

Software for the rapid identification of mammals and birds from camera trap data



What is Wild.ID?

TROPICAL ECOLOGY

Wild.ID is software designed to serve as an information management platform for protected area managers and wildlife professionals—allowing them to easily review and annotate camera trap images as well as keep track of equipment and personnel.

Who can benefit?

- National environmental agencies
- Protected area managers
- Academic/research institutions

Uses for Wild.ID:

- Create inventory of species in protected areas
- Inform management of protected areas
- Easily format data for future analysis in programs like Excel and R

Benefits of Wild.ID:

- Runs locally on a desktop or laptop computer—no internet connectivity required!
- Easily view and zoom into images while annotating
- Prevent misspellings—checks annotations against a list of valid IUCN species names
- Set confidence levels for identifications
- Change annotations for entire groups of images
- Automatically stores date/time and environmental variables—reads camera trap image metadata
- Conveniently stores equipment lists and personnel information
- Search previously annotated images and filter by project, time, photo type, genus, or species
- Effortlessly upload, edit, review, and share biodiversity data
- Direct connection to the Wildlife Insights repository using HP's cloud services (coming soon)
- Many more!



Processing images for identification



Database design and management



Data maintenance and









Motivation for Wild.ID

The original DeskTEAM camera trap management software was designed to meet the needs of the TEAM Network, a global network of field sites located in the tropics; however, the rapid proliferation of inexpensive camera trap models has left many researchers with more data than they can manage effectively.

After many requests to make DeskTEAM available for researchers at non-TEAM sites, development began on Wild.ID. Using our expertise at managing scientific data from a global network of camera traps, Wild.ID is the result of six years of intense research and development in collaboration with the San Diego Supercomputer Center. Any researcher or protected area manager can use Wild.ID to better manage their camera trap data as well as their equipment and personnel.

Wild.ID features an easy to use interface for annotating camera trap photos and managing personnel and equipment data

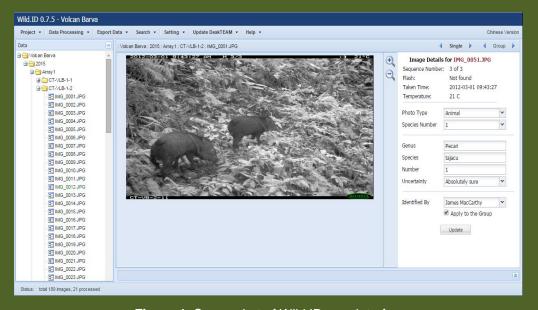


Figure 1. Screenshot of Wild.ID user interface









TEAM delivers multi-scale, real-time understanding of how key elements of Earth's operating system—climate, carbon stocks, biodiversity—are changing, and what this means for people.

Find out more about this solution:

www.teamnetwork.org/solution



Betty and Gordon Moore Center for Science and Oceans

conservation.org teamnetwork.org

2011 Crystal Drive Suite 500 Arlington, VA 22202 +1.703.341.2400

Contact:

Eric Fegraus

Technology and External Relations

+1.202.615.8578 efegraus@conservation.org

Jorge Ahumada, Ph.D.

Executive Director +1.703.341.2400 jahumada@conservation.org

PHOTO CREDITS: AFRICAN ELEPHANT (COURTESY OF NOUABALE-NDOKI, WCS); WHITE-COLLARED PECCARY (VOLCAN BARVA, OTS); MACAQUE (COURTESTY OF BUKIT BARISAN FIELD SITE, WCS); DUIKER (COURTESY OF KORUP FIELD SITE, SMITHSONIAN); OCELOT (COURTESY OF SURINAME FIELD SITE, CI); ALL OTHER PHOTOS (COURTESY OF TEAM NETWORK, BDSJS)