



# BERLIN IN BLOOM

## CREATING URBAN HABITATS

Berlins pollinator strategy and the project  
*More bees for Berlin. Berlin is blooming!*

**Anja Proske**  
**German Wildlife Foundation**

Webinar, 20 September 2023

Senatsverwaltung  
für Mobilität, Verkehr,  
Klimaschutz und Umwelt

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# BERLIN'S POLLINATOR STRATEGY

## PROTECTION AND PROMOTION OF BEES

- developed in 2018 - 2019 involving multiple stakeholders
- approved by the Berlin house of representatives

Goal: **Improving the living conditions for pollinators in Berlin**  
(incl. Beekeeping qualifications)

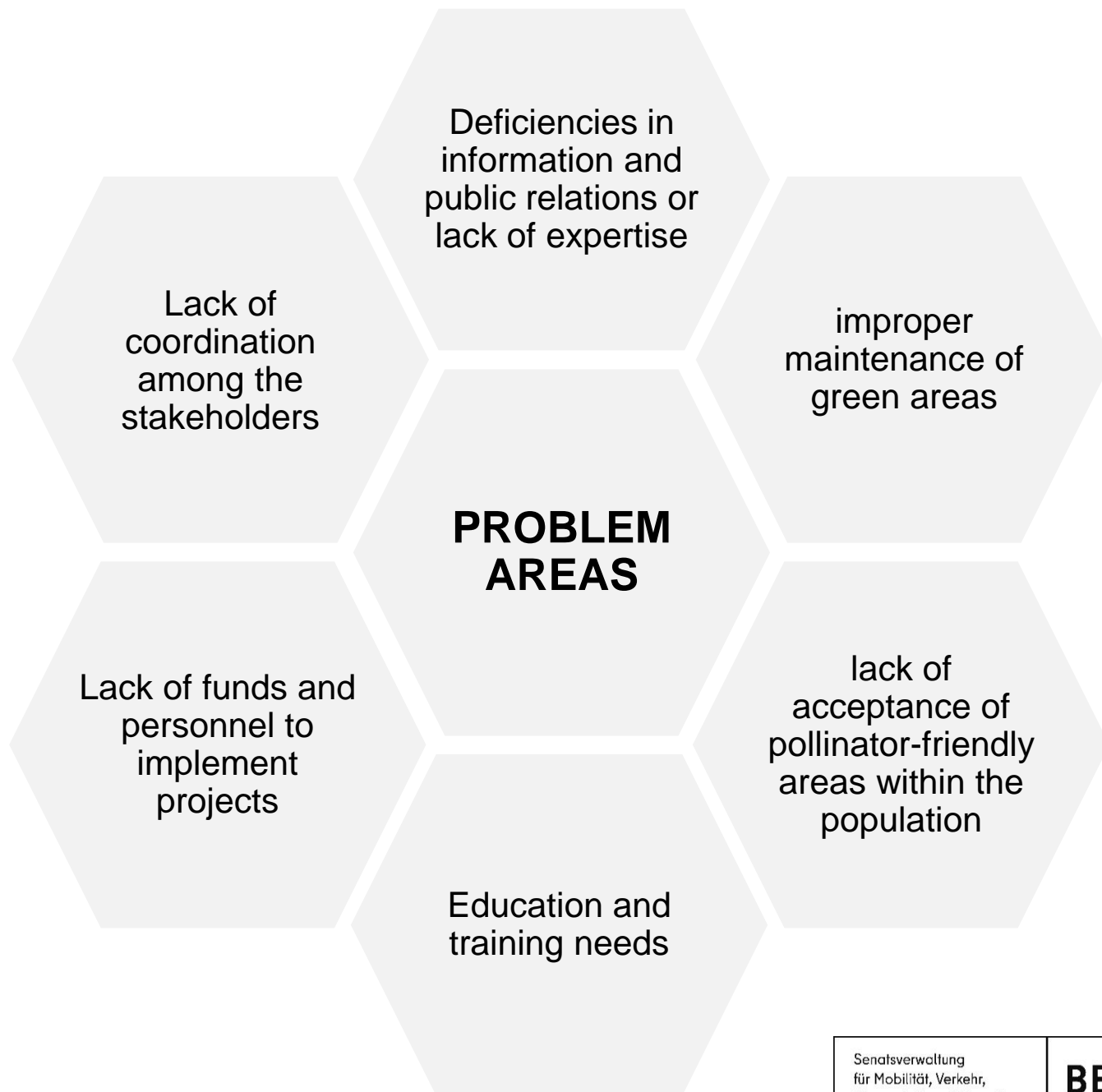


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# BERLIN'S POLLINATOR STRATEGY

