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**Data related to the paper “Exploitative competition for floral resources reduces sugar intake but differently impacts the foraging behaviour of two non-bee flower visitors”**

**Jeavons et al. 2021, Oikos, doi: 10.1111/oik.08576**

**List of datasets available :**

1. Hoverfly\_metabolites
2. Parasitoid\_metabolites
3. Hoverfly\_patch\_choice
4. Parasitoid\_patch\_choice
5. Hoverfly\_behaviours
6. Parasitoid\_behaviours
7. ***Hoverfly metabolites***

ID: identification number of the tested individual

weight: dry mass of the tested individual in mg

testing\_day: Day of the test in format dd.mm.yy

trt: Feeding treatment: flB (flower previously visited by bumblebees); flH (flower previously visited by hoverflies); U (unexploited flower); W (water)

All the metabolites tested (in nmol.mg-1), as well as categories of metabolites (amino acids, organic acids, polyols, amines, sugars, and other metabolites.

1. ***Parasitoid metabolites***

ID: identification number of the tested individual

weight: dry mass of the tested individual in mg

trt: Feeding treatment: flB (flower previously visited by bumblebees); flH (flower previously visited by hoverflies); flV (unexploited flower); W (water)

All the metabolites tested (in nmol.mg-1), as well as categories of metabolites (amino acids, organic acids, polyols, amines, sugars, and other metabolites.

1. ***Hoverfly patch choice***

observer: A or B

individual: indentification number of the tested individual

weight: dry mass of the tested individual in mg

testing\_day: Day of the test in format dd.mm.yy

control\_position: position (left L or right R) of the control patch (the unexploited patch)

first\_competitor: identity of the first competitors of the trial (Hoverflies or Bumblebees)

first\_land: patch (Unexploited or Exploited) on which the tested individual landed first

first\_feed: patch (Unexploited or Exploited) on which the tested individual fed first

1. ***Parasitoid patch choice***

observer: A or B

individual: indentification number of the tested individual

weight: dry mass of the tested individual in mg

testing\_day: Day of the test in format dd.mm.yy

control\_position: position (left L or right R) of the control patch (the unexploited patch)

first\_competitor: identity of the first competitors of the trial (Hoverflies or Bumblebees)

patches\_tot: total time spent on the first patch chosen (in seconds)

first\_land: patch (Unexploited or Exploited) on which the tested individual landed first

first\_feed: patch (Unexploited or Exploited) on which the tested individual fed first

1. ***Hoverfly feeding and foraging behaviours***

observer: A or B

individual: indentification number of the tested individual

weight: dry mass of the tested individual in mg

testing\_day: Day of the test in format dd.mm.yy

first\_competitor: identity of the first competitors of the trial (Hoverflies or Bumblebees)

patch\_side: position (left L or right R) of the patch on which the behaviours are observed

patch\_quality: indication if the patch is unexploited or exploited, in the hoverfly trials (unexp\_H or exp\_H) and in the bumblebee trials (unexp\_B or exp\_B)

feed: time spent feeding (in seconds)

feed.: time spent feeding (in seconds, integer number)

for: time spent foraging (in seconds)

nb\_visits: number of visits to the patch

changing: number of changes between flowers of a same patch

changing/visit: number of changes between flowers of a same patch divided by the number of visits to the patch

changing/visit.: number of changes between flowers of a same patch divided by the number of visits to the patch (integer number)

pollen: occurrence of pollen feeding on the given patch

pollen/visit: occurrence of pollen feeding on the given patch divided by the number of visits to the patch

pollen/visit.: occurrence of pollen feeding on the given patch divided by the number of visits to the patch (integer number)

tast: occurrence of nectar testing behaviours on the given patch

tast/visit: occurrence of nectar testing behaviours on the given patch divided by the number of visits to the patch

tast/visit.: occurrence of nectar testing behaviours on the given patch divided by the number of visits to the patch (integer number)

exit: indication that the trial has ended

1. ***Parasitoid feeding and foraging behaviours***

observer: A or B

individual: indentification number of the tested individual

weight: dry mass of the tested individual in mg

testing\_day: Day of the test in format dd.mm.yy

first\_competitor: identity of the first competitors of the trial (Hoverflies or Bumblebees)

patch\_side: position (left L or right R) of the patch on which the behaviours are observed

patch\_quality: indication if the patch is unexploited or exploited, in the hoverfly trials (unexp\_H or exp\_H) and in the bumblebee trials (unexp\_B or exp\_B)

feed: time spent feeding (in seconds)

feed.: time spent feeding (in seconds, integer number)

for: time spent foraging (in seconds)

for.: time spent foraing (in seconds, integer number)

nb\_visits: number of visits to the patch

changing: number of changes between flowers of a same patch

changing/visit: number of changes between flowers of a same patch divided by the number of visits to the patch

changing/visit.: number of changes between flowers of a same patch divided by the number of visits to the patch (integer number)

exit: indication that the trial has ended