



VIDEO CATEGORIZER

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CONTENTS

Overview.....	2
Installation.....	2
Basic Operation.....	2
Playback Controls.....	3
Categorization Controls.....	3
Workflow Recommendation.....	4



OVERVIEW

The Video Categorizer is a specialized tool for organizing wildlife video footage into categories and subcategories, with particular focus on carnivorous species identification. The application provides keyboard shortcuts for efficient playback control and video classification during review. This includes useful shortcuts to increase video brightness, speed, or to jump forward and backward. Upon classification, the videos are moved into corresponding folders and subfolders.

INSTALLATION

1. Ensure you have [VLC](#) installed on your system.
2. Download the `VideoCategorizer.exe` file from [GitHub](#) (you will probably get lots of warnings from your anti-virus, so just tell it that this software is safe).
3. Place the executable in your preferred location.
4. (Optional) Create a desktop shortcut for easy access.

BASIC OPERATION

Loading Videos:

1. Launch the application by double-clicking on the `VideoCategorizer.exe`
2. Click "Select Video Folder" and choose a directory containing your video files
3. Supported formats: MP4, MOV, AVI, MKV

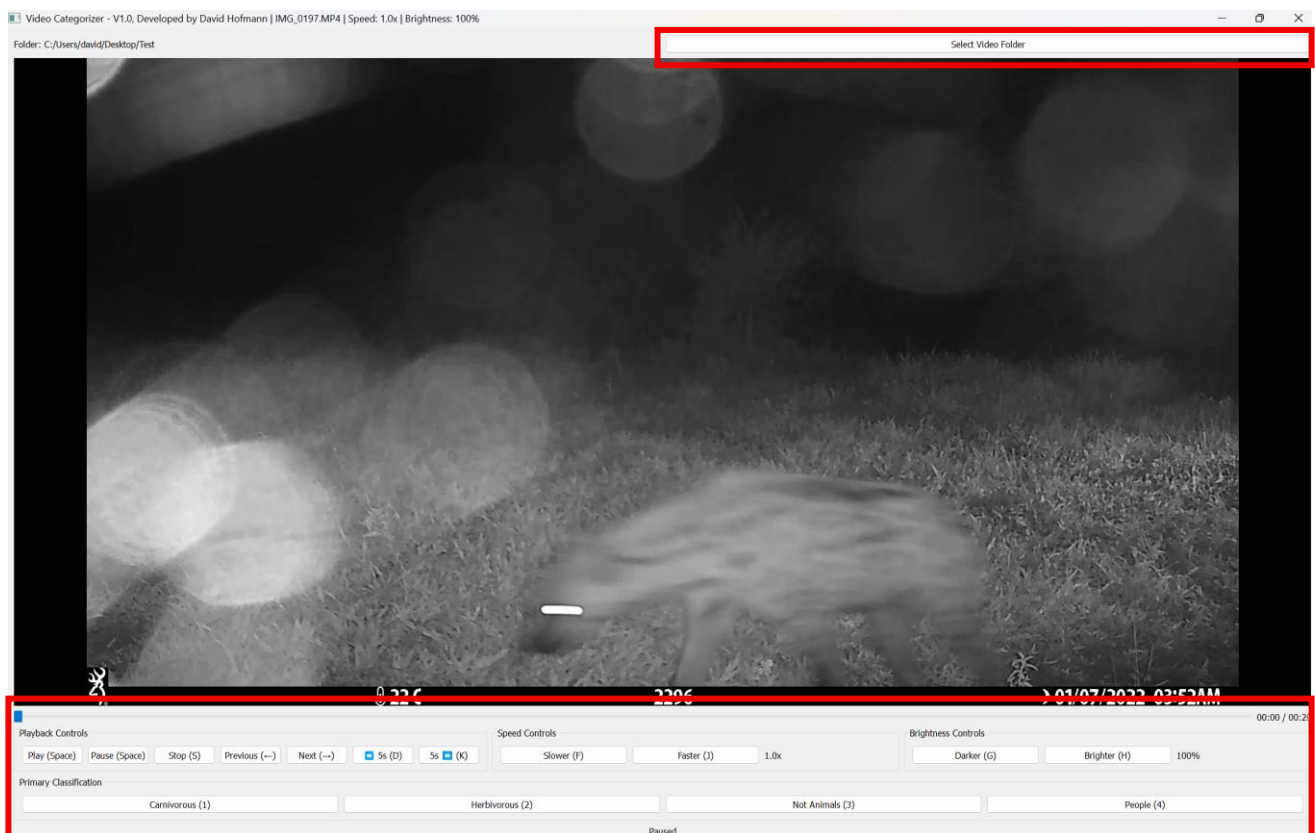


Figure 1: Screenshot of the GUI of the Video Categorizer.