## PROMOTION OF BIODIVERSITY



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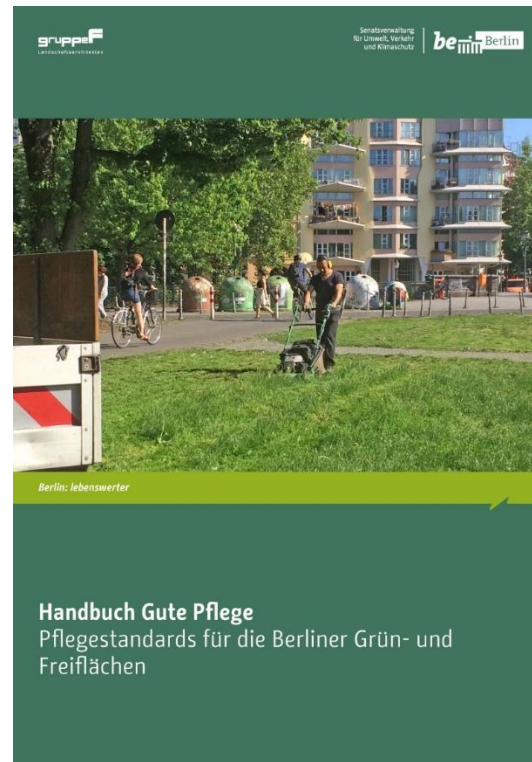
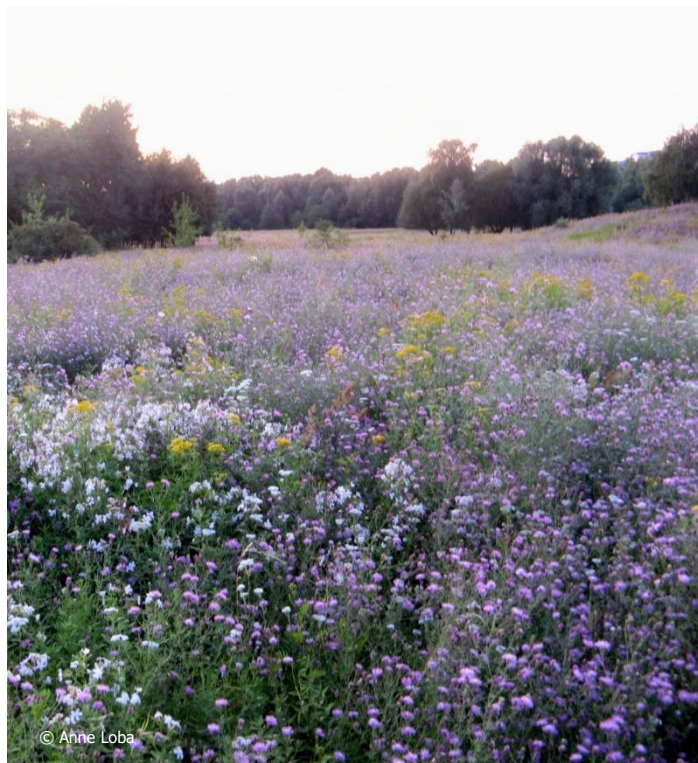
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# BERLIN'S POLLINATOR STRATEGY

## PROMOTION OF BIODIVERSITY

- Development of Berlin-specific planting lists
- Improvement of green space maintenance → best practice manual



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# BERLIN'S POLLINATOR STRATEGY WILD BEE CONSERVATION PROJECT



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Mehr Bienen für Berlin. Berlin blüht auf!  
*More bees for Berlin. Berlin is blooming!*  
2018-2025

