

# IPM in Museums and Art Galleries

Pablo Picasso



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# The Modern Way We Prevent Pests

## \*Integrated Pest Management

Integrated Pest Management (IPM) is an effective and environmentally sensitive approach to pest management that relies on a combination of common-sense practices. IPM programs use current, comprehensive information on the life cycles of pests and their interaction with the environment. This information, in combination with proven pest control methods, is used to manage pest damage by the most economical means, and with the least possible hazard to people, property, and the environment.

\* Most Museums & Art galleries uses Pesticides only in specific areas

# How to *Think* Outside the Box with IPM

- Do a brain dump.
- Widen your scope of relevance.
- Box yourself in with a suspense.
- Work backward from the goal.
- Ask someone outside your field.
- Brainstorm with colleagues.
- No idea is too far fetched.
- Get buy in.



# Common Pests at Museums & Galleries



Mosquitoes



Filth Flies



Norway Rat & House Mouse



House Centipede



Booklice



Wood-boring Beetles



House Sparrow



Stinging Insects



Cockroaches

What Pests Cause the Most  
Damage to Art and/or  
Affect Human Health?

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Wood Boring insects

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Birds

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Rats/mice

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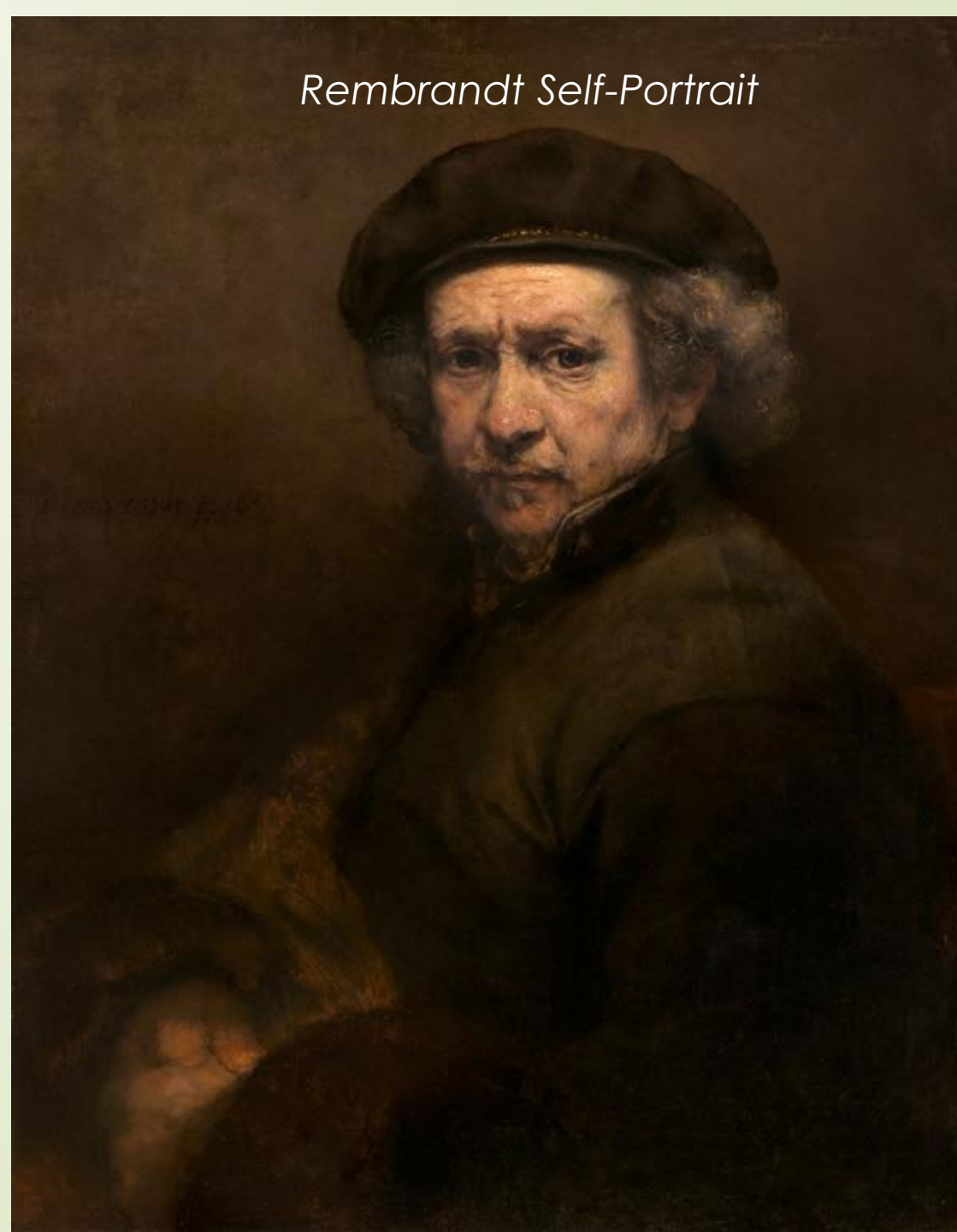
Mosquitoes

