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FLOCKS OF BIRDS: A DANCE WITHOUT CHOREOGRAPHER

Javier AGUILAR SÁNCHEZ *

SUMMARY. - *Flocks of Birds: A Dance without choreographer.* Ideas and theories that were conceived within the world of theoretical physics, away from the worries of everyday life, have nowadays become more interwoven into the culture and mindset of our society. Following this trend, the aim here is to introduce the intriguing notion of *emergence*. This concept can be illustrated perfectly by examining how complex behaviour shown by certain flocks of birds, can *emerge* from a group of simple rules on an individual level. General patterns which investigators use to face these problems are presented, as well as some specific models that make simulations of these fantastic movements possible.

Key words: Complex systems physics, simulation, collective phenomena, active material, Starling flocks.

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I. INTRODUCTION

Order and synchronization are attractive from an aesthetic and pragmatic point of view. During our lives, these are usually understood as the result of an effort a "leader" with universal knowledge of the system ¹. We are referring to the architect who organizes bricks to make a building, the choreographer of a dance, or even yourself, when you clear up the kitchen after cooking. This line of thought, is the reason why we are astonished when we observe this type of order and synchronization in nature. One could ask the following questions: who choreographs a flock of starlings? What do they count on to make those synchronised movements? Movements, we must remember, in which they perform abrupt manoeuvres, form unusual shapes and make use of an incredibly fast communication system (POTTS, 1984).

Recent empirical efforts have shown some of the marvellous properties of big flocks of birds, which emphasize the nontriviality of their movements. We refer to the results obtained from image processing of videos of flocks of starlings filmed in Rome (CAVAGNA *et al.*, 2010) (BALLERINI *et al.*, 2008) (see video 1).

Video 1: <https://www.youtube.com/watch?v=Ay8oeOIH5IQ>

¹ The «system», is a favourite word for physicists, and is basically an abstraction that denoted the "study object", whatever that may be.



Figure 1. Synchronized movements which emerge spontaneously (*top*) opposed to premeditated coordination (*bottom*).

When flying, every starling is continuously deciding on how to move according to its individual and partial perception of its surroundings (obstacles, other birds of the flock, predators, etc.). This is not surprising, as a person does the same while walking down a street. Naturally, each individual starling cannot process all the information of the entire flock (that would be impossible, as a flock can be made up of millions of birds), what is interesting though, is that each individual starling seems to pay attention to a fixed number (seven) of its companions (BALLERINI *et al.*, 2008).

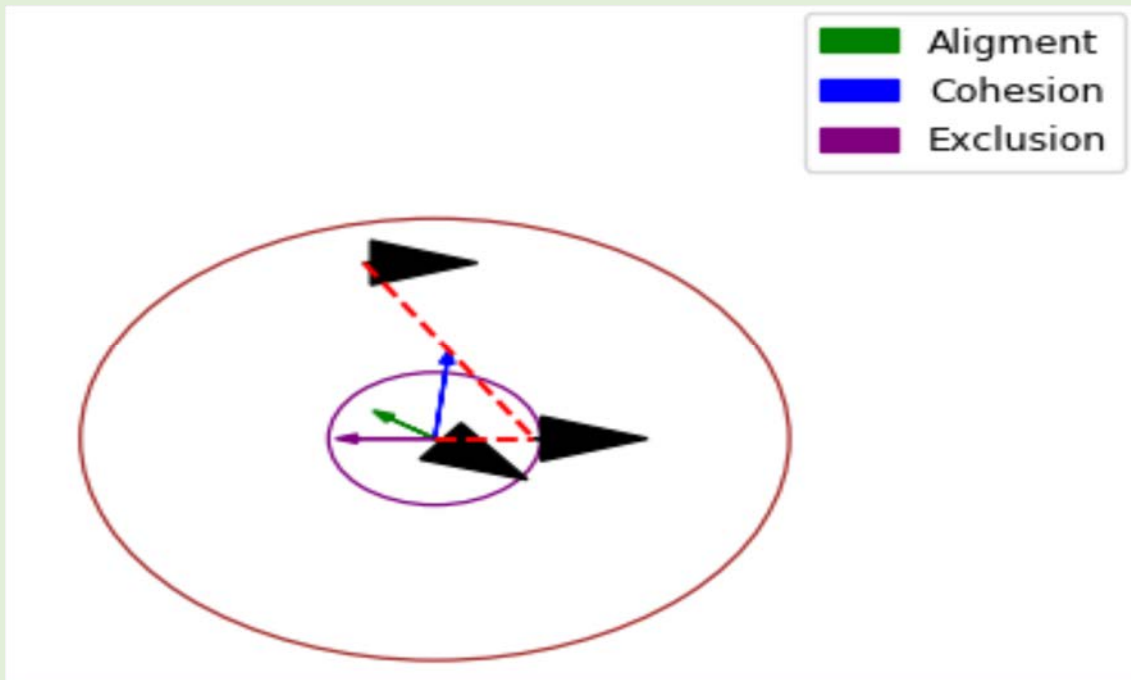


Figure 2. Sketch of forces acting on one of our arrow-birds. The radius r and R are also plotted. Noted are two birds are too far away to interact with the exclusion rule.

In other words, no matter how many birds make up the flock or how close together they are flying, each starling is only concerned about its nearest seven companions, to decide which way it should move.

The second result is probably too abstract for a rigorous explanation, so we can use an example: imagine a flock of birds flying coherently in one direction, if one of the birds perceives a predator, it will move accordingly to avoid the danger. This *a priori* individual movement, will quickly result in a global manoeuvre of the whole flock (again, independently of how large the flock is!). The result is that the manoeuvres will not have a characteristic length, as they can range from a few centimetres to hundreds of meters. In physicist language, the absence of a characteristic length is called a scale-free property, which is a characteristic of fractal objects (CAVAGNA *et al.*, 2010).

Scientists sometimes explain this lack of «leader role» with the concept of *emergence*. This suggests that complex collective behaviour appears *spontaneously* from a much simpler conduct on an individual level.

In this article we will focus on explaining the behaviour of a flock of birds with emergence behaviour. In sections II and III, two paradigmatic models are presented, and its main results are carefully discussed. Special attention will be given to the basic concepts of mathematical modelling, to familiarize the reader with these types of studies. Finally, in section IV, a few general conclusions are discussed, as well as applications of this knowledge.

II. THE BOIDS MODEL

To explain what is meant by mathematical modelling process, first an abstraction exercise is needed: each bird is represented by a well-defined mathematical object. In this case, a bird is an arrow which represents position and movement direction. Replacing the beauty and complexity of a bird's shape with an arrow may sound more like an oversimplification rather than an abstraction. However, it is emphasized that this study is limited to considerations linked to behaviour: simple rules are sought that govern bird movement on an individual level.

By using physics, each bird is therefore a particle that is subjected to Newtonian mechanics, so the "rules" are codified as *forces*. Our theory is that by using optimal selection for these rules, a natural movement of the flock will appear spontaneously. Distinguishing between the behaviour of one bird and that of the flock is subtle, but despite being "the same thing", the description of both is distinctly different: the individual movement of the birds is described by postulated rules, while the conduct of the flock may be much more complex and difficult to describe ².

The selection of a set of individual rules which then creates the desired collective behaviour is not unique. Due to historical reasons and seeking simplicity, we can follow the prescription given by Craig W. Reynolds in the well-known Boids model ³ (REYNOLDS, 1987). One of the key points of this approach was to impose that every bird has a partial perception of the flock. This partial perception is modelled by defining a distance R , whereas a bird will "decide" which way to go using just the information of its flock companions, that is, all the birds within a distance less than R . The Boids model is governed by the following rules:

- . Cohesion: Each bird heads for its flock companions. This ensures that the birds fly together creating a compact shape.

- . Separation: Since birds tend to be close, a repellent component must be added to avoid collisions. A new distance r is defined, in such a way that such that $R > r$. All the birds at a distance less than R will move in closer, however, all those that are closer than r will try and move away from each other.

- . Alignment: Each bird will try to fly in the same direction as its flock companions. This rule seems the most essential in generating the collective behaviour of the flock (ELGETI, 2015). In a sense it manages to achieve the same effects as the previous two: If two birds fly in the same direction, they will never collide, nor will they separate. Ultimately, alignment allows for the creation of a direction of movement, coherent to the whole flock.

- . Cruise velocity: The flight velocity of each bird does not change in time. The concept of cruise velocity appears in more modern versions of the Boid's model (HEMELRIJK, *et al.*, 2011). This rule has an aesthetical role; it avoids birds slowing down or speeding up unnaturally.

² This description is common in physics; *micro* (bird) and *macro* (flock).

³ The terminology "Boid" is an abbreviation of "Bird-oid object".