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# MORE BEES FOR BERLIN

## BERLIN IS BLOOMING!

### Habitats



Creation of perennial wildflower meadows and nesting structures

### Cooperation



Consultation and provision of resources for private and public initiatives

### PR & Education

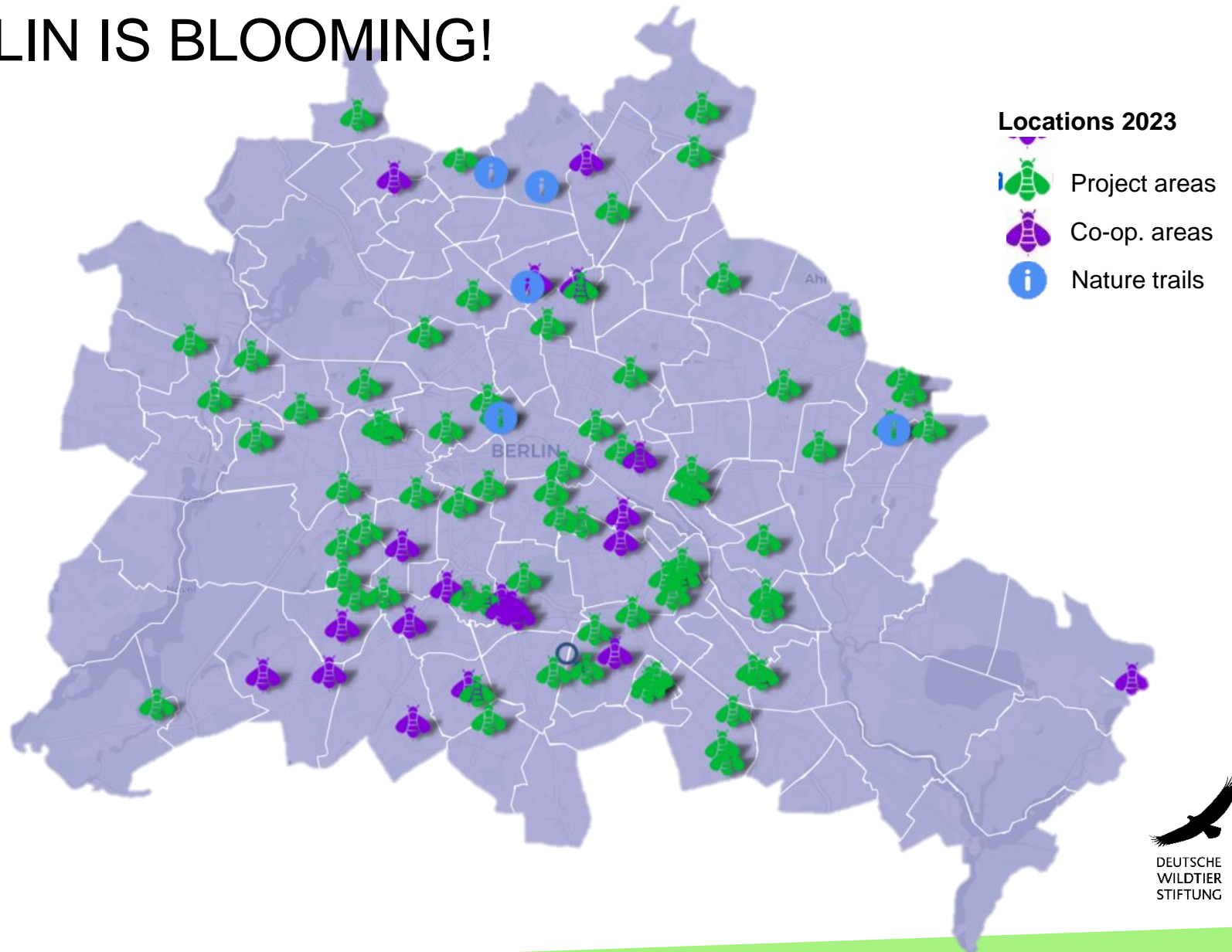


