Wildlife Detection System - YOLO Export Report

Export: yolo_default_20250429_085030

Generated: 2025-04-29 08:50:32

Export Details

Training Images: train

Validation Images: val

Number of Classes: 30

Dataset Summary

Total Images: 445

Training Images: 356

Validation Images: 89

Total Annotations: 452

Training Annotations: 361

Validation Annotations: 91

Species Count: 30

Detailed Analysis

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=== Wildlife Detection System Export Report ===
Export Name: yolo_default_20250429_085030
Export Type: YOLO
Export Path: /home/peter/Desktop/TU PHD/WildlifeDetectionSystem/data/export/yolo_default_2
0250429_085030
Generated: 2025-04-29 08:50:32
Total Files: 893
Total Size: 784.01 MB
File Types:
.txt: 446
.jpg: 445
.json: 1
.yaml: 1
YOLO Dataset Structure:
Training Images: 356
Validation Images: 89
Training Labels: 356
Validation Labels: 89
Classes (30):
0: Red Deer
1: Male Roe Deer
2: Female Roe Deer
3: Fallow Deer
4: Wild Boar
5: Chamois
6: Fox
7: Wolf
8: Jackal
9: Brown Bear
10: Badger
11: Weasel
12: Stoat
13: Polecat
14: Marten
15: Otter
16: Wildcat
17: Rabbit
18: Hare
19: Squirrel
20: Dormouse
21: Hedgehog
22: Turtle
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23: Blackbird

24: Nightingale

25: Pheasant

26: Human

27: Background

28: Dog

29: woodpecker

Dataset Summary:

total_images: 445

training_images: 356

validation_images: 89

total_annotations: 452

training_annotations: 361

validation_annotations: 91

species_count: 30

Class Distribution:

Class	Train	Val	Total	Train %	Val %
Human	53	13	66	80.3%	19.7%
Rabbit	108	27	135	80.0%	20.0%
Female Roe Deer	66	14	80	82.5%	17.5%
Fox	36	8	44	81.8%	18.2%
Male Roe Deer	56	23	79	70.9%	29.1%
Jackal	14	4	18	77.8%	22.2%
Turtle	3	0	3	100.0%	0.0%
Badger	4	0	4	100.0%	0.0%
Fallow Deer	2	0	2	100.0%	0.0%
Blackbird	3	0	3	100.0%	0.0%
Squirrel	4	0	4	100.0%	0.0%
Dog	3	0	3	100.0%	0.0%
Wildcat	2	1	3	66.7%	33.3%
Nightingale	1	0	1	100.0%	0.0%
woodpecker	2	0	2	100.0%	0.0%
Weasel	3	1	4	75.0%	25.0%
Red Deer	1	0	1	100.0%	0.0%