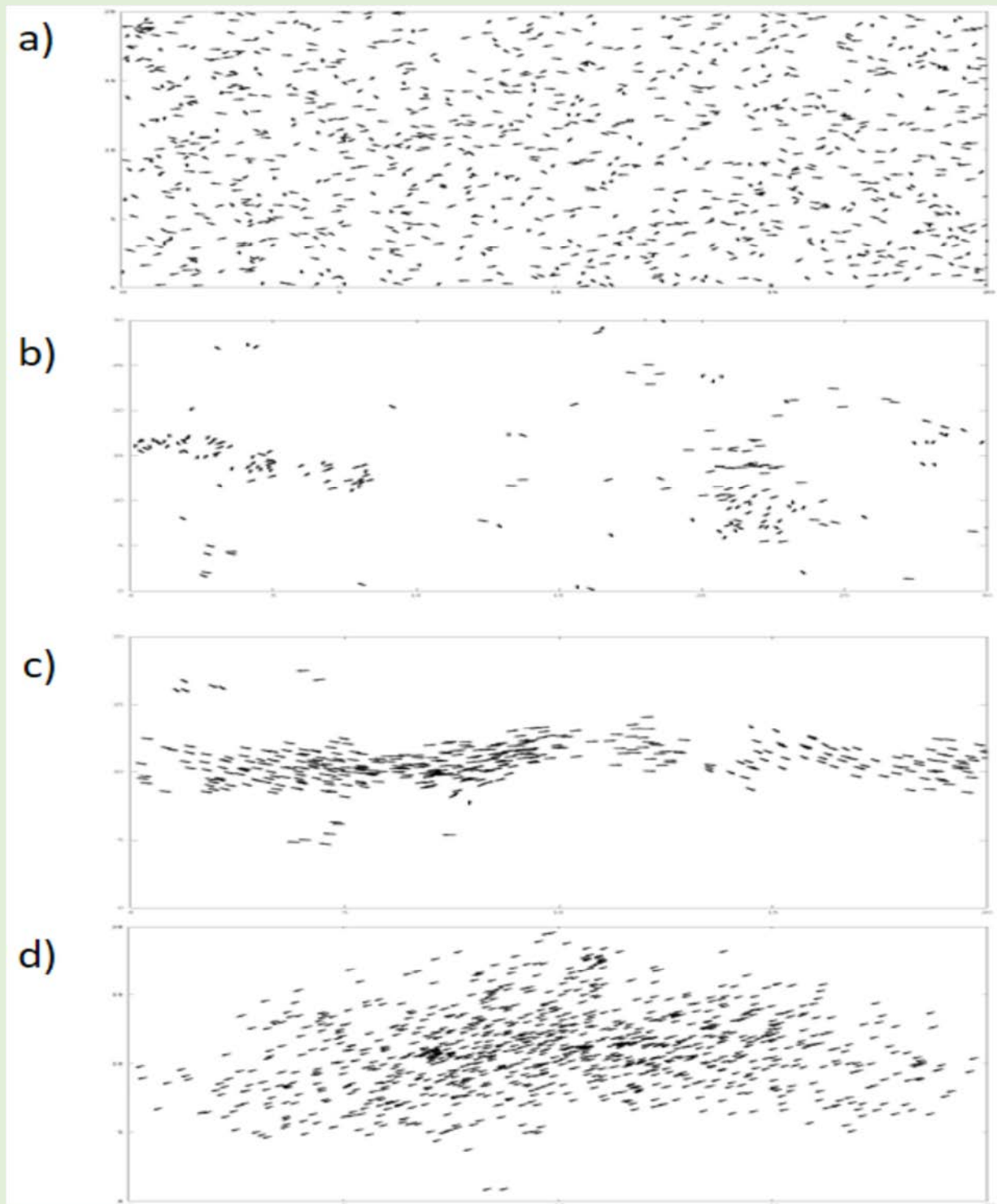


Figure 3. a) Disordered state, each bird points in a different direction and they fill the space homogeneously. b) The intermediate situation, there is no consensus about what direction to follow, yet there are some clusters of synchronized birds. c) and d) examples of ordered states, synchronization has emerged spontaneously.

Simulations have been made based on Python of a “flock of arrows”, which follows these four rules *. Our experiment starts from a *disordered state*, in which each bird has a randomly chosen velocity and position (this could correspond to a flock taking flight). In the first phase, there will be no consensus among the birds regarding which direction to take, the density of the flock is not homogeneous and its shape is very variable. However, in a time that depends on the number of birds and the inhomogeneity of the initial condition, most of the birds align themselves equidistantly and follow a same direction of movement (see video 2). On certain occasions, some birds do not find flock companions which to follow and without interaction with other birds, they will only be able to move in a straight line and loose the rest of the flock. Even during the first moments during which synchronization has not yet been reached, the resulting movement seems smooth and natural, creating a “liquid made up of small dots” sensation, which we can experience by observing a real flock of starlings.

The rules that govern the different models are usually weighted in their “mathematical translation” by quantities we call *parameters*. We have already introduced two parameters from the Boid model, the interaction radiuses R and r . As an example, we can discuss the importance of R : for low values, our bird-arrows will have trouble finding other birds to follow, and small groups of synchronised birds will form, although we cannot talk of synchronization on a large scale. Contrarily, if R is too high, the partial perception of the flock is broken, resulting in unnatural movement (all the birds would move in a straight line). Therefore, the modelling does not finish when encountering the underlying rules in nature, parameter tuning is a delicate and crucial task. Parameter tuning in models of flocks of birds has been made taking into account the aesthetic results (REYNOLDS, 1987) as well as matching the parameters with empirical data (HEMELRIJK & HILDENBRANDT, 2011). Examples can be seen of how wrong tuning of the parameters would lead to the generation of unnatural flocks (see videos 3, 4 & 5).

III. THE VICSEK MODEL

Whereas the Boids model was created in the context of computer science, we can now comment on the Vicsek model (VICSEK *et al.*, 1995). The group of rules can be considered as synthesized, we will only use the alignment rule plus a random contribution. This means that the birds will tend to align their direction of movement, but they will also undertake small movements in any direction without apparent reason. The inclusion of randomness does not only model the intrinsic stochasticity of any biological process, but also considers the action of possible non-random (*deterministic*) rules that we overlook. By using a FORTRAN* simulation, we can see

* <https://github.com/jvrglr/Flocking>

Video 2: <https://www.youtube.com/watch?v=PTo5Akpjppw&feature=youtu.be>

Video 3: <https://www.youtube.com/watch?v=G82fXgspkhs&feature=youtu.be>

Video 4: <https://www.youtube.com/watch?v=UfYhpFwwyQI>

Video 5: <https://www.youtube.com/watch?v=hFrUGDazobQ&feature=youtu.be>

that this model creates the qualitative behaviour we seek (see video 6). Making a correct balance of alignment and random contribution is crucial: If alignment

dominates (*ordered phase*)⁴, the movement will not be “rich” enough to reliably represent reality, however, if randomness prevails in the system, the emergence of synchronization is not possible (*disordered phase*).

The separation between the ordered and disordered phases is well defined by what is known as the *critical point* (see fig. 4). Critical points possess very characteristic properties which have been recognized in real flocks, this fact indicates that the birds may operate in the proximity of a critical point (MUÑOZ, 2017). This would explain the appearance of scale-free correlations fractural structures in starling flocks (CAVAGNA *et al.*, 2010). Furthermore, being near a critical point could mean the perfect balance between being in an ordered state (in which starlings are more exposed to a predator’s attack) and a disordered one (in which there is a huge waste of energy).

IV. CONCLUSIONS AND APPLICATIONS

The Boids (REYNOLDS, 1987) and Vicsek (VICSEK *et al.*, 1995) models, allow us to qualitatively show that the synchronized movement of a flock of birds can be understood as an emergent phenomenon. Thus, a flock of birds is a good example of how known and simple individual behaviour can give rise to collective non-trivial conduct. This effect is marvellously summarized in the complex physicists’ mantra “More is different” (ANDERSON, *et al.* 1972).

Furthermore, it is possible to take steps that quantitatively ensure that the results derived more complete models (HEMELRIJK & HILDENBRANDT, 2011), are adjusted to reality. These models are much more complex than those discussed in this article. These consider rules associated to bird morphology, as well as gravitational effects (it is more difficult to fly upwards), just to name but a few differences.

The Boids model was used to generate groups of animals in animated films and special effects (*Stanley & Stella in Breaking the Ice 1987, Batman Returns 1992**). Nowadays, more modern models are used although approach is the same; in the words of Craig W. Reynolds: “(...) *the animator is less a designer of motion and more a designer of behaviour*”.

The emergent behaviour discussed here is common to lots of different “swarming” animals (schools of fish, herds of land animals, etc) (BECHINGER, *et al.*, 2016). Examples can be found even on different scales, such as sperm flagella synchronization (ELGETI & WINKLER, 2015). Therefore, the appearance of this kind of movement does not strongly depend on the features of each species, but more on behavioural generalities. This *universality* is of much interest in recent investigations, in which the “flock models” are used to design synthetic devices on a microscopical scale (*micro swimmers*), and which could be used to administer pharmaceuticals or modify material properties in our body (ELGETI & WINKLER, 2015).

⁴ Order refers to “birds pointing in the same direction”.

Video 6: <https://www.youtube.com/watch?v=HG7Wh7oYMis&feature=youtu.be>

* <https://www.youtube.com/watch?v=A8Xt3DlrwhY&feature=youtu.be>

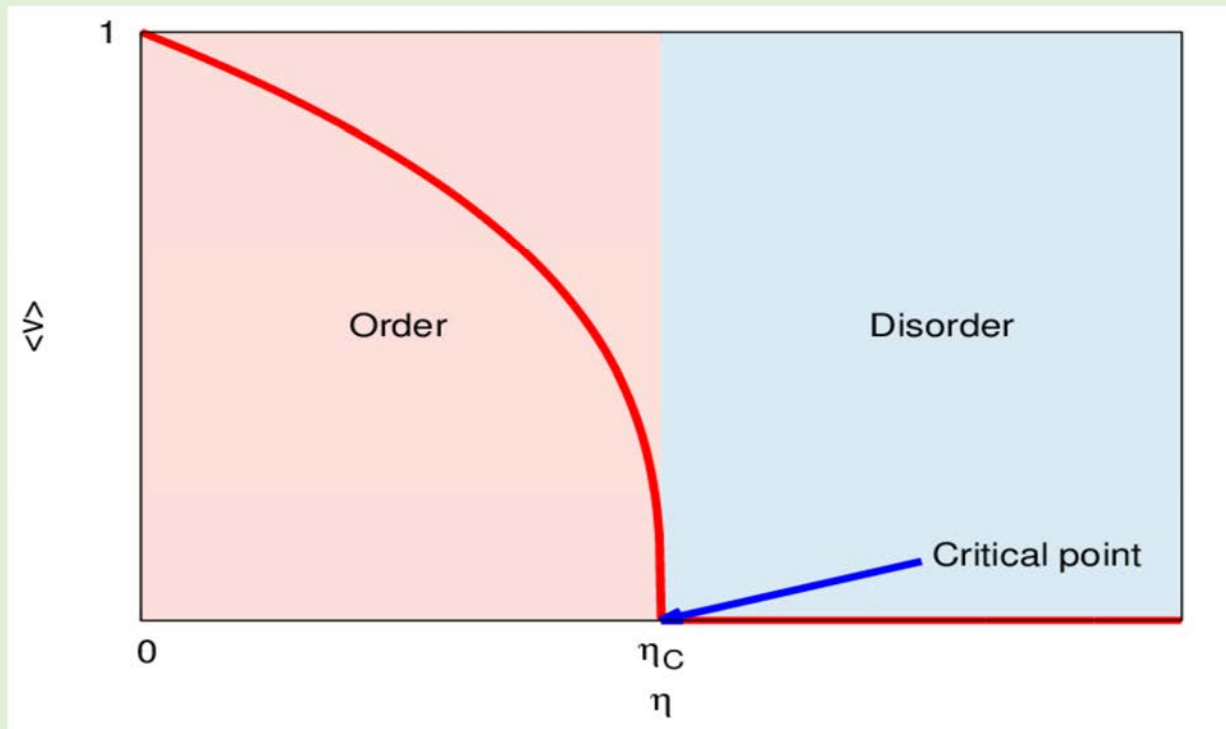


Figure 4. Typical Phase diagram of a phase transition. $\langle v \rangle$ informs of how ordered the system is, if $\langle v \rangle = 0$, every bird will point to a different direction and the system will be in the disordered state. On the other hand, if $\langle v \rangle \neq 0$ the system will be in the ordered phase. These two phases are separated by the critical point η_c . η represents “the strength of the randomness”, see (VICSEK, 1995) for a proper definition of $\langle v \rangle$ and η .