Development of educational materials, lectures, workshops, and events



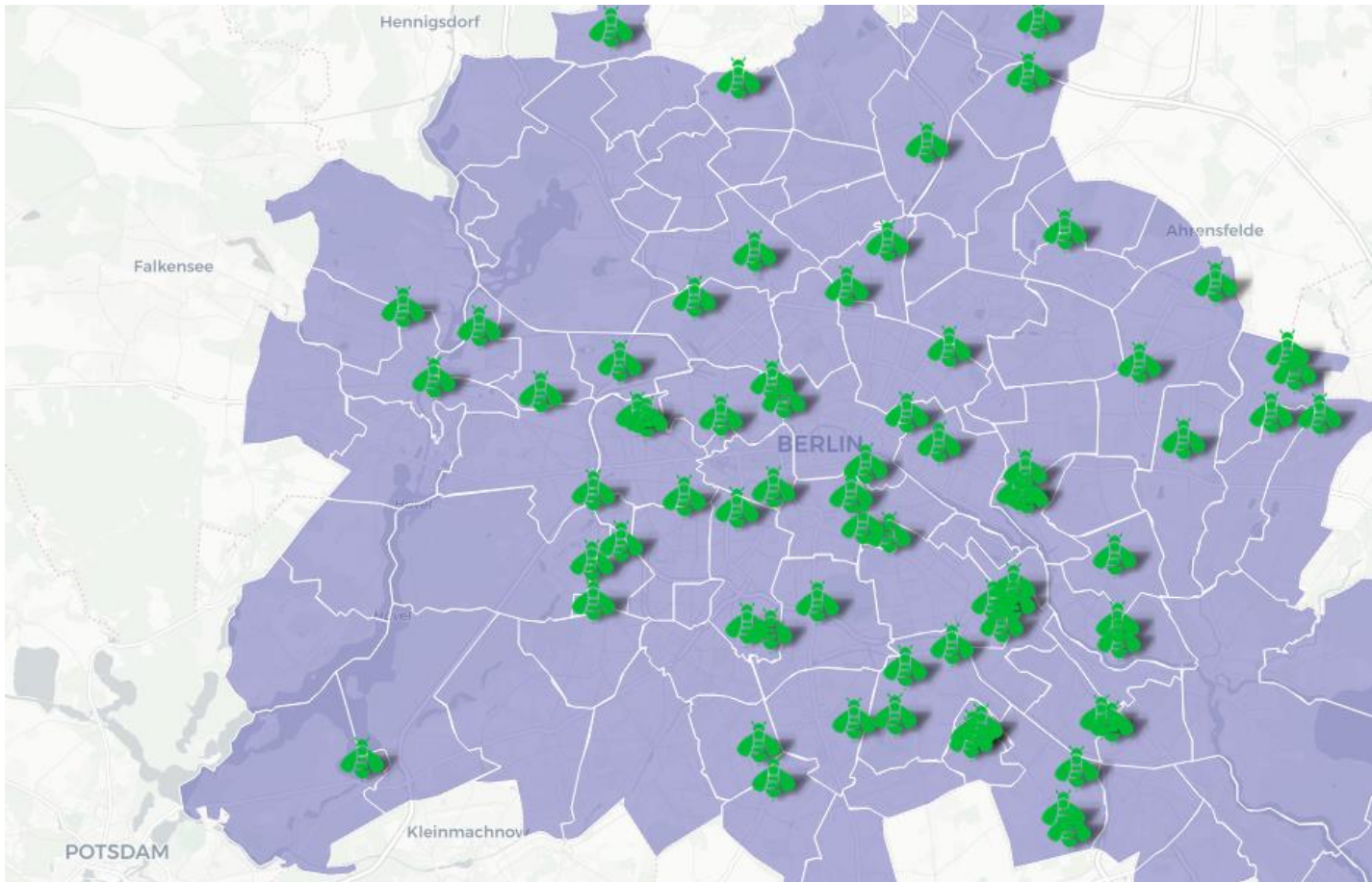
# MORE BEES FOR BERLIN

## BERLIN IS BLOOMING!



# MORE BEES FOR BERLIN

## HABITAT CREATION



### Locations 2023

-  Project areas
-  Co-op. areas
-  Nature trails

More than 80 perennial wildflower meadows (> 47.000 m<sup>2</sup>) in all 12 districts as of 2023

