



# *Biodiverse Gardens ROI*

# Case Study Briefs

- **Analysis based on Data from 175 Case Studies of the *American Society for Landscape Architecture***

- > “An Analysis of Benefit Values: 175 Landscape Architecture Case Studies in the U.S.”

- > “Landscape Architecture: Maximizing the Economic Benefits of Nature-based Solutions Through Design”

- **Estimated Financial Benefits Represent Average Statistics for a Small Fraction of Case Studies**

Most available data did not contain sufficient information to evaluate biodiversity and/or financial returns specifically to land value, and thus were not considered. Figures are therefore preliminary.

# 01

# Key Takeaways

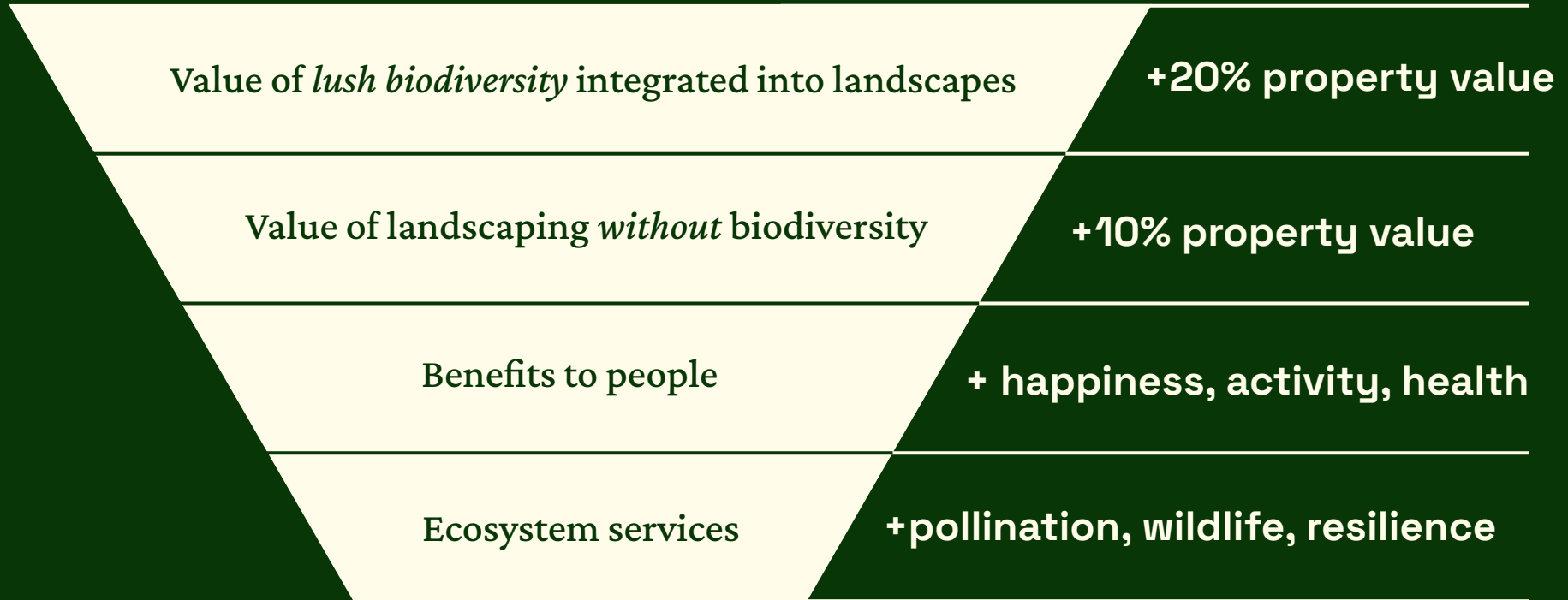
Property Value

**+30%**

Average value increase of land  
around biodiverse plantings



# Breaking Down the New Value



# Key Takeaways



**Happiness**  
**+97%**

Supports mental health and well-being, with 97% of surveyed visitors at Mission Bay Creek Park reporting increased happiness.

**Wellbeing**  
**+72%**

Increases emotional well-being, with 72% of surveyed visitors at Yuma East Wetlands displaying positive emotions towards native wildlife.

# Findings

## Increased outdoor activity

### ● Health Benefits

Encourages physical activity along native plant trails at Black Rock Sanctuary, enhancing health benefits.

## Increased sense of place

### ● Sense of Place

Attracts about 95 visitors every 30 minutes on typical afternoons at Crissy Field, promoting outdoor activity.

## Increased sense of community

### ● Sense of Community

Supports an increased sense of community, with 66% of visitors at Menomonee Valley Redevelopment reporting they visit with family or friends.

# Findings

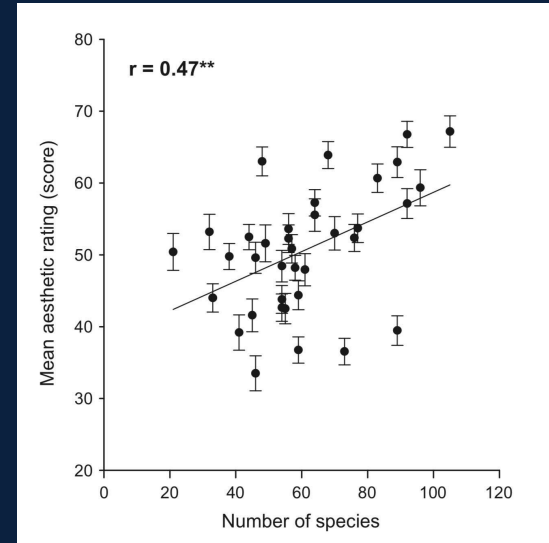
Ecological plantings were not directly linked to property value increase. However, beauty was.

Thus the question was asked: “Does biodiversity in a garden result in beauty?”

We found: “The aesthetic rating of a garden was positively correlated to species richness.”

Though the number of species does not guarantee beauty, it affords the opportunity for a higher ceiling (maximum beauty).

Thus good design + biodiversity = maximum value.



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