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See URL addresses at: <https://github.com/jvrglr/Flocking>

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NOTE REGARDING THE DIET OF COMMON SWIFT *APUS APUS* AT PALMA DE MALLORCA AIRPORT

XAVIER CANYELLES ¹ and LLUÍS PARPAL ²

SUMMARY. - *Note regarding the diet of Common Swift Apus apus at Palma de Mallorca airport.* During the 2011 breeding season, access to eight adult Common Swift *Apus apus* was possible, collected by the Son San Juan airport (Mallorca, Balearics) wildlife control department. On the 6th of June 2011 these birds had been involved in collisions and/or interactions with landing aircraft and had been recovered from the runways. The condition of the bodies allowed for necropsies to be carried out and the study of undigested stomach contents. The identification results of the material ingested by the swifts, show a considerable amount of medium sized insects. Knowledge of the diet of swifts within airport boundaries could assist in applying adequate peripheral habitat measures, thus avoiding the large presence of these birds near the runways and minimising interactions and/or collisions with aircraft.

Key Words: Common Swift, *Apus apus*, Insects, Feeding, Breeding, Airport, Mallorca.

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INTRODUCTION

The Common Swift *Apus apus*, belongs to the apodiformes order, of which two other species, albeit not as common, can be seen in the Balearics, the Alpine Swift *Apus melba* and the Pallid Swift *Apus pallidus*.

The Common Swift is a well-known bird, due to it being abundant in rural and urban areas as it is seen and heard with ease. It is insectivorous, with a weight around 40 gr and gregarious by nature. It spends the winter in Africa and returns to our latitude to breed in the summer. The first birds usually arrive in Mallorca during March and leave again for their wintering areas towards the end of July / beginning of August. They spend their entire lives on the wing and only alight to breed under eaves and holes in houses and buildings of our towns and cities.

At environments where there is good food availability, such as wetlands (REBASSA *et al.*, 2018) and cereal fields during certain periods, important concentrations of the species can occur (LLABRÉS, 2010), They travel large distances to feed or ascend to great heights where aerial plankton is concentrated. These facts are especially important during the breeding season, with the increase of trophic requirements to ensure enough food to rear their broods.



Photo 1. These 3 whole Common Swift *Apus apus* encountered aircraft wake.

The breeding season of this species can vary slightly from one year to another, in accordance to the weather conditions.

This note macroscopically analyses the diet of eight adult Common Swift *Apus apus*, from their stomach contents during the breeding season. These birds were collected by the falconry and wildlife control department of Palma de Mallorca airport on the 6th of June 2011, after a flock crossed the path of two landing aircraft at 11:55 hrs, with no damage reported to them.

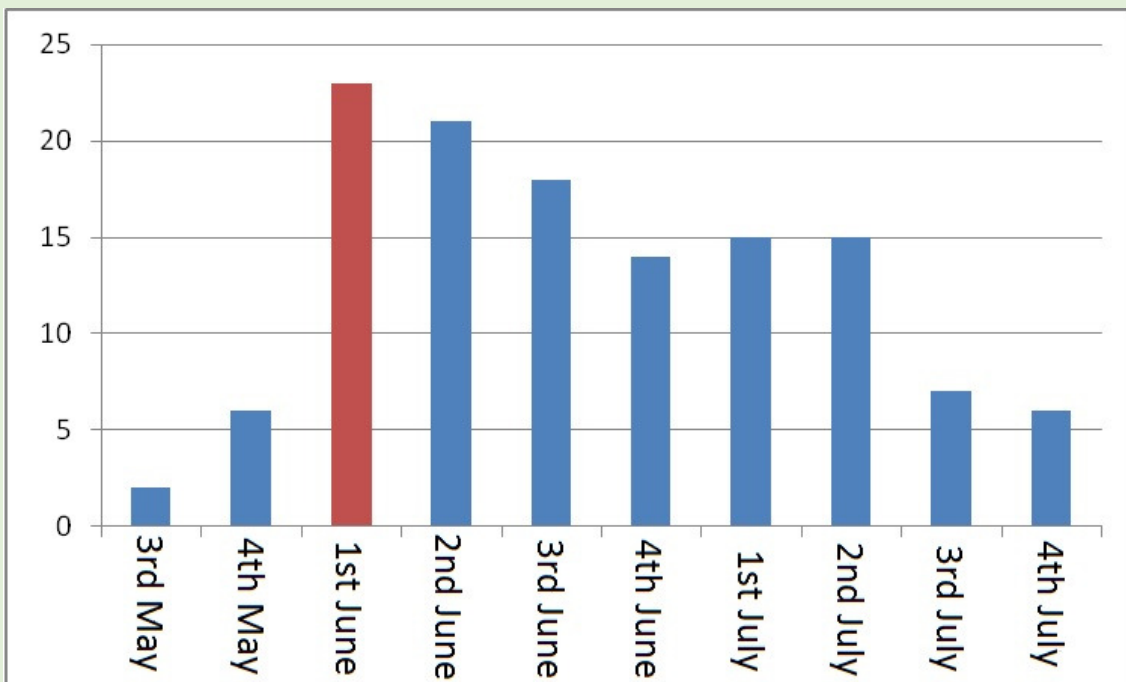
Although the belief exists that the Common Swift's diet is based mainly on aerial plankton, the results obtained from these birds, demonstrates that at least during the period and at the locality described, they incorporate medium sized and hard-backed insects as described by other authors (CHANTLER, 1999).

METHODOLOGY

To be able to determine in which breeding phase the swifts were in, reference was used according to the entrance of chicks of the species during the same year at the Wildlife Recovery Centre (CRF). In 2011, 196 Common Swift were admitted to the Recovery Centre in Mallorca, of which 127 were chicks that had fallen from the nest. The first chick was admitted on the 20th of May and the last on the 29th of July, with a maximum of 23 chicks brought in during the first week of June (graph 1). It was therefore probable, that the adult swifts studied, were feeding chicks in the developing stage with important trophic needs, with the deriving necessity in maximizing the efficiency of the trophic capture/mass achieved by time dedicated to searching for food.

In any case, consulted sources have indicated that the analysed insects from the stomach contents were most probably not being used to feed the chicks, but by the breeding adults themselves (Fusté & Kaiser, pers. com.). This poses a second

question: Do they independently select the insects they store away in the mouth



Graph 1.- Number of Common Swift *Apus apus* chicks admitted by weeks at the Mallorca Wildlife Recovery Centre during the 2011 breeding season. The maximum entrance of chicks coincides with the week during which the accident adults were received.

cavity, which mixed with saliva (LACK, 1974) are then fed to the brood? This question could not be verified due to the absence of contents in the mouth cavity of the analysed birds, but some authors indicate that the difference in diet of adults and chicks, could contribute to the seasonal variation of the captured prey (CHANTLER, 1999).

Furthermore, 2011 was considered a normal year regarding the weather, without any records of too high temperatures during the swift's breeding season, which on certain occasions can cause chicks to abandon the nest before they are fully developed. No other meteorological alterations that could affect the normal reproductive cycle of the species were reported, with a warm month of May and June / July with lower than normal temperatures with punctual showers (AMENGUAL, 2012).

The freshness of the birds allowed for immediate necropsies at the Wildlife Recovery Centre (COFIB) facilities, an Organization dependent on the "Conselleria de Medi Ambient, Agricultura i Pesca" of the Balearic Government and the Natura Parc Foundation (photo 1).

During the necropsies, health and body conditions (weight, measurements, sex..) of the birds were determined, as well as the collection of the totality of the stomach contents for later study. None of the birds were ringed or had any other type of identification.

Each bird was numbered from 1 to 8 respectively. This was followed by the preservation of the stomach contents in 8 hermetic tubes with an alcohol

dissolution of 96° and each one identified with the letter Ap and the corresponding number (1, 2, 3, 4, 5, 6, 7, 8) (photo 2).



Photo 2. Stomach contents of the respective eight Common Swift *Apus apus*.

The alcohol was renewed to improve the observation of the contents of each tube and eliminate the dissolved particles. They were then filtered with a cloth strainer. This strained material was then placed on blotting paper, to enable the meticulous separation of the material by fragments, size and colour.

The insect specimens that were whole, were easily identifiable. Others were identified by remains, such as elytrons and pronotums, which are enough for key identification. However, the loose remains of two types of Staphylinidae beetles were not enough for the correct identification at a species level, due to the lack of a meticulous genitalia study.

The non-identifiable content (earth and pollen that the insects possibly had at the time of capture and insect fragments such as antennae, tarsi, mouthparts...), was estimated by percentages of the total content, as to be able to calculate the total volume of the ingested mass

RESULTS

The eight studied Common Swift *Apus apus* were in good physical condition and with adequate weight for the species. No injuries and/or significant macroscopic alterations that could indicate disease in some of the birds were observed.

