

# Beyond the Dip Net: Aquatic Collecting in Diverse Habitats

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# Stream





Hygropetric  
Surface

Leaf Packs

Woody debris

Gravel Bottom

Side Pool

Sand Margin

# Objectives

- Review some refined (and some not-so-refined) aquatic collecting methods
- Raise awareness of the breadth of aquatic habitats



Two main drivers for specialized aquatic methods:

**Niche Diversity** (many discrete habitats)

**Time** (more specimens in less time)



# The Pan



# A versatile tool



# A versatile tool



# Rehydrating pools

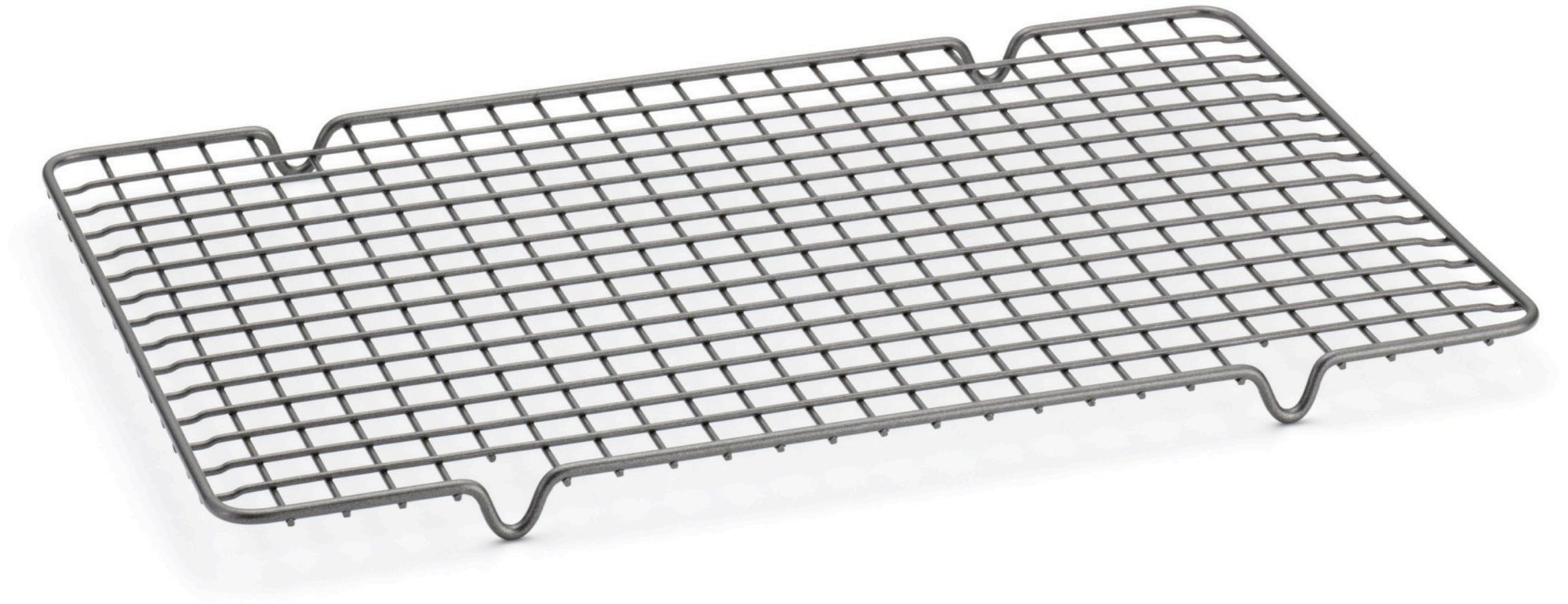


Dytiscidae: *Sanfilipodytes* sp.



Costa Rica: Tapanti National Park:  
Hydrophilidae: *Enochrus talamanca*

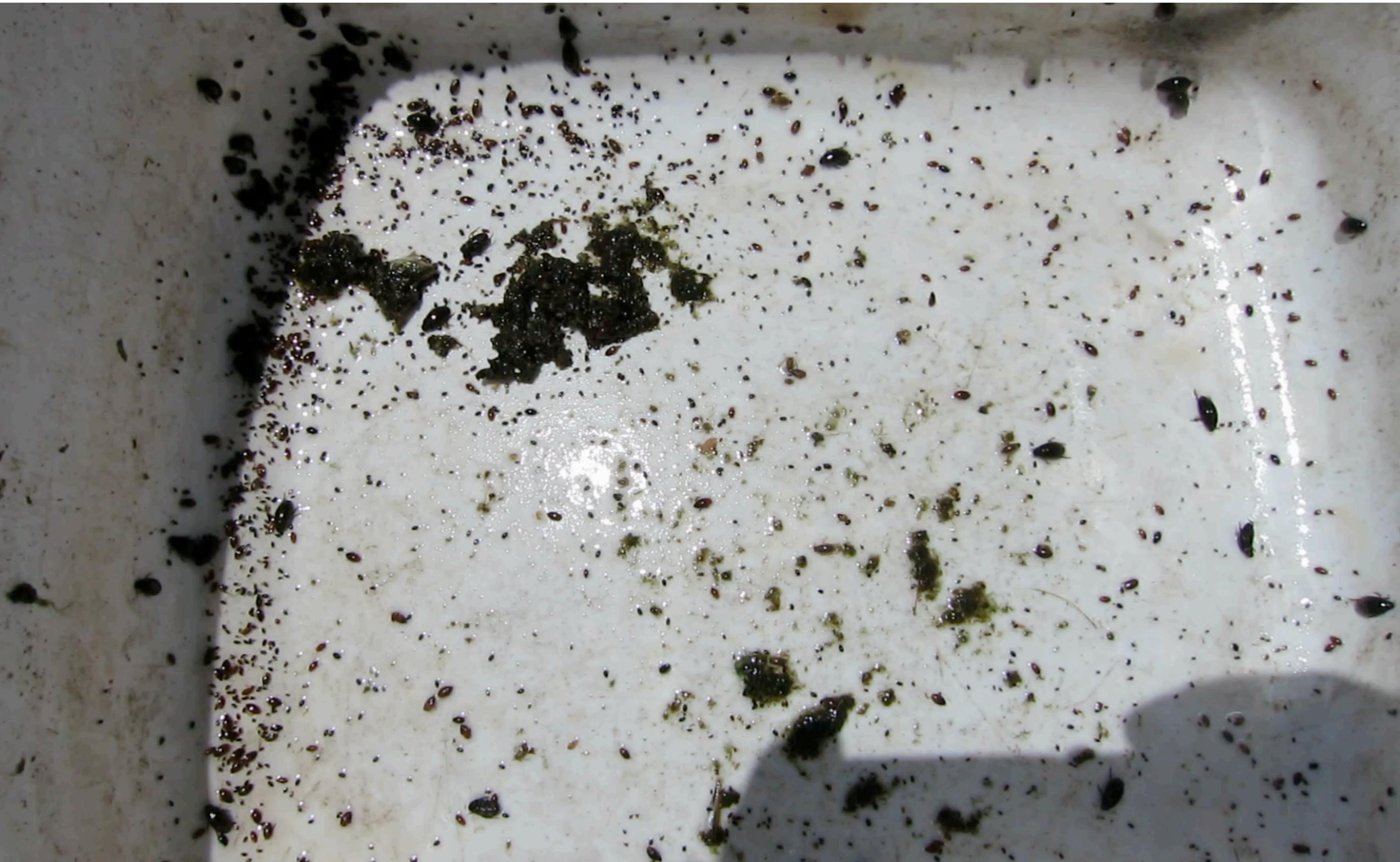
# The Screen







# Guyana: South Rupununi



# Floating the bugs out...



# Floating the bugs out...



# Pillowcases



# Floating the bugs out...





# The Strainer









# Maximizing margins











# The Brush





*Hexanchorus mcdiarmidi*

















# Pyrethrin Fogging

















2 Pans: \$5.00

Screen: \$5.00

Strainer: \$5.00

Brush: \$3.00

Insecticide: \$3.00

Pillowcases: \$4.00

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**\$25.00**



