



2025 Coastal Monitoring Season

Wildlife Sense monitored coastal ecosystems of Kefalonia from May to October. Researchers surveyed marine areas and sand dunes to create detailed maps of species density and distribution

Sand Dune Survey: 71 Plant Species Recorded

54,460 observations across 4,095 quadrats (7,463 m²)

Top 3 Most Observed Species

Cyperus Capitatus (11,595)	Elymus Farctus (10,726)	Cynodon Dactylon (5,711)

Bird Survey: 80 Bird Species Documented

Over 104 hours of fieldwork, 167km surveyed

New Species Spotted in 2025:

41 new species were added, covering 167km



Most Commonly Recorded Species

Yellow-legged Gull (seen in 59 surveys)	Great Cormorant (seen in 44 surveys)	Grey Heron (seen in 41 surveys)

Top Locations Activity & Richness (Avg Species/Survey)

St Theodore lighthouse: 30 9 species avg	Koutavos lagoon: 24 14 species avg	Livadi wetlands: 22 25 species avg

Beach Clean Survey: 21,747 Items Removed

Collected over 367 individual beach clean surveys



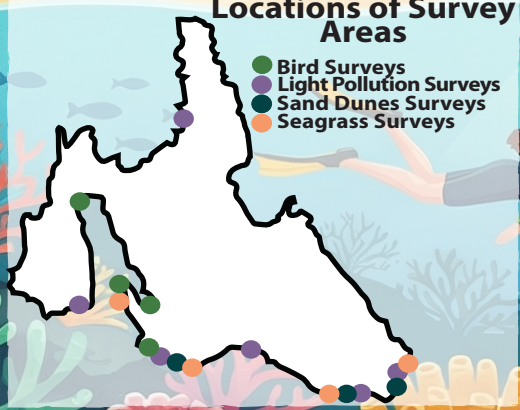
Hard Plastic Fragments are the #1 Pollutant:
6,189 items found

Top 3 Identifiable Pollutants

Cigarettes (2,846)	Straws (585)	Plastic Bottles (296)

Locations of Survey Areas

● Bird Surveys
● Light Pollution Surveys
● Sand Dunes Surveys
● Seagrass Surveys



Light Pollution: 27 Beaches Surveyed

2,454 observations along 21.1km coastline

Brightest Light Sources Observed

Hotel & Residential (459)	Beach Bar (331)	Street Light (276)	Sky Glow (101)	People (12)	Boat (15)



Hotels & Residences
are the Brightest Source

Snorkel Survey: Over 250 Hours Spent Snorkeling

Surveys covered 2.5 km² across 14 bays; 165,490 photos



28% of Seafloor Photos Show Seagrass
46,924 confirmed seagrass presence



Survey Depths Ranged from 0.1m to 12.9m
Average depth: 3.13 meters (based on 12,743 readings)



Trash is the Most Common Threat Observed: 565 instances

Rubbish (565)	Anchor Drags (360)	Human Infrastructure (309)