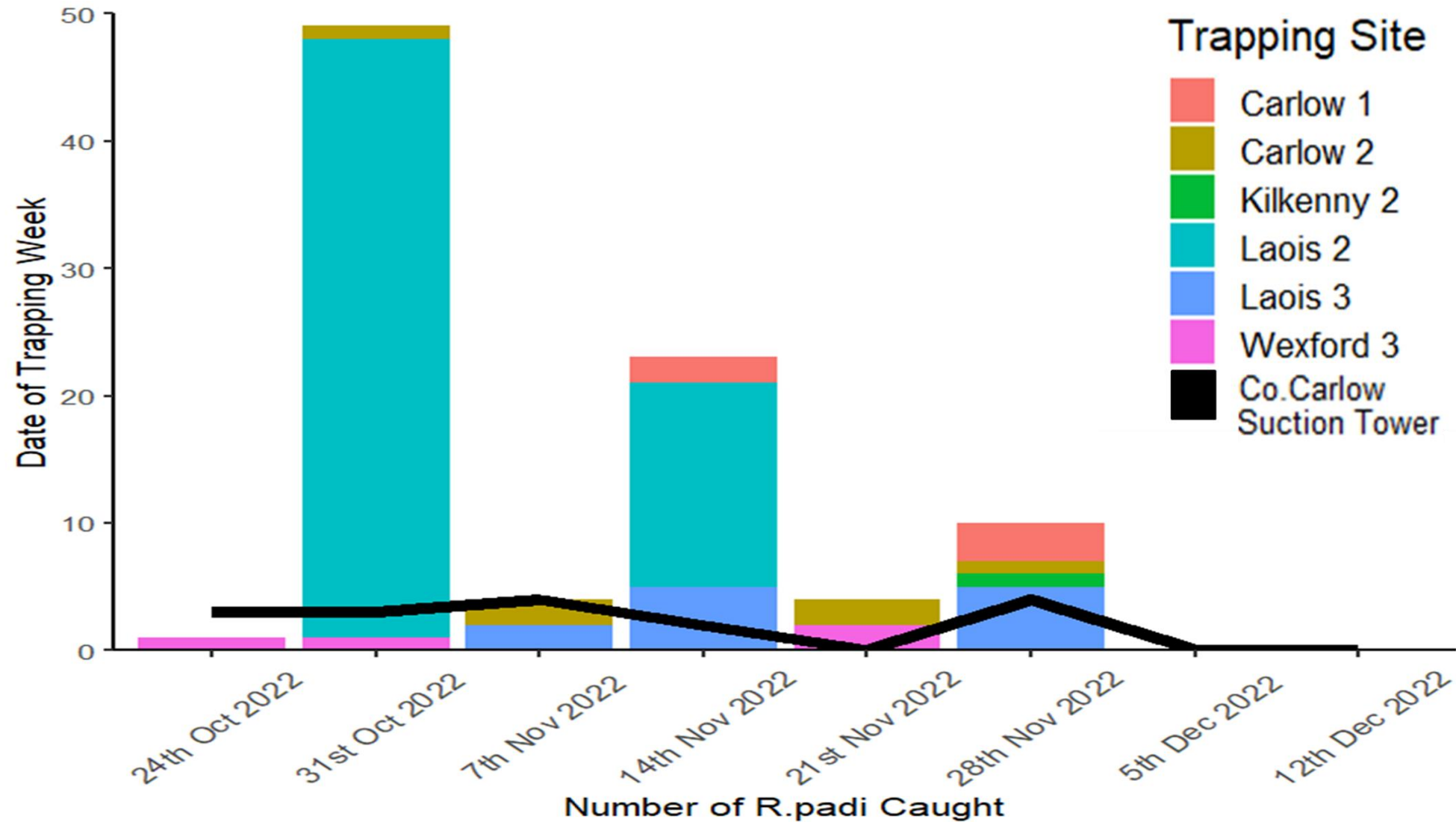
Winter Barley 2022-23 – Yellow Trapping



Winter Barley 2022-23 – Visual Searches



Winter Barley 2022-23 – Yellow Trapping



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University**

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All Growers
Involved in the
aphid trapping
survey