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Filth Flies



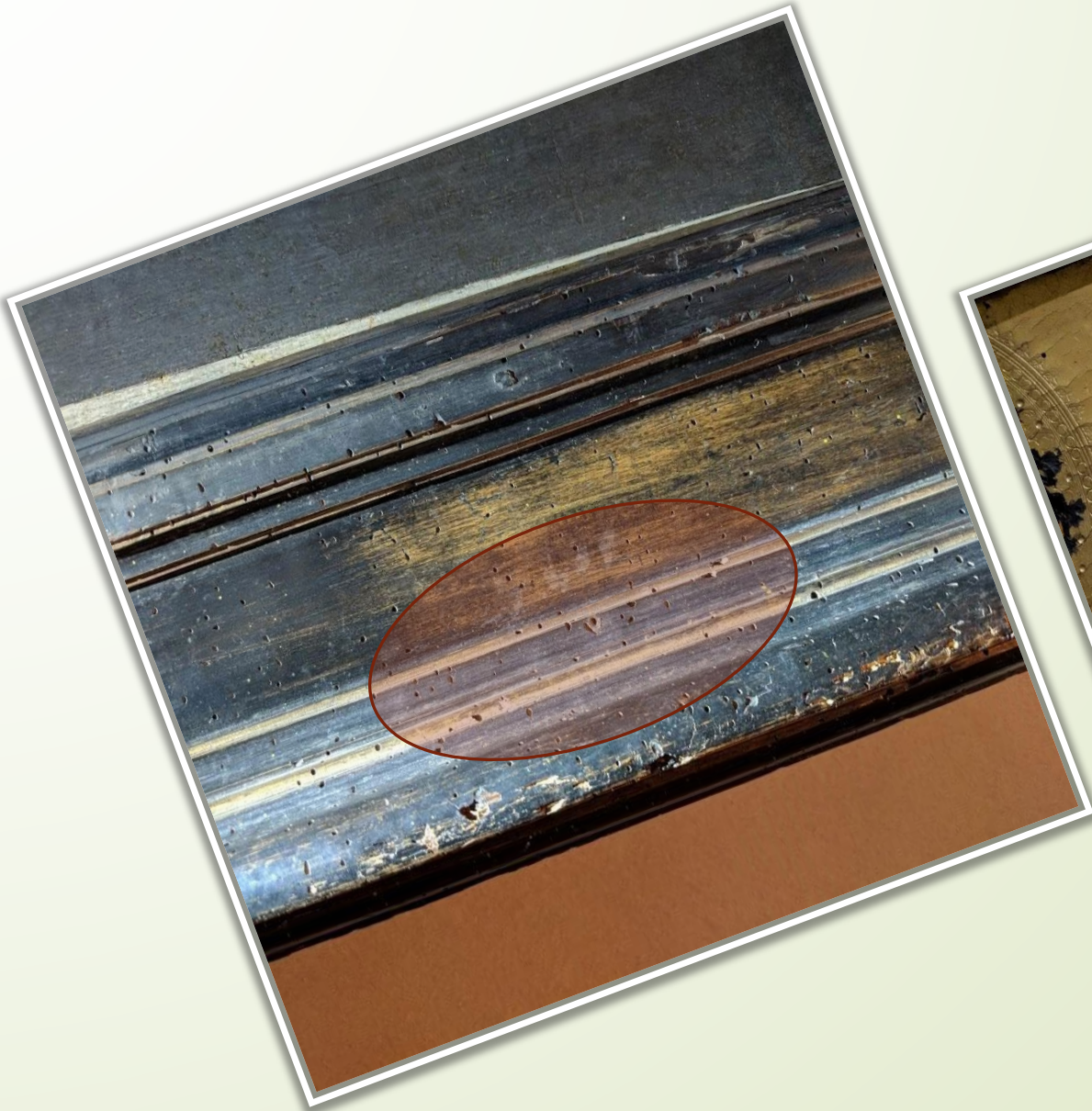
*Rembrandt Self-Portrait*



# Powder Post Beetle (PPB) Control in Art



# Types of Damage to Art



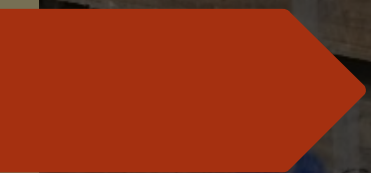
# Freezing







# Quarantine



IB1  
IA1

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Edgar Degas



## IPM Methods Used in Museums and Art Galleries

- ❑ Fly Light Traps
- ❑ Pest management plan (IPMP)
- ❑ Increase sanitation/inspections
- ❑ Glue trap monitors
- ❑ Door sweeps
- ❑ Vent Screening
- ❑ Larvacide
- ❑ Bird/netting/Falconry
- ❑ Rat Control
  - SMART Rat boxes
  - Meshing rat holes
- ❑ Increased exclusion techniques
  - Calking
  - Sealing
  - Steel mesh