The categorizer comes with several shortcuts that increase the efficiency of using the software. There are shortcuts for controlling the playback, as well as shortcuts for categorizing videos quickly.

PLAYBACK CONTROLS

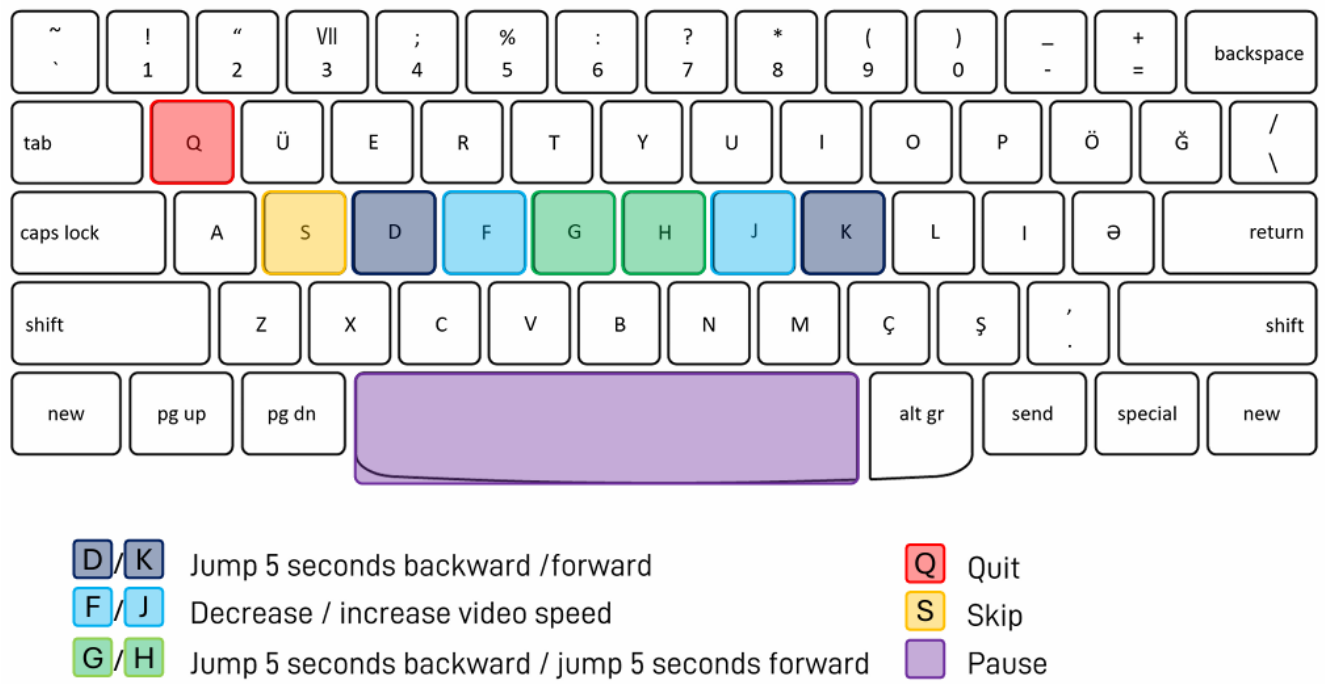


Figure 2: Schema of the playback controls.

CATEGORIZATION CONTROLS

Categorization happens at two levels. At the first level, a video has to be classified into one of four groups (Carnivorous, Herbivorous, Not Animals, People). In case a video falls into the Carnivorous category, a second level is triggered, requiring to categorize video by carnivore group or species.

LEVEL 1	LEVEL 2
Carnivorous 1	Lion 1
Herbivorous 2	Leopard 2
Not Animals 3	Wild Dog 3
People 4	Cheetah 4
	Spotted Hyaena 5
	Brown Hyaena 6
	Fox 7
	Genet 8
	Honeybadger 9
	Caracal c
	Jackal j
	Mongoose m
	Civet v
	Small Cat x

Figure 3: Shortcuts for categorizing videos.

WORKFLOW RECOMMENDATION

1. Browse to your folder of uncategorized videos. The categorizer will immediately start playing back the first video.
2. Classify the video using your keyboard
 - a. For carnivorous species: Press the number 1 and then select the appropriate species
 - b. For any other video: Press numbers 2-4. No second level needs to be selected.
3. The system automatically:
 - a. Moves the file to the appropriate folder
 - b. Advances to the next video
 - c. Repeats the procedure until all videos are categorized