From the anatomic study of the eight *Apus apus*, it was determined that two

were females, five were males and one of undetermined sex due to its injuries. The average weight of the birds was 40,80 gr (with a maximum of 45,04 gr and a minimum of 36,86 gr). The stomach content of insects weighed an

Identifier	Weight (gr)	Sex	Stomach insect content (gr)
Ap1	41,46	Male	0,98
Ap2	37,85	Undetermined	0,69
Ap3	36,86	Male	1,04
Ap4	45,04	Male	0,81
Ap5	41,07	Female	1,36
Ap6	40,41	Male	1,15
Ap7	43,94	Female	0,84
Ap8	39,78	Male	0,70
Average	40,80	2F:5M:1Und.	0,95

Table 1.- Details of the Common Swift *Apus apus* collected at Palma de Mallorca airport on the 6th of June 2011.

	Order Coleoptera (Beetles)	Order Himenoptera (Ants, Bees, Wasps and Sawflies)	Order Heteroptera (Typical Bugs)	TOTAL
Nº of genus level identified specimens	28	2	31	61
Nº of species level identified specimens	11	0	31	42
Number of species identified	4 (+2 at genus level)	0 (1 at genus level)	6	10

Table 2- Number of identified insects up to order/species level and number of identified species.

average of 0,95 gr per bird (with a maximum of 1,36 gr and a minimum of 0,69 gr) (see table 1).

70 % of the insects were macroscopically identified, the remaining 30 % were unidentified particles, not identifiable macroscopically or partially digested. 61 insects of 3 different genera were identified. Of these, 42 were able to be identified up to specific level, of a total of 10 species (see table 2).

The identification results of the samples once classified by orders:

Order Coleoptera. *Harpalus affinis* (5 insects), *Harpalus cupreus* (1 insect), *Agonum thoreyi* (3 insects), *Astenus sp.* (3 insects), *Philonthus sp.* (14 insects), *Cassida vittata* (2 insects).

Order Himenoptera. *Halictus sp.* (2 insects).

Order Heteroptera. *Liorhyssus hyalinus* (18 insects), *Nabis sareptanus* (7 insects), *Dolycoris baccarum* (3 insects.), *Cydnus aterrimus* (1 insect), *Dyrodereus umbraculatus* (1 insect), *Eurynema ornatum* (1 insect).

A detailed relation of the data obtained from each studied *Apus apus* can be found in the annex I



Photo 3 and 4. Stomach content of two of the analysed birds. In the image on the right, two whole specimens of shield bugs *Dolycoris baccarum* and *Eurythemis aornatum* can be perfectly identified.

The Common Swift with the largest quantity of ingested insects was Ap1, with 13 specimens, taken into consideration that 8 of these belonged to the *Liorhyssus hyalinus* species, a small insect of soft texture. The swift with the smallest quantity of insects in its stomach content was Ap8, with just 3 specimens. Ap3 carried the only two bee specimens found, specifically of the *Halictus* genus, while Ap7 had ingested the largest insect found in the samples, a specimen of *Harpalus cupreus*.

The Heteroptera insects were all identified up to specific level, while this was only possible with four of the six taxa of Coleoptera. Of the Himenoptera, only two specimens of a species of bee of the *Halicus* genus were found, ingested by Swift Ap3.

CONCLUSIONS

Contrary to common belief, the Common Swift *Apus apus* does not exclusively feed on small aerial insects (aerial plankton). In this case, it has been observed that at the airport area and during the breeding season, the analysed birds had been feeding partly on larger insects that increase diet efficiency, as their capture is much more profitable in terms of the quantity (gr) captured by the time dedicated to the search of trophic resources. This study did not allow us to corroborate if this type of food is the same given to their broods.

There are some authors who indicate that the abrupt drop of swarms of many species of nutritious insects at the end of the breeding season, provokes a subsequent increase in the number of beetles captured (CHANTLER, 1999).

These Coleoptera and Heteroptera beetles do not have such efficient flight capacity compared to other groups of insects, neither do they fly so high. This therefore determines that the swifts must fly near the ground to capture them.

The species of insects found in the stomach contents are typical of herbaceous areas, such as those present at the vicinity of the airport runways. These insects fly at low heights during the early hours of the day to colonize new areas, moment during which, the swifts possibly take advantage to capture them, swooping low near the ground, as they would not be able to accomplish this by any other means.

During the summer season, there is a considerable increase in flights at Palma de Mallorca airport, which can reach averages of one aircraft movement (landings or take-offs) every 2 minutes. The presence of birds at runways can pose a risk to flight safety. Knowledge about the birds and the food resources they seek near the runways, can allow for the application of continued habitat management addressed to these types of insects, therefore minimizing the use of insecticides that affect many non-target species. It is obvious that with a decrease in the availability of insects, these birds will elect to move to other locations to obtain the necessary food they need to rear their broods during the months of May and June.

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ANNEX I

Species identified in the stomach contents	Samples of the contents of the 8 <i>Apus apus</i>							
	Ap1	Ap2	Ap3	Ap4	Ap5	Ap6	Ap7	Ap8
Order COLEOPTERA								
● Superfam. Caraboidea								
Fam. Platynidae								
<i>Agonumthoreyi</i>	-	-	-	1	1	-	-	1
Fam. Harpalidae								
<i>Harpalusaffinis</i>	1	1	1	-	-	2	-	-
<i>Harpaluscupreus</i>	-	-	-	-	-	-	1	-
● Superfam. Staphylinoidea								
Fam. Staphylidae								
Subfam. Paederinae								
<i>Astenus sp.</i>	-	1	1	-	-	-	1	-
Subfam. Staphylininae								
<i>Philonthus sp.</i>	2	1	2	1	3	2	1	2
● Superfam. Chrysomeloidea								
Fam. Chrysomelidae								
Subfam. Cassidinae								
<i>Cassidavittata</i>	-	1	1	-	-	-	-	-
Order HIMENOPTERA								
● Superfam. Apioidea								
Fam. Halictidae								
Subfam. Halictinae								
<i>Halictus sp.</i>	-	-	2	-	-	-	-	-
Ordre HETEROPTERA								
● Superfam. Coreoidea								
Fam. Rhopalidae								
<i>Liorhyssushyalinus</i>	8	-	-	2	2	3	3	-
● Superfam. Cimicoidea								
Fam. Nabidae								
<i>Nabissareptanus</i>	1	-	-	3	2	1	-	-
● Superfam. Pentatomoidea								
Fam. Pentotomidae								
<i>Dolycorisbaccarum</i>	1	-	-	-	1	1	-	-
<i>Cydnusaterrimus</i>	-	-	-	-	-	-	1	-
<i>Dyroderesumbraculatus</i>	-	1	-	-	-	-	-	-
<i>Euryremaornatum</i>	-	-	-	-	1	-	-	-
UNIDENTIFIED REMAINS (illustrative percentages)	15 %	23 %	20 %	40 %	32 %	20 %	40 %	35 %

DISTINGUISHING BETWEEN MOUSSIERI'S REDSTART *PHOENICUROS MOUSSIERI* AND COMMON REDSTART *PHOENICUROS PHOENICUROS* FEMALES

RAÛL ESCANDELL ¹ and CARLOS LÓPEZ-JURADO ²

SUMMARY. - *Distinguishing between Moussieri's Redstart* *Phoenicurus moussieri* and *Common Redstart* *Phoenicurus phoenicurus* females. This note explains how to tell apart females of Moussieri's Redstart *Phoenicurus moussieri* and Common Redstart *Phoenicurus phoenicurus*, both in the field and in the hand, based on plumage colouring, biometrics and wing formula. Data obtained from a bird ringed on the 16th of October at Illa de l'Aire (Sant Lluís, Menorca), is compared to bibliographic reference, with the wing formula and the biometrics of the most discriminatory measurements such as wing, tail, tarsus and wing formula, coinciding perfectly with the reference measurements for *Phoenicuros moussieri*.

Key words: Female, Moussieri's Redstart, *Phoenocuros moussieri*, Common Redstart *Phoenicurus phoenicurus*, Illa de l'Aire.

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In the latest SEO Rarities Committee report number 32, a Moussieri's Redstart *Phoenicurus moussieri* record was accepted, a bird captured and ringed at Illa de l'Aire (Sant Lluís, Menorca) on the 17th of October 2016 (ESCANDELL, 2018). With this latest record, nine accepted have now been accepted in Spain. This one is notable though, not just for ringing record itself, but because it is the first accepted record of a female. The females of this species are easily confused with those of Common Redstart *Phoenicurus phoenicurus*, which poses identification problems and undetected females. This fact is probably the reason for the disproportion in numbers of accepted records between males and females.

In the Balearics, three species of the genus *Phoenicurus* have been recorded: Black Redstart *Phoenicurus ochruros*, migrant and winterer, Common Redstart *Phoenicurus phoenicurus*, which can be seen during both migratory passages, and the third, Moussieri's Redstart *Phoenicurus moussier*, considered accidental to the islands, with just three accepted records. The males of the three species can be readily identified by their plumage colouring, albeit the females are somewhat more complicated. That of the *Phoenicurus ochruros*, a brown-grey ashly colour, being the most different. Problems arise with the identification between *P. phoenicurus* and *P. moussieri* females. With this note we aim to punctuate the most important traits to be able to clearly distinguish between the females of these two species.

Moussieri's Redstart is a species endemic to the extreme northwest of Africa, from southern Morocco to the north of Tunisia. Even though it is considered mostly sedentary, it does undertake notable dispersive movements, as well as short distance

migratory ones, without departing the aforementioned geographical area (CRAMP, 1988). During the winter altitudinal movements are made from the high areas of the Atlas Mountains, where it breeds, to its winter quarters which are mainly found at semi-desert zones, the Moulouya Valley in NE Morocco or in the area of the Ksour Range in Algeria (DEL HOYO *et al.*, 2005), being of note. Of special interest is that in recent years, some birds have been confirmed as regular winterers in Malta (CLEMENT & ROSE, 2015), probably originating from Tunisia, are what is more, the wintering individuals detected are mainly females (Tim Micallef *in litt.*). It is therefore reasonable to assume that the appearance of females during the migratory passage and even during the winter is quite possible in the Balearics and therefore to be able to distinguish the species is of importance.

