

Discover and Learn New Objects from Documentaries

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IEEE 2017 Conference on Computer Vision and Pattern Recognition



Introduction

- We develop a novel approach to learning object detectors from documentary videos and subtitles in an weakly supervised way.
- We propose a framework that can effectively integrate visual and linguistic cues.

WildLife Documentary(WLD) Dataset

Video frames + subtitles

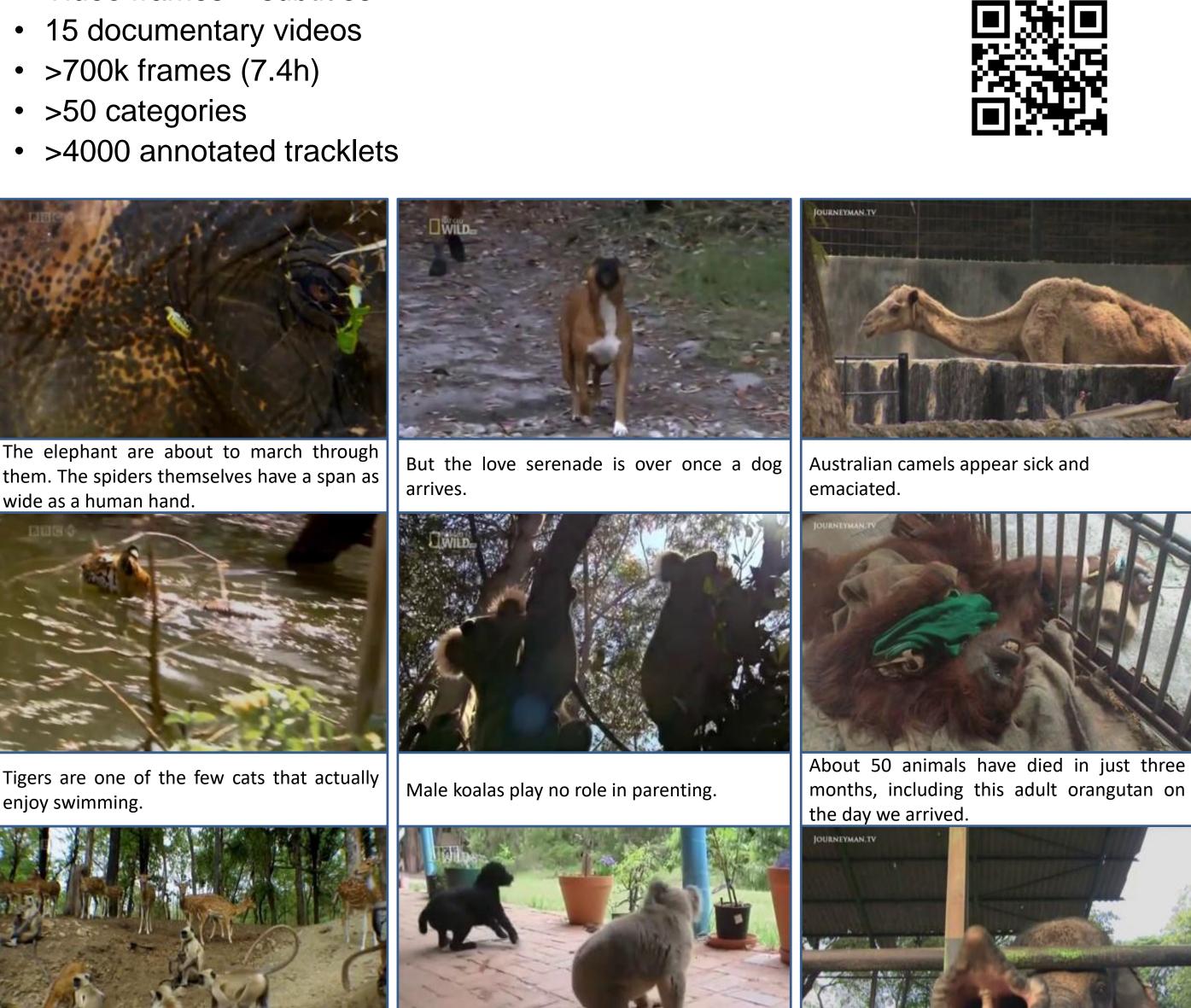
Unlike mechanics, langurs are the friends of

spotted deer.



The mayor has declined offers of assistance

and expert advice from animal welfare



There's a turf war going on and the koalas

are losing.

