

## Sarah Peebles

### Audio Bee Booths & Cabinets

amplified habitat sculptures for native, solitary bees and wasps 2008-2017

A self-guided vitrine "Studio Tour" in the group exhibit Workaday

Harbourfront Centre Visual Art Exhibitions, Toronto January 21 – April 23, 2017 Curated by Patrick Macaulay

Part of the Toronto Design Offsite Festival (January 16-22, 2017)

Materials: custom nest plank for solitary bees & wasps (wood, plexiglass), custom amplifier (accelerometer, electronics), headphones, video, annotated pyrographic illustration (photocopy), technical drawings, annotated nest tunnels (photocopy of macro image), books, loudspeakers, plant materials, styrofoam bee 'condo", plastic animals, tissue paper, tape, trading cards, selection of Toronto-area native bees and cuckoo bees (corpse), solitary wasp tunnel nest remnants, cardboard tunnel nest tubes & nest remnants, magnifying lenses, "Sonic Solitaries" reference booklet.

All photos enlarge to show details as desired.

### **Documentation by Kevin Steele**

## Workaday

Susan Campbell Becky Comber Robert Cruickshank Hannun Lyn Caitlyn Murphy Sarah Peebles Penelope Stewart George A. Walker

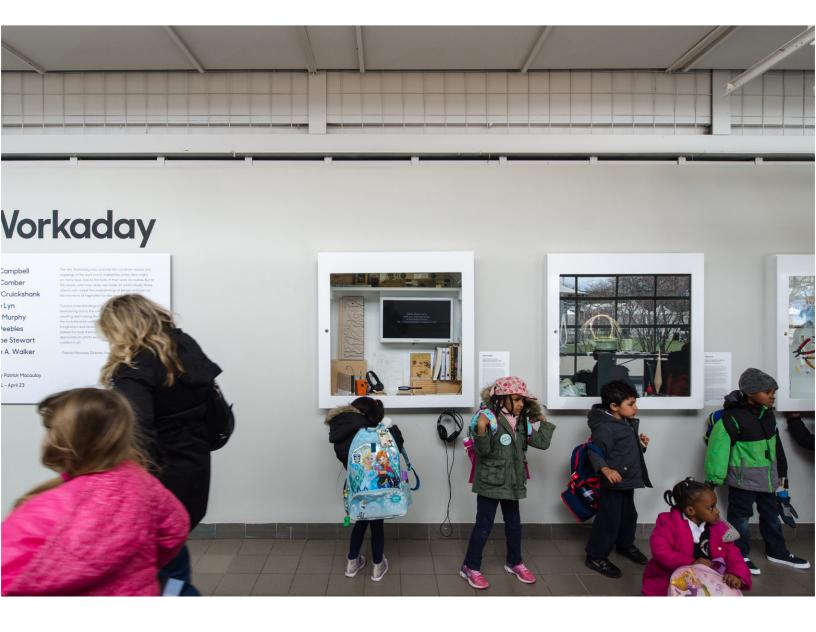
Curated by Patrick Macaulay January 21 - April 23



The title Workaday may connote the humdrum nature and trappings of the work world. Indeed the artists here might, on many days, look to the tools of their work as routine. But to the viewer, who may rarely see inside an artist's studio, these objects can reveal the underpinnings of pieces and point to the moments of inspiration for the creative process.

Current understandings of art tools and techniques can be bewildering due to the role new technologies often have in creating and making. But whether cutting edge or traditional, the tools the artist uses are still extensions of the human hand, imagination and ideation. How an artist uses their implements, indeed the tools themselves, creates significant linkages to appreciate an artist's work and the "workaday" matter that matters in art.

- Patrick Macaulay, Director, Visual Arts, Harbourfront Centre





#### Sarah Peebles

# **Sarah Peebles**

## Audio Bee Booths & Cabinets: amplified habitat sculptures for native, solitary bees and wasps, 2008-2017

Nest plank with embedded vibrational sensor: routed wood maple or elm plank, plexiglass, burned surface, accelerometer, audio cable; custom electronics: amplifier, power source (solar panel or battery), headphones; loupe; custom cabinetry; wood-burned illustrations

I have a strong conviction that in order to begin to perceive the connections between the decisions we make as individuals and as societies, and their consequences in the bigger picture, we need to cultivate our mental image of biodiversity; and, that this is best done using all of our senses, outdoors, and immersed in the environments with which we seek to connect. Audio Bee Booths and Cabinets foster the art and science of observing solitary wild bees and their role in pollination ecology. Aesthetically compelling, immersive and informative, these outdoor works intersect habitat interpretation, bio-art, sound installation and sculpture. They allow the public to safely view and listen to solitary-dwelling, (mostly) native bees - pollinators which are quite different than European honey bees - and solitary wasps, nature's insect controllers. The cabinets present the nuances of these creatures and their activities within their tunnel nests; pairing magnified views in tandem with amplified sound, these installations facilitate an enhanced perception of their tiny inhabitants: solitaries and other nest biota in action, up close. In effect, the viewer extends her own senses and enters a micro world which normally takes place in the dark - safely spying on the solitaries' nesting activities, life cycles, parasites, and their dynamic relationships with the surrounding habitat. Cabinets in Toronto include High Park Nature Centre and Access Alliance Multicultural Healthcare Centre's rooftop garden (at Victoria Park and Danforth). All venues and details are listed at "Resonating Bodies" (resonatingbodies.wordpress.com).

#### - Sarah Peebles

Sarah Peebles is a Toronto-based installation artist, composer and music improviser. Much of her work explores digitally manipulated found sound, unconventional methods of amplification, and distinct approaches to performing shô, the Japanese mouth-organ used in gagaku (court music). She has collaborated with artists, technicians and bee biologists on a series of projects addressing pollination ecology and biodiversity, entitled "Resonating Bodies", since 2008. Peebles' activities over the past 3 decades have been wide-ranging and include music for dance, multi-channel sound, radio, video/film, performance art, integrated media, sound installation and improvised performance. She has been active in North America, Europe, Japan, New Zealand and Australia. She has collaborated with musicians, visual artists, data visualizers and with the groups "Smash and Teeny" (Peebles & guitarist Nilan Perera), and "Cinnamon Sphere" (Perera, Peebles & action calligrapher Chung Gong). Peebles' music has been published on Unsounds, innova Recordings, Cycling '74, Spool, Post-Concrète, and others.

Thanks to Rob Cruickshank – electronics design and fabrication; John Kuisma – nest plank R&D; Chris Bennett – pyrographic illustration of bee lifecycle from illustrations by Celeste Green and Phyllis Thompson (*Bumblebee Economics* by Bernd Heinrich; used with permission); and, Mike Cameron and Siri Robinson – small bee condo fabrication, wood spalting.

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