Identification: Moussieri's Redstart females are smaller, with shorter wings and tail. Their underparts (belly and flanks) are of a more orange colour and brighter. The upper parts are grey or brown-grey, while those of the Common Redstart are dark brown without traces of grey. For correct field identification, these plumage traits should be combined with the observation of the primary projection, clearly different in both species due to their morphological differences. As already mentioned, Moussieri's Redstart is a short distance migrant, while the Common Redstart is a long-distance migrant. In accordance to Seebohm's rule, migratory birds that travel the most distance have longer and more pointed wings, as is the case in these two species (SEEBOHM 1901; CALMAESTRA & MORENO, 2001). In hand, the biometric measurements are decisive for the identification (table 1). See photos 1 - 6.

Female plumage	<i>Phoenicurus phoenicurus</i>	<i>Phoenicurus moussieri</i>
Back	Dark brown	Brown-grey
Under-tail coverts	White-ochre	Dark orange
Belly and flanks	Light white-ochre, with orange trace	Light orange
Remiges	Brownish	More brownish
Tail	Longer	Shorter
Wing panel	With narrow beige coloured edges	With a slight pale tone
Throat	Pale grey	Orange
Eye-ring	Pale and inconspicuous	Pale and inconspicuous

Table 1. Moussieri's Redstart *Phoenicurus moussieri* and Common Redstart *Phoenicurus phoenicurus* plumage colouring.

Biometrics: For identification in hand, the main differences between the females of the two species are presented, with biometric data and wing formula (DEMONGIN, 2016) (SVENSSON, 1996), as well as the data of the bird captured and ringed at Illa de l'Aire. (In this text, the wing feather numeration, primaries and secondaries, is ascendant)

Hereunder is a table with the main differences between the two species, with the biometric data and wing formula of the bird ringed at Illa de l'Aire. The biometrics coincide perfectly with the most discriminatory reference measurements, such as wing, tail, tarsus and wing formula. These measurements, combined with the aforementioned described plumage characteristics, allow for the identification of this bird as a Moussieri's Redstart.



Photo 1 and 2. Female Moussieri's Redstart *Phoenicurus moussieri*, Illa de l'Aire, 17th of October 2016, and female Common Redstart *Phoenicurus phoenicurus*, Illa de l'Aire, April 2018. Difference in the flanks, with *Phoenicurus moussieri* having more colour than *Phoenicurus phoenicurus*.
Photos: Raül Escandell.



Photo 3 and 4. In line with the general topic. Difference in the under-tail coverts, with more colour in *Phoenicurus moussieri* than in *Phoenicurus phoenicurus*.
Photos: Raúl Escandell.



Photo 5 and 6. Difference in the sixth primary and the wing tip. In *Phoenicurus moussieri* the 6th primary is almost as long as the wing tip, only 1mm shorter. In *Phoenicurus phoenicurus* the distance is obvious, between 5 mm and 10 mm. Also apparent is that the first primary is longer than the primary coverts in *Phoenicurus moussieri*, while in *Phoenicurus phoenicurus* the distance is shorter.

Photos: Raül Escandell.

Female biometrics	<i>Phoenicurus phoenicurus</i>	<i>Phoenicurus moussieri</i>	<i>Ph. moussieri</i> Illa de l'Aire 17.10.2016
Weight	11 – 23 gr	14 – 15 gr	14.4 gr
Wing	73 – 84 (88) mm	62-71 mm	66 mm
Tail	50-60 mm	44-51 mm	48.5 mm
Beak-rc	12.8-15.9 mm	14.2-15.7 mm	13.95 mm
Tarsus	19.7-23.3 mm	22.8-25.4 mm	25 mm
Wing formula			
Wing tip	4-3	5-4	5-4
2^a P	= 6 ó = 5 / 6 (= 6 / 7)	=7 / 8 ó 8 (8 / 9)	=7 / 8
P1-PA		24-33 mm	27.5 mm
P2-PA	5-10 mm	6-9 mm	6.5 mm
P6-PA	5-10 mm	0.5-2 mm	1 mm
P10-PA	8-13 mm	8-13 mm	9.5 mm
1a.PP<CCPP	2-8 mm	6-11 mm	9 mm
Emargination	(6), 5, 4, 3	(6), 5, 4, 3	6, 5, 4, 3

Table 2. Moussieri's Redstart *Phoenicurus moussieri* and Common Redstart *Phoenicurus phoenicurus* biometrics and wing formula.

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WINTER CENSUS IN THE BALEARICS OF WATERFOWL, WADERS AND GULLS, JANUARY 2018

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SUMMARY. - *Winter census in the Balearics of waterfowl, waders and gulls, January 2018.* The January census covered the four largest islands (Mallorca, Menorca, Ibiza and Formentera). A total of 29.062 birds of 73 different species were counted; 75,9 % of the birds were counted in Mallorca, 16,4 % in Menorca, 4,6 % in Ibiza and 2,9 % in Formentera. These numbers are very similar to those of 2017, a year which noted a recovery in numbers from the drop in the 2016 count.

The most abundant species were Common Coot *Fulica atra* with 3.674 birds, followed by Common Mallard *Anas platyrhynchos* with 3.285, Cattle Egret *Bubulcus ibis* with 2.831, Lapwing *Vanellus vanellus* with 2.566 birds and Northern Shoveler *Anas clypeata* 2.359. Followed at some distance were Common Teal *Anas crecca* with 1.638 birds, Yellow-legged Gull *Larus michahellis* 1.784, Black-headed Gull *Larus ridibundus* 1.037, European Golden Plover *Pluvialis apricaria* 907, Greater Flamingo *Phoenicopterus roseus* 803 and Kentish Plover *Charadrius alexandrinus* with 762 birds counted. Of note, the presence of a Black Stork *Ciconia nigra* at Albufera des Grau, a Glossy Ibis *Plegadis falcinellus* and a Eurasian Bittern *Botaurus stellaris* at Albufera de Mallorca, and 2 Eurasian Spoonbill *Platalea leucorodia* and a Eurasian Dotterel *Charadrius morinellus* at Salobrar de Campos.

Key words: Waterfowl, waders, ardeids, gulls, winter census, Balearics.

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During January 2018 a census of waterfowl and waders at Balearic wetlands, along with ardeids and gulls at roosts, was carried out in accordance to the "Monitoring Water birds" program coordinated by the International Waterfowl Research Bureau (IWRB).

The census is based on the methodology proposed by Wetlands International (DELANY *et al.*, 1999). The common names used are those recommended by the *British Ornithologists Union records Committee* (BOURC) and adapted by the AERC-TAC.

The census was carried out from the 6th to the 21nd of January 2018, with maximum effort focused on the 12th, 13th and 14th. The methodology varied according to the size of the localities. At the larger ones the census was carried out on the two focal days by volunteers split into teams, while the smaller localities were visited throughout the census period. A helicopter was used at Albufera Natural Park, Prat de Alcúdia and Reserva Natural de s'Albufereta, making the same low and slow

passes as in previous years, over the most inaccessible areas in order to raise the birds and facilitate their count.

As during previous years, the most elusive and secretive species at Albufera were not directly counted. A population estimate was used according to information available from the Park. As per last year, seabirds (gulls, terns and gannets) were not included in the census at every locality due to their low representation; table 1 data that refers to gulls corresponds only to those roosts counted in the bays of Palma and the bays of north Mallorca. Exotic, escapee or naturalized species were not considered either. Ardeids and Great Cormorant were counted at all the localities and roosts (table 1).

A total of 121 people participated and collaborated in the census, surveying a total of 64 localities: 34 in Mallorca, 15 in Menorca, 10 in Ibiza and 5 in Formentera.

RESULTS

In the 2018 census a total of 29.062 birds of 73 different species were counted at the surveyed localities in the Balearics: 9.811 waterfowl in the broad sense of the word, 1.138 Little and Black-necked Grebes, 4.883 Common Moorhen, Water Rail and mostly Common Coot, 5.161 waders, with predominance of Common Lapwing, 2.866 gulls and other water birds, among them 803 Greater Flamingo and 627 Great Cormorants. In the total of birds counted, 174 Marsh Harrier *Circus aeruginosus*, 3 Hen Harrier *Circus cyaneus* and 12 Osprey *Pandion haliaetus* were included. The few observed European Shag *Phalacrocorax aristotelis* were not included, due to being at their breeding colonies in January.

The total count of 29.062 birds in the Balearics during the 2018 is slightly inferior to the 29.664 birds counted in the 2017 census (MANCHADO *et al.*, 2017), and clearly exceeds the 2016 total of 25.598 birds (MANCHADO *et al.*, 2016), and that equally similar count of 25.382 birds in 2015 (MANCHADO *et al.*, 2015).

The distribution throughout the islands is very similar to previous counts. The total numbers of birds show certain island variations, especially in Menorca, where it has dropped noticeably by 1.140 birds. It has also dropped slightly in Ibiza, with 306 birds less. These decreases are somewhat compensated by the increase of 611 birds in Mallorca and 233 birds in Formentera. This results in the favourable gain of just 603 birds compared to 2017.

From the total of 29.062 birds, 73 species were counted. Overall, the numbers are very similar to those of January 2017, during which 29.664 birds of 70 species were counted, which entailed, as with this count, a recovery from the decrease noted in 2016. 75,9 % of the bird total and 68 species were recorded in Mallorca. Menorca; 16,4 % of the bird total and 452 species; Ibiza 4,6 % of the bird total and 36 species; Formentera 2,9 % and 19 species. These results are very similar to the previous year. Ibiza recorded the least species, 36 versus 42 detected in 2017. It must be mentioned that some of the differences are due to seabirds, which are not always counted with the same coverage, and others such as the Common Moorhen, Eurasian Woodcock and the Eurasian Stone Curlew, which due to their difficult detection, are most probably undercounted.