# MORE BEES FOR BERLIN

## HABITAT CREATION



Wernerstraße



Forckenbeckstraße



Nelly-Sachs-Park



Spreebogenpark

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## SITE SELECTION



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Wild Bee Project

request areas based on budget  
and capacities each year

park departments suggest public  
green spaces for conversion

select areas based on specific  
requirements, create plans

approve/decline

hire 3rd party contractors for  
installation (fall) and maintenance



Parks departments

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## SITE DEVELOPMENT



Fall 2018: Installation



Summer 2019: „Acceptance species“



Spring 2020: early blooming target species



Summer 2020: late blooming target species

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## SITE MAINTENANCE



Phased partial mowing (1-2 x / year)



Cutting height at 20 cm (bar mower), no irrigation

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## HABITAT EVALUATION



Otto-Suhr-Allee, June 2023



Treptow-Köpenick, Juni 2021



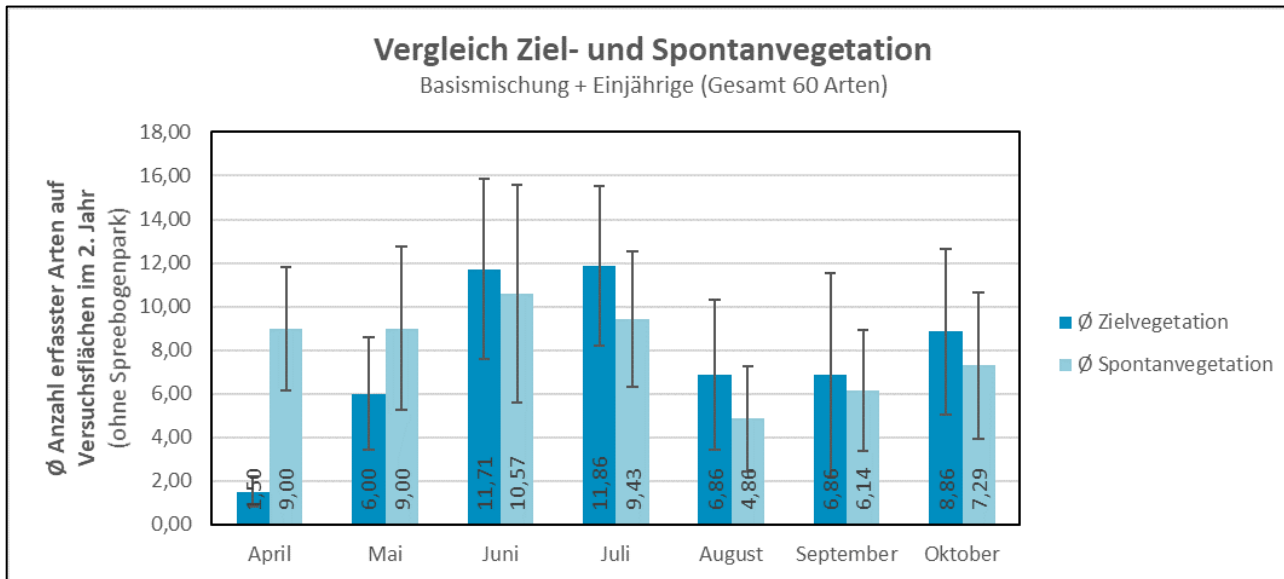
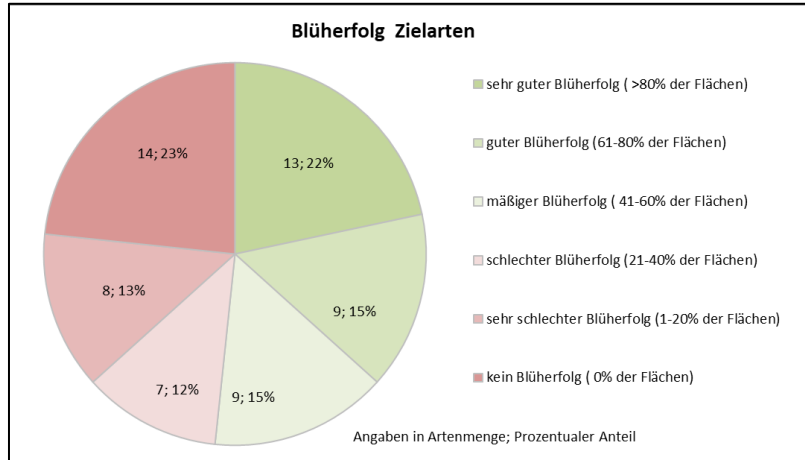
Otto-Suhr-Allee, June 2023



Pankow, Juni 2021

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## HABITAT EVALUATION





# MORE BEES FOR BERLIN

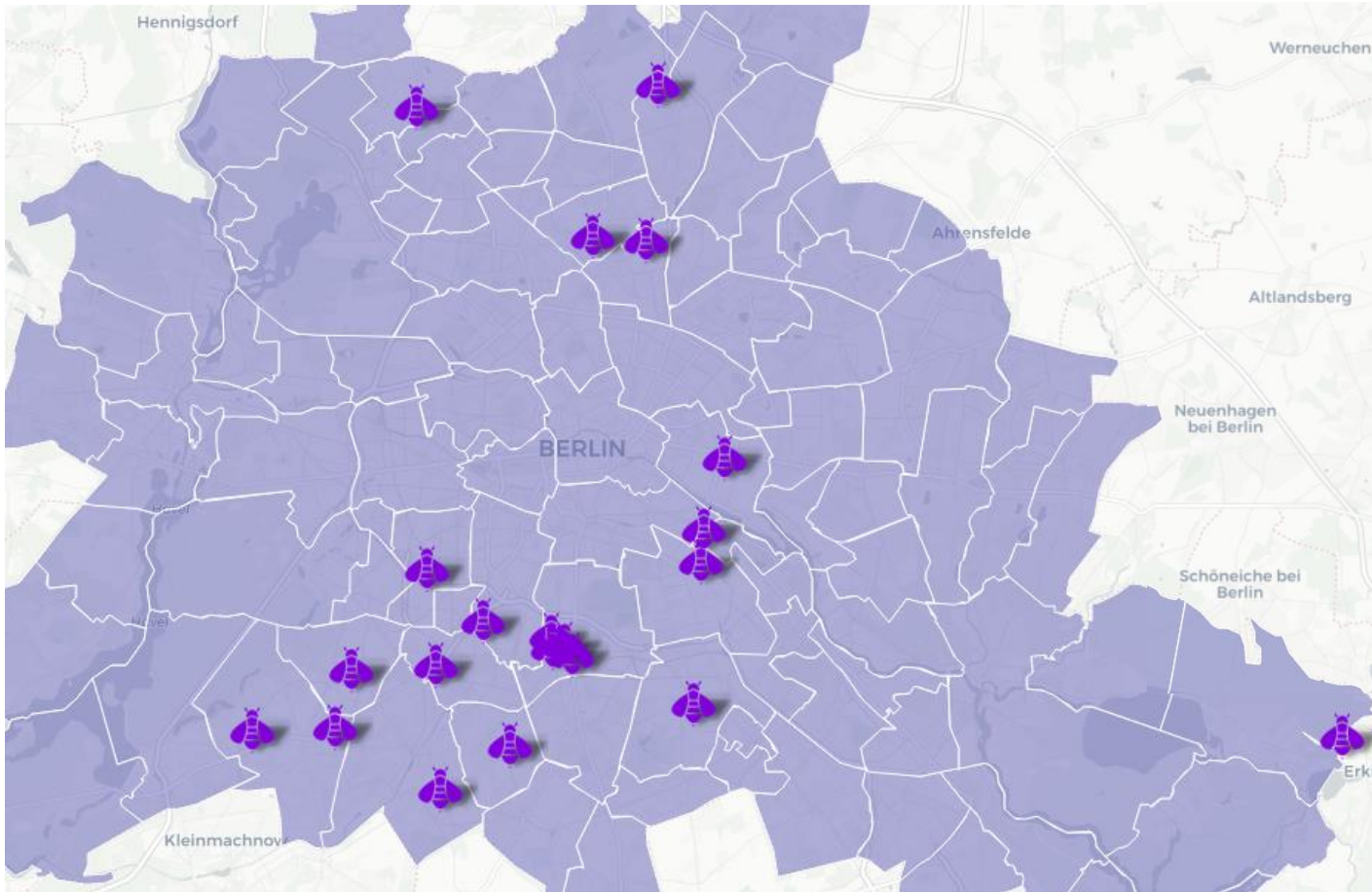
## HABITAT EVALUATION

Parameter	Sum 2019-2022
Total species	157
IUCN Red List Germany (EW, CR, EN, TH)	24 (+ 16 VU)
IUCN Red List Berlin (EW, CR, EN, TH)	22 (+ 14 VU)
Oligolectic species	29
Parasitoid species	40
Endogeic species	67
Hypergeic species	49



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## COOPERATION PARTNERS



### Locations 2023

-  Project areas
-  Co-op. areas
-  Nature trails

> 20 urban wild bee habitats installed in cooperation with businesses and initiatives

# MORE BEES FOR BERLIN

## COOPERATION PARTNERS



Housing associations



Companies



Universities

# MORE BEES FOR BERLIN PR & EDUCATION



## Locations 2023

-  Project areas
-  Co-op. areas
-  Nature trails

Five educational nature trails with eight displays and structures

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## PR & EDUCATION

Marzahn-Hellersdorf



Locations 2023

-  Project areas
-  Co-op. areas
-  Nature trails

Spreebogenpark



Marc Vorwerk

Digital trail



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## PR & EDUCATION

Fairs and festivals



Press events



Lectures



Guided tours



# MORE BEES FOR BERLIN

## PR & EDUCATION

Traveling exhibition



Learning material for children



Publications



Digital communication



# MORE BEES FOR BERLIN VISION



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Original article

## Impact of mowing frequency on arthropod abundance and diversity in urban habitats: A meta-analysis

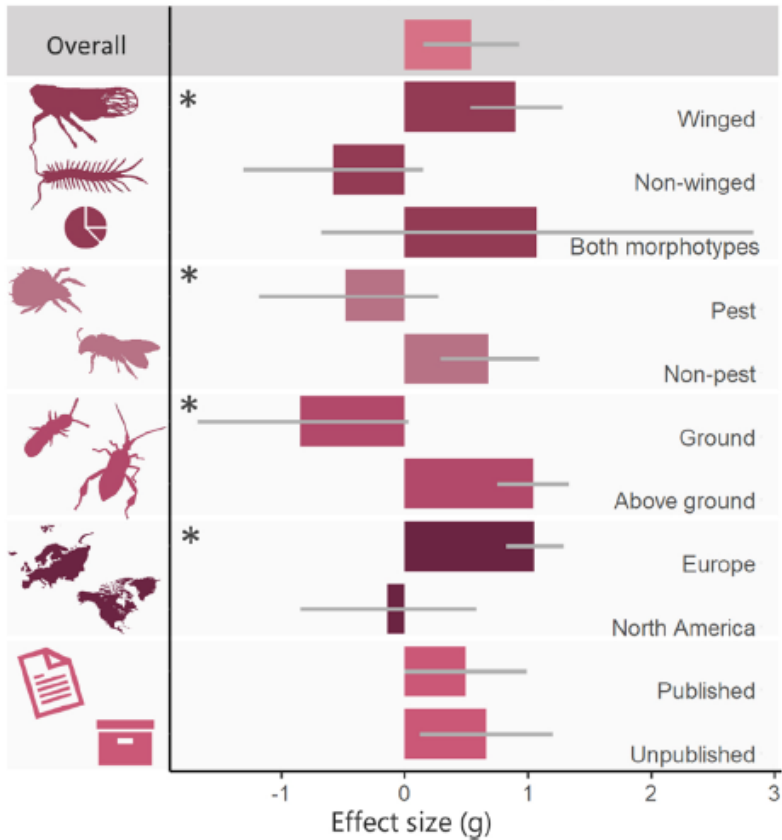
Anja Proske<sup>a,b</sup>, Sophie Lokatis<sup>a,c,\*</sup>, Jens Rolff<sup>a</sup>

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<sup>b</sup> Deutsche Wildtier Stiftung, Pariser Platz 6, 10117 Berlin, Germany

<sup>c</sup> Leibniz Institute of Freshwater Ecology and Inland Fisheries (IGB), Müggelseedamm 310, 12587 Berlin, Germany

### Effects of reduced mowing on Arthropod abundance



### Effects of reduced mowing on taxonomic groups

