

# BASIC MANAGEMENT AND ENRICHMENT GUIDE TO IMPROVE THE WELFARE OF CAPTIVE PSITTACINES: Application for African grey parrot (*Psittacus erithacus*) and Blue and gold macaw (*Ara ararauna*)

## Service Learning (SL) Project

### SOCIAL NECESSITY

#### Detection of the necessity:

Many psittacine birds have a deficient level of well-being and generate erratic behaviours that are annoying for the owners and the birds themselves.

#### Description of the entity:

“Emplumados Club” is an association dedicated to “parrot families”. Its mission, vision and values focus on promoting well-being and establish harmonious relationships between animals and owners.

#### Objectives:

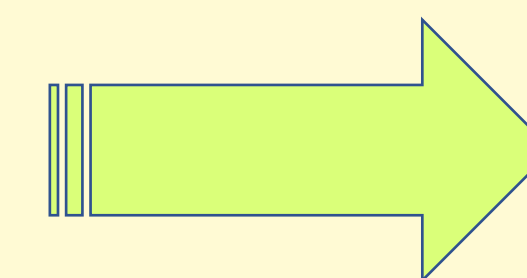
Establish an essential informative document to help the owners with the basic needs on the proper management of parrots in domestic captivity.

### SERVICE DESCRIPTION

#### Exhaustive bibliographic review:

Define the context of each of the sections of basic needs that exist for parrots, “The Five Domains”:

- Nutrition
- Environment
- Health
- Behaviour
- Mental domain



#### Creation of a schematic document:

The knowledge that must be captured is simplified in order to guide the pets' owners to cover minimum well-being in their families, including a short introduction to animal welfare.

All of these searches were especially focused on Blue and gold macaw and African grey parrot.

### REFLEXIONS

I consider that it has been an enriching experience as a student, although, due to the final usefulness of the final document, the difficulty of its synthesis has increased.

The final result meets the expectations of functionality. I hope so and that this work can help them to train as owners of a parrot.

Ariadna Calomarde Pallejà – Final Degree Project June 2022



Image 1. African grey parrot (van Zeeland et al. 2016)



Image 2. Blue and gold macaw (Burton et al. 1976)

- Burton R, Coleman B, Burton J. 1976. El fabuloso mundo de las aves y los peces.
- van Zeeland YRA, Friedman SG, Bergman L. 2016. Current therapy in avian medicine and surgery. Missouri (MO): Elsevier. Chapter 5, Behavior; p. 177-251.