Mapa Zona	Total Zona	Espècies	AnsAns	TadTad	AnaPen	AnaStr	AnaCre	AnaPla	AnaAcu	AnaCly	NetRuf	MarAng	AytFer	AytFul
01 S'Albufera	8870	57	4	160	155	379	1441	770	29	1383	112	19	60	2
02 Es Salobrar	1214	30	-	211	4	-	-	295	-	-	-	-	-	-
03 L'Albufereta	2670	38	-	6	20	126	12	540	16	247	2	-	3	-
04 Prat d'Alcudia / Estany Ponts	345	11	-	-	2	14	-	7	-	67	7	-	33	-
05 Costa/torrent son Real/son Bauló	330	19	-	-	-	-	1	45	8	-	-	-	1	-
06 Torrent de na Borges	37	5	-	-	-	-	-	4	-	-	-	-	-	-
07 Torrent i depuradora d'Artà	72	8	-	-	-	-	-	2	-	-	-	-	-	-
08 Bassa de Son Jordi	21	4	-	-	-	-	-	-	-	13	-	-	-	-
09 Torrent i golf de Canyamel	33	6	-	-	-	-	-	-	-	-	-	-	-	-
10 Porto Colom i ports de Llevant	30	3	-	-	-	-	-	-	-	-	-	-	-	-
11 Parc Natural de Mondragó	33	7	-	-	-	-	-	12	-	-	-	-	-	-
12 Es Llombards	42	1	-	-	-	-	-	-	-	-	-	-	-	-
13 Estanys sa Vall i costa Sud	538	22	-	103	-	-	-	82	-	19	-	-	-	-
14 Illots de na Llarga i na Cabots	785	1	-	-	-	-	-	-	-	-	-	-	-	-
15 Estanys de sa Colònia	39	6	-	1	-	-	-	9	-	-	-	-	-	-
16 Eddar Sa Ràpita i Sa vinyola	127	6	-	-	5	-	6	84	-	-	-	-	-	-
17 Golfs Son Gual i Puntiró	130	6	-	-	-	-	-	91	-	3	-	-	1	-
18 Prat de Sant Jordi	716	9	-	-	-	-	-	5	-	-	-	-	-	-
19 Bassa de can Guidet	264	12	-	2	3	-	1	51	-	31	-	-	48	-
20 Costa i Depuradora Palma	206	12	-	-	-	-	-	13	-	-	-	-	-	-
21 Port de Palma	1517	5	-	-	-	-	-	-	-	-	-	-	-	-
22 Son Ripoll	195	1	-	-	-	-	-	-	-	-	-	-	-	-
23 Golfs Son Muntaner/Quint/Vida	384	14	-	-	-	-	4	71	-	3	-	-	1	-
24 Marina de Magalluf	65	9	-	-	-	-	13	10	-	-	-	-	-	-
25 Sta Ponça/ponent golfs i torrent	825	18	-	-	3	-	29	243	-	29	-	-	32	-
26 Port d'Andratx i es Saluet	104	6	-	-	-	-	-	53	-	-	-	-	-	-
27 Torrents i port de Sòller	68	6	-	-	-	-	-	45	-	-	-	-	-	-
28 Embas. de Cúber i Gorg Blau	29	2	-	-	-	-	-	4	-	-	-	-	-	-
29 Bassa de Selva	292	5	-	-	-	-	-	3	-	-	-	-	-	-
30 Depuradora Binissalem	510	13	-	-	-	-	7	23	-	56	-	-	37	-
31 Basses de Son Nuviet	459	7	-	-	-	-	-	-	-	-	-	-	-	-
32 Bassa de reg d'Ariany	78	7	-	-	-	-	-	9	-	6	-	-	8	-
33 Basses de Son Navata	803	14	-	-	-	-	3	285	-	58	-	-	12	-
34 Depuradora de Porreres	247	4	-	-	-	-	-	4	-	-	-	-	-	-
Total Mallorca	22078	69	4	483	192	519	1517	2760	53	1915	121	19	236	2
01 S'Albufera des Grau	2570	27	-	-	35	69	21	267	12	199	7	-	384	6
02 Port de Maó i torrent San Joan	279	8	-	-	-	-	-	-	-	-	-	-	-	-
03 Prat de son Bou	237	18	-	-	8	6	95	94	1	5	-	-	-	-
04 Cala Galdana	21	6	-	-	-	-	-	9	-	-	-	-	-	-
05 Son Saura del Sud	9	6	-	-	-	-	-	-	-	-	-	-	-	-
06 Sant Sebastià	0	0	-	-	-	-	-	-	-	-	-	-	-	-
07 Lluriac i Tirant	501	18	-	-	4	85	24	43	2	48	-	-	-	-
08 Salines Velles de Fornells	40	11	-	8	-	-	-	-	-	-	-	-	-	-
09 Salines de la Concepció	30	9	-	2	-	-	-	-	-	-	-	-	-	-
10 Son Saura del Nord	758	13	-	-	39	63	-	11	-	168	17	-	-	-
11 Salines d'Addaia	198	19	-	19	-	-	5	62	-	4	-	-	-	-
12 Bassa de Morella	60	5	-	-	-	-	-	12	-	16	-	-	25	-
13 Bassa de Binissuès	9	1	-	-	-	-	-	-	-	-	-	-	-	-
14 Binillubet	31	1	-	-	-	-	-	-	-	-	-	-	-	-
15 Sa Muntanyeta	43	2	-	-	-	-	-	-	-	-	-	-	-	-
Total Menorca	4786	45	0	29	86	223	145	498	15	440	24	0	409	6
01 Salines Es Codolar	810	27	-	56	-	-	-	8	-	-	-	-	-	-
02 Salines Es Cavallet	129	15	-	17	-	-	-	-	-	-	-	-	-	-
03 Salines Sal Rossa	95	16	-	2	-	-	12	-	-	-	-	-	-	-
04 Bassa de sa Rota	38	5	-	-	-	-	1	-	-	-	-	-	1	-
05 Riu de Santa Eulària	21	7	-	-	-	-	-	5	-	-	-	-	-	-
06 Golf Roca Llisa	90	7	-	-	-	-	6	4	-	4	-	-	-	-
07 Pedrera ses Planes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
08 Ses Feixes	68	8	-	-	-	-	2	5	-	-	-	-	-	-
09 Prat de Vila	17	1	-	-	-	-	-	-	-	-	-	-	-	-
10 Prat de St Jordi	67	1	-	-	-	-	-	-	-	-	-	-	-	-
Total Eivissa	1335	36	0	75	0	0	21	22	0	4	0	0	1	0
01 Estany Pudent i Sal. den Ferrer	735	14	-	9	-	-	-	5	-	-	-	-	-	-
02 Salines de Marroig	73	8	-	17	-	-	-	-	-	-	-	-	-	-
03 Estany des Peix i ses Bassetes	23	12	-	1	-	-	-	-	-	-	-	-	-	-
04 Punta Gavina	22	1	-	-	-	-	-	-	-	-	-	-	-	-
05 S'Espalmador	10	6	-	-	-	-	-	-	-	-	-	-	-	-
Total Formentera	863	20	0	27	0	0	0	5	0	0	0	0	0	0
Total Illes	29062	73	4	614	278	742	1638	3285	68	2359	145	19	646	8

Table 1 (1/6). Waterfowl results by localities. January 2018. Estimates with (*).
 Ansans: *Anser anser*; Tadtad: *Tadorna tadorna*; Anapen: *Anas penelope*; Anastr: *Anas strepera*; Anacre: *Anas crecca*; Anapla: *Anas platyrhynchos*; Anaacu: *Anas acuta*; Anacly: *Anas clypeata*; Netruf: *Netta rufina*; Marang: *Marmaronetta angustirostris*; Aytfer: *Aythya ferina*; Aytful: *Aythya fuligula*.

Mapa Zona	Total Zona	Espècies	AytNyr	MerSer	TacRuf	PodCri	PodNig	PhaCar	BotSte	IxoMin	NycNyc	Bubibi	EgrGar	EgrAlb
01 S'Albufera	8870	57	-	-	50*	3	2	208	1	25	50	304	76	10
02 Es Salobrar	1214	30	-	-	-	-	-	3	-	-	-	-	2	2
03 L'Albufereta	2670	38	-	-	4	-	1	26	-	-	42	74	80	9
04 Prat d'Alcudia / Estany Ponts	345	11	-	-	4	-	1	-	-	-	-	-	-	-
05 Costa/torrent son Real/son Bauló	330	19	-	1	5	-	-	16	-	-	-	-	5	-
06 Torrent de na Borges	37	5	-	-	3	-	-	4	-	-	-	-	-	-
07 Torrent i depuradora d'Artà	72	8	-	-	4	-	-	-	-	-	-	1	-	-
08 Bassa de Son Jordi	21	4	-	-	5	-	2	-	-	-	-	-	-	-
09 Torrent i golf de Canyamel	33	6	-	-	2	-	-	3	-	-	-	-	-	-
10 Porto Colom i ports de Llevant	30	3	-	-	-	-	-	-	-	-	-	-	2	-
11 Parc Natural de Mondragó	33	7	-	-	3	-	-	1	-	-	-	-	1	-
12 Es Llombards	42	1	-	-	-	-	-	-	-	-	-	42	-	-
13 Estanys sa Vall i costa Sud	538	22	-	-	-	-	1	2	-	-	-	-	2	-
14 Illots de na Llargà i na Cabots	785	1	-	-	-	-	-	-	-	-	-	-	-	-
15 Estanys de sa Colònia	39	6	-	-	-	-	-	-	-	-	-	-	-	-
16 Eddar Sa Ràpita i Sa vinyola	127	6	-	-	11	-	-	-	-	-	-	-	-	-
17 Golfs Son Gual i Puntiró	130	6	-	-	1	-	-	-	-	-	-	-	3	-
18 Prat de Sant Jordi	716	9	-	-	-	-	-	-	-	-	-	553	-	-
19 Bassa de can Guidet	264	12	-	-	7	-	30	-	-	-	-	-	-	-
20 Costa i Depuradora Palma	206	12	-	-	-	-	-	14	-	-	-	-	2	-
21 Port de Palma	1517	5	-	-	-	-	-	15	-	-	-	-	-	-
22 Son Ripoll	195	1	-	-	-	-	-	-	-	-	-	195	-	-
23 Golfs Son Muntaner/Quint/Vida	384	14	-	-	29	-	-	1	-	-	-	12	-	-
24 Marina de Magalluf	65	9	-	-	5	-	-	-	-	-	-	-	-	-
25 Sta Ponça/ponent golfs i torrent	825	18	2	-	43	3	-	5	-	2	-	5	2	-
26 Port d'Andràx i es Saluet	104	6	-	-	-	-	-	5	-	-	-	-	-	-
27 Torrents i port de Sóller	68	6	-	-	-	-	-	-	-	-	-	1	1	-
28 Embas. de Cúber i Gorg Blau	29	2	-	-	-	-	-	25	-	-	-	-	-	-
29 Bassa de Selva	292	5	-	-	2	-	-	-	-	-	-	283	-	-
30 Depuradora Binissalem	510	13	2	-	8	-	-	3	-	-	-	333	1	-
31 Basses de Son Nuviet	459	7	-	-	3	-	-	2	-	-	1	238	-	-
32 Bassa de reg d'Ariany	78	7	-	-	2	-	-	-	-	-	-	45	-	-
33 Basses de Son Navata	803	14	-	-	12	-	-	-	-	-	5	250	4	-
34 Depuradora de Porreres	247	4	-	-	-	-	-	-	-	-	-	232	-	-
Total Mallorca	22078	69	4	1	203	6	37	333	1	27	98	2568	181	21
01 S'Albufera des Grau	2570	27	-	-	119	22	59	173	-	-	-	-	37	6
02 Port de Maó i torrent San Joan	279	8	-	-	-	-	-	-	-	-	-	72	9	-
03 Prat de son Bou	237	18	-	-	1	-	-	2	-	-	-	3	2	2
04 Cala Galdana	21	6	-	-	-	-	-	1	-	-	-	-	-	-
05 Son Saura del Sud	9	6	-	-	-	-	-	-	-	-	-	-	-	-
06 Sant Sebastià	0	0	-	-	-	-	-	-	-	-	-	-	-	-
07 Lluriac i Tirant	501	18	-	-	3	-	-	7	-	-	-	3	-	-
08 Salines Velles de Fornells	40	11	-	-	-	-	-	1	-	-	-	-	3	-
09 Salines de la Concepció	30	9	-	-	-	-	-	1	-	-	-	-	1	-
10 Son Saura del Nord	758	13	-	-	1	1	-	6	-	-	-	-	1	1
11 Salines d'Addaia	198	19	-	-	-	2	5	2	-	-	-	-	3	1
12 Bassa de Morella	60	5	-	-	-	-	1	-	-	-	-	-	-	-
13 Bassa de Binissuès	9	1	-	-	-	-	-	-	-	-	-	9	-	-
14 Binillubet	31	1	-	-	-	-	-	-	-	-	-	31	-	-
15 Sa Muntanyeta	43	2	-	-	-	-	-	2	-	-	-	41	-	-
Total Menorca	4786	45	0	0	124	25	65	195	0	0	0	159	56	10
01 Salines Es Codolar	810	27	-	-	-	-	28	84	-	-	-	1	17	4
02 Salines Es Cavallet	129	15	-	-	-	-	-	-	-	-	-	1	2	-
03 Salines Sal Rossa	95	16	-	-	-	-	-	2	-	-	-	-	3	-
04 Bassa de sa Rota	38	5	-	-	27	-	8	-	-	-	-	-	-	-
05 Riu de Santa Eulària	21	7	-	-	-	-	-	-	-	-	-	2	1	-
06 Golf Roca Llisa	90	7	-	-	14	-	-	-	-	-	-	-	-	-
07 Pedrera ses Planes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
08 Ses Feixes	68	8	-	-	-	-	-	3	-	-	-	15	7	-
09 Prat de Vila	17	1	-	-	-	-	-	-	-	-	-	17	-	-
10 Prat de St Jordi	67	1	-	-	-	-	-	-	-	-	-	67	-	-
Total Eivissa	1335	36	0	0	41	0	36	89	0	0	0	103	30	4
01 Estany Pudent i Sal. den Ferrer	735	14	-	-	-	-	599	7	-	-	-	-	4	-
02 Salines de Marroig	73	8	-	-	-	-	-	-	-	-	-	-	1	-
03 Estany des Peix i ses Bassetes	23	12	-	-	-	-	2	3	-	-	-	1	2	-
04 Punta Gavina	22	1	-	-	-	-	-	-	-	-	-	-	-	-
05 S'Espalmador	10	6	-	-	-	-	-	-	-	-	-	-	1	-
Total Formentera	863	20	0	0	0	0	601	10	0	0	0	1	8	0
Total Illes	29062	73	4	1	368	31	739	627	1	27	98	2831	275	35

Table 1 (2/6). Waterfowl results by localities. January 2018. Estimates with (*).
 AytNyr: *Aythya nyroca*; MerSer: *Mergus serrator*; TacRuf: *Tachybaptur ruficollis*;
 PodCri: *Podiceps cristatus*; PodNig: *Podiceps nigricollis*; PhaCar: *Phalacrocorax carbo*;
 BotSte: *Botaurus stellaris*; IxoMin: *Ixobrychus minutus*;
 NycNyc: *Nycticorax nycticorax*; Bubibi: *Bubulcus ibis*; EgrGar: *Egretta garzetta*;
 EgrAlb: *Egretta alba*

Mapa Zona	Total Zona	Espècies	ArcCin	Gar/Gul	GruGru	CicNig	CicCic	PleFal	PlaLeu	PhoRos	CirAer	CirCya	PanHal	RalAgu
01 S'Albufera	8870	57	23	-	16	-	-	1	-	54	91	2	3	250*
02 Es Salobrar	1214	30	18	-	-	-	-	-	2	65	67	-	-	1
03 L'Albufereta	2670	38	14	-	-	-	-	-	-	83	3	-	-	50*
04 Prat d'Alcudia / Estany Ponts	345	11	-	-	-	-	-	-	-	-	-	-	-	-
05 Costa/torrent son Real/son Bauló	330	19	1	-	-	-	-	-	-	-	-	-	-	-
06 Torrent de na Borges	37	5	-	-	-	-	-	-	-	-	-	-	-	-
07 Torrent i depuradora d'Artà	72	8	-	-	-	-	-	-	-	-	-	-	-	-
08 Bassa de Son Jordi	21	4	-	-	-	-	-	-	-	-	-	-	-	-
09 Torrent i golf de Canyamel	33	6	-	-	-	-	-	-	-	-	-	-	-	1
10 Porto Colom i ports de Llevant	30	3	-	-	-	-	-	-	-	-	-	-	-	-
11 Parc Natural de Mondragó	33	7	-	-	-	-	-	-	-	-	-	-	-	-
12 Es Llombards	42	1	-	-	-	-	-	-	-	-	-	-	-	-
13 Estanys sa Vall i costa Sud	538	22	1	-	-	-	-	-	-	152	2	-	3	-
14 Illots de na Llargà i na Cabots	785	1	-	-	-	-	-	-	-	-	-	-	-	-
15 Estanys de sa Colònia	39	6	-	-	-	-	-	-	-	-	-	-	-	-
16 Eddar Sa Ràpita i Sa vinyola	127	6	-	-	-	-	-	-	-	-	-	-	-	-
17 Golfs Son Gual i Puntiró	130	6	-	-	-	-	-	-	-	-	-	-	-	-
18 Prat de Sant Jordi	716	9	-	-	-	-	-	-	-	-	-	-	-	1
19 Bassa de can Guidet	264	12	1	-	-	-	-	-	-	1	-	-	-	-
20 Costa i Depuradora Palma	206	12	4	-	-	-	-	-	-	-	-	-	-	-
21 Port de Palma	1517	5	1	-	-	-	-	-	-	-	-	-	1	-
22 Son Ripoll	195	1	-	-	-	-	-	-	-	-	-	-	-	-
23 Golfs Son Muntaner/Quint/Vida	384	14	1	-	-	-	-	-	-	-	-	-	-	-
24 Marina de Magalluf	65	9	1	-	-	-	-	-	-	-	-	-	-	-
25 Sta Ponça/ponent golfs i torrent	825	18	5	-	-	-	-	-	-	-	-	-	-	-
26 Port d'Andratx i es Saluet	104	6	-	-	-	-	-	-	-	-	-	-	-	-
27 Torrents i port de Sòller	68	6	-	-	-	-	-	-	-	-	-	-	-	-
28 Embas. de Cúber i Gorg Blau	29	2	-	-	-	-	-	-	-	-	-	-	-	-
29 Bassa de Selva	292	5	-	-	-	-	-	-	-	-	-	-	-	-
30 Depuradora Binissalem	510	13	2	-	-	-	-	-	-	-	-	-	-	-
31 Basses de Son Nuviet	459	7	-	-	-	-	-	-	-	-	-	-	-	-
32 Bassa de reg d'Ariany	78	7	-	-	-	-	-	-	-	-	-	-	-	-
33 Basses de Son Navata	803	14	1	-	-	-	-	-	-	-	-	-	-	-
34 Depuradora de Porreres	247	4	-	-	-	-	-	-	-	-	-	-	-	-
Total Mallorca	22078	69	73	0	16	0	0	1	2	355	163	2	7	303
01 S'Albufera des Grau	2570	27	6	-	-	1	-	-	-	6	2	-	1	2
02 Port de Maó i torrent San Joan	279	8	4	-	-	-	-	-	-	-	-	-	-	-
03 Prat de son Bou	237	18	2	-	-	-	-	-	-	-	3	-	-	1
04 Cala Galdana	21	6	1	-	-	-	-	-	-	-	-	-	-	1
05 Son Saura del Sud	9	6	-	-	-	-	-	-	-	-	2	-	1	-
06 Sant Sebastià	0	0	-	-	-	-	-	-	-	-	-	-	-	-
07 Lluriac i Tirant	501	18	1	-	-	-	1	-	-	-	1	1	-	-
08 Salines Velles de Fornells	40	11	1	-	-	-	-	-	-	-	-	-	-	-
09 Salines de la Concepció	30	9	-	-	-	-	-	-	-	8	-	-	-	-
10 Son Saura del Nord	758	13	-	-	-	-	-	-	-	-	-	-	-	1
11 Salines d'Addaia	198	19	5	-	-	-	-	-	-	3	-	-	-	-
12 Bassa de Morella	60	5	-	-	-	-	-	-	-	-	-	-	-	-
13 Bassa de Binissuès	9	1	-	-	-	-	-	-	-	-	-	-	-	-
14 Binillubet	31	1	-	-	-	-	-	-	-	-	-	-	-	-
15 Sa Muntanyeta	43	2	-	-	-	-	-	-	-	-	-	-	-	-
Total Menorca	4786	45	20	0	0	1	1	0	0	17	8	1	2	5
01 Salines Es Codolar	810	27	4	1	-	-	-	-	-	318	2	-	2	-
02 Salines Es Cavallet	129	15	2	-	-	-	-	-	-	45	-	-	1	-
03 Salines Sal Rossa	95	16	9	-	-	-	-	-	-	12	1	-	-	-
04 Bassa de sa Rota	38	5	-	-	-	-	-	-	-	-	-	-	-	-
05 Riu de Santa Eulària	21	7	1	-	-	-	-	-	-	-	-	-	-	-
06 Golf Roca Llisa	90	7	1	-	-	-	-	-	-	-	-	-	-	-
07 Pedrera ses Planes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
08 Ses Feixes	68	8	5	-	-	-	-	-	-	-	-	-	-	-
09 Prat de Vila	17	1	-	-	-	-	-	-	-	-	-	-	-	-
10 Prat de St Jordi	67	1	-	-	-	-	-	-	-	-	-	-	-	-
Total Eivissa	1335	36	22	1	0	0	0	0	0	375	3	0	3	0
01 Estany Pudent i Sal. den Ferrer	735	14	1	-	-	-	-	-	-	51	-	-	-	-
02 Salines de Marroig	73	8	-	-	-	-	-	-	-	1	-	-	-	-
03 Estany des Peix i ses Bassetes	23	12	1	-	-	-	-	-	-	4	-	-	-	-
04 Punta Gavina	22	1	-	-	-	-	-	-	-	-	-	-	-	-
05 S'Espalmador	10	6	1	-	-	-	-	-	-	-	-	-	-	-
Total Formentera	863	20	3	0	0	0	0	0	0	56	0	0	0	0
Total Illes	29062	73	118	1	16	1	1	1	2	803	174	3	12	308

Table 1 (3/6). Waterfowl and wader results by localities. January 2018. Estimates with (*).

ArcCin: *Ardea cinerea*; Gar/Gul: *Egretta garzetta* x *Egretta gularis*; GruGru: *Grus grus*; CicNig: *Ciconia nigra*; CicCic: *Ciconia ciconia*; PleFal: *Plegadis falcinellus*; PlaLeu: *Platalea leucorodia*; PhoRos: *Phoenicopterus roseus*; CirAer: *Circus aeruginosus*; CirCya: *Circus cyaneus*; PanHal: *Pandion haliaetus*; RalAgu: *Rallus aquaticus*.

Mapa	Zona	Total Zona	Espècies	GalChl	PorPor	FulAtr	FulCri	HimHim	BurOec	RecAvo	ChaDub	ChaHia	ChaAle	Chamor	PluApr
01	S'Albufera	8870	57	300*	150*	472	7	25	26	7	2	-	63	-	-
02	Es Salobrar	1214	30	-	-	-	-	7	-	15	-	2	233	1	18
03	L'Albufereta	2670	38	75*	15*	660	-	3	-	-	-	1	57	-	-
04	Prat d'Alcudia / Estany Ponts	345	11	-	-	166	-	-	-	-	-	-	-	-	-
05	Costa/torrent son Real/son Bauló	330	19	2	-	49	-	-	-	-	-	1	166	-	-
06	Torrent de na Borges	37	5	2	-	24	-	-	-	-	-	-	-	-	-
07	Torrent i depuradora d'Artà	72	8	54	-	2	-	6	-	-	-	-	-	-	-
08	Bassa de Son Jordi	21	4	-	-	1	-	-	-	-	-	-	-	-	-
09	Torrent i golf de Canyamel	33	6	10	-	16	-	-	-	-	-	-	-	-	-
10	Porto Colom i ports de Llevant	30	3	-	-	-	-	-	-	-	-	-	-	-	-
11	Parc Natural de Mondragó	33	7	5	-	10	-	-	-	-	-	-	-	-	-
12	Es Llombards	42	1	-	-	-	-	-	-	-	-	-	-	-	-
13	Estanys sa Vall i costa Sud	538	22	-	-	-	-	25	-	3	-	1	9	-	-
14	Illots de na Llarga i na Cabots	785	1	-	-	-	-	-	-	-	-	-	-	-	785
15	Estanys de sa Colònia	39	6	-	-	-	-	4	-	-	-	-	17	-	-
16	Eddar Sa Ràpita i Sa vinyola	127	6	7	-	14	-	-	-	-	-	-	-	-	-
17	Golfs Son Gual i Puntiró	130	6	-	-	31	-	-	-	-	-	-	-	-	-
18	Prat de Sant Jordi	716	9	31	-	1	-	10	-	-	-	-	-	-	-
19	Bassa de can Guidet	264	12	-	-	18	-	-	-	-	-	-	-	-	-
20	Costa i Depuradora Palma	206	12	8	-	-	-	-	-	-	-	-	7	-	-
21	Port de Palma	1517	5	-	-	-	-	-	-	-	-	-	-	-	-
22	Son Ripoll	195	1	-	-	-	-	-	-	-	-	-	-	-	-
23	Golfs Son Muntaner/Quint/Vida	384	14	28	5	58	-	-	-	-	-	-	-	-	-
24	Marina de Magalluf	65	9	3	2	6	-	-	-	-	-	-	-	-	-
25	Sta Ponça/ponent golfs i torrent	825	18	44	3	250	-	-	-	-	-	-	-	-	-
26	Port d'Andratx i es Saluet	104	6	2	-	-	-	-	-	-	-	-	-	-	-
27	Torrents i port de Sóller	68	6	19	-	-	-	-	-	-	-	-	-	-	-
28	Embas. de Cúber i Gorg Blau	29	2	-	-	-	-	-	-	-	-	-	-	-	-
29	Bassa de Selva	292	5	2	-	2	-	-	-	-	-	-	-	-	-
30	Depuradora Binissalem	510	13	26	1	11	-	-	-	-	-	-	-	-	-
31	Basses de Son Nuviet	459	7	4	-	12	-	-	-	-	-	-	-	-	-
32	Bassa de reg d'Ariany	78	7	2	-	6	-	-	-	-	-	-	-	-	-
33	Basses de Son Navata	803	14	4	3	6	-	-	-	-	-	-	-	-	-
34	Depuradora de Porreres	247	4	9	-	-	-	-	-	-	-	-	-	-	-
Total Mallorca		22078	69	637	179	1815	7	80	26	25	2	5	552	1	803
01	S'Albufera des Grau	2570	27	4	-	1104	-	-	-	-	-	-	-	-	-
02	Port de Maó i torrent San Joan	279	8	4	-	-	-	-	-	-	-	-	-	-	-
03	Prat de son Bou	237	18	1	-	9	-	-	-	-	-	-	-	-	-
04	Cala Galdana	21	6	7	-	2	-	-	-	-	-	-	-	-	-
05	Son Saura del Sud	9	6	-	-	-	-	-	-	-	-	-	-	-	-
06	Sant Sebastià	0	0	-	-	-	-	-	-	-	-	-	-	-	-
07	Lluriac i Tirant	501	18	3	-	215	-	-	-	-	-	-	-	-	-
08	Salines Velles de Fornells	40	11	-	-	-	-	-	-	-	-	2	3	-	-
09	Salines de la Concepció	30	9	-	-	-	-	-	-	-	-	6	-	-	-
10	Son Saura del Nord	758	13	-	5	444	-	-	-	-	-	-	-	-	-
11	Salines d'Addaia	198	19	-	-	58	-	1	-	1	-	-	-	-	-
12	Bassa de Morella	60	5	-	-	6	-	-	-	-	-	-	-	-	-
13	Bassa de Binissués	9	1	-	-	-	-	-	-	-	-	-	-	-	-
14	Binillubet	31	1	-	-	-	-	-	-	-	-	-	-	-	-
15	Sa Muntanyeta	43	2	-	-	-	-	-	-	-	-	-	-	-	-
Total Menorca		4786	45	19	5	1838	0	1	0	1	0	8	3	0	0
01	Salines Es Codolar	810	27	-	-	-	-	5	-	2	-	7	81	-	82
02	Salines Es Cavallet	129	15	-	-	-	-	2	-	-	-	4	28	-	-
03	Salines Sal Rossa	95	16	1	-	-	-	-	-	-	-	1	2	-	-
04	Bassa de sa Rota	38	5	-	-	1	-	-	-	-	-	-	-	-	-
05	Riu de Santa Eulària	21	7	10	-	-	-	-	-	-	-	-	-	-	-
06	Golf Roca Llisa	90	7	41	-	20	-	-	-	-	-	-	-	-	-
07	Pedrera ses Planes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
08	Ses Feixes	68	8	2	-	-	-	-	-	-	-	-	-	-	-
09	Prat de Vila	17	1	-	-	-	-	-	-	-	-	-	-	-	-
10	Prat de St Jordi	67	1	-	-	-	-	-	-	-	-	-	-	-	-
Total Eivissa		1335	36	54	0	21	0	7	0	2	0	12	111	0	82
01	Estany Pudent i Sal. den Ferrer	735	14	-	-	-	-	3	-	-	-	-	43	-	-
02	Salines de Marroig	73	8	-	-	-	-	-	-	-	-	-	49	-	-
03	Estany des Peix i ses Bassetes	23	12	-	-	-	-	-	-	-	-	-	2	-	-
04	Punta Gavina	22	1	-	-	-	-	-	-	-	-	-	-	-	22
05	S'Espalmador	10	6	-	-	-	-	-	-	-	-	2	2	-	-
Total Formentera		863	20	0	0	0	0	3	0	0	0	2	96	0	22
Total Illes		29062	73	710	184	3674	7	91	26	28	2	27	762	1	907

Table 1 (4/6). Waterfowl and wader results by localities. January 2018. Estimates with (*).

Galchl: *Gallinula chloropus*; Porpor: *Porphyrio porphyrio*; Fulatr: *Fulica atra*;
 Fulcri: *Fulica cristata*; Himhim: *Himantopus himantopus*; Buroed: *Burhinus oedicnemus*;
 Recavo: *Recurvirostra avocetta*; Chadub: *Charadrius dubius*; Chahia: *Charadrius hiaticula*;
 Chaale: *Charadrius alexandrinus*; Charmor: *Charadrius morinellus*;
 Pluapr: *Pluvialis apricaria*.