Vent Screening



SMART Box Location



Larvacide



Bird Netting

# Caulking



Falconry



Rat Hole Screening

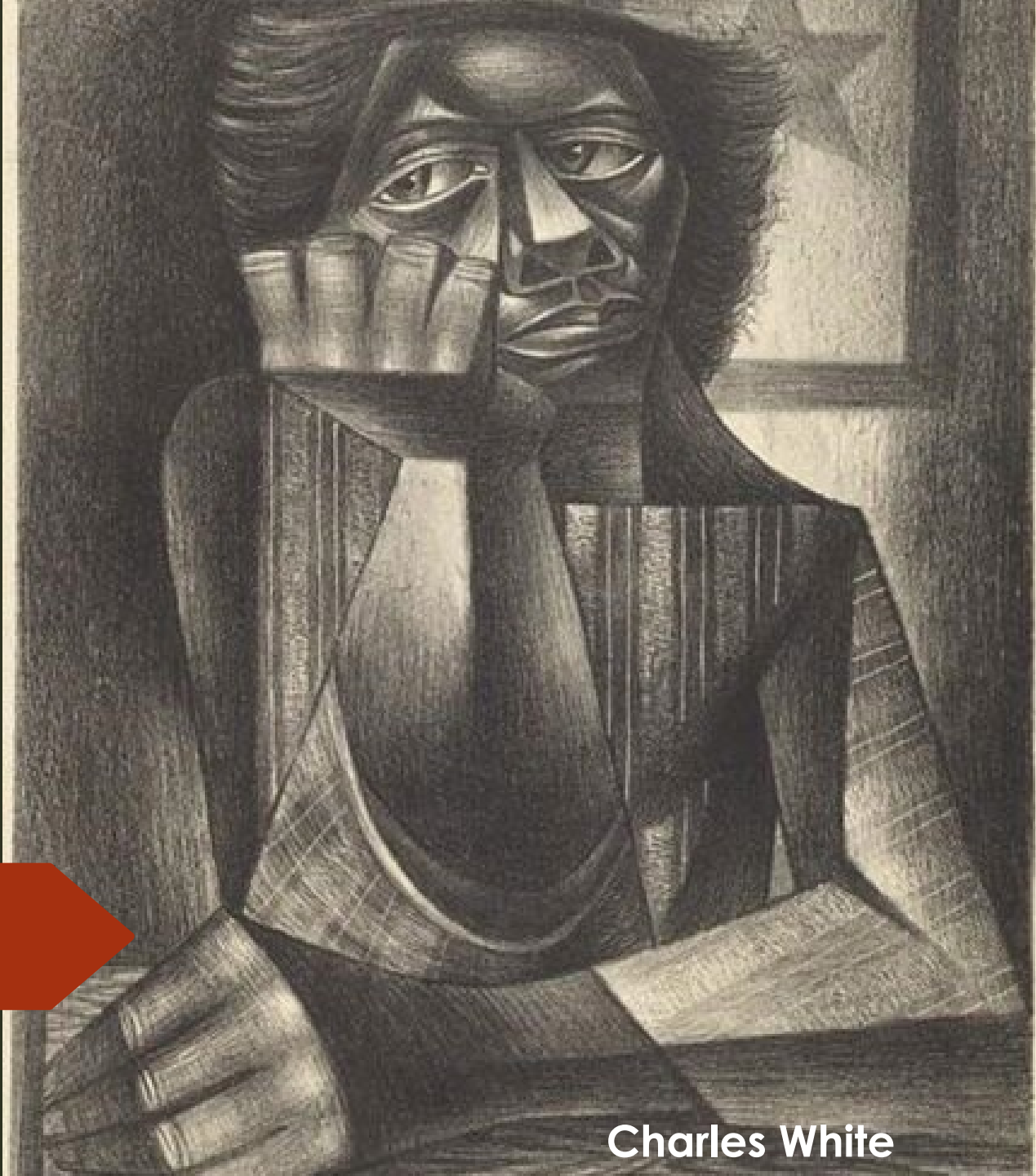


Drain Screens



Door Sweeps

Questions?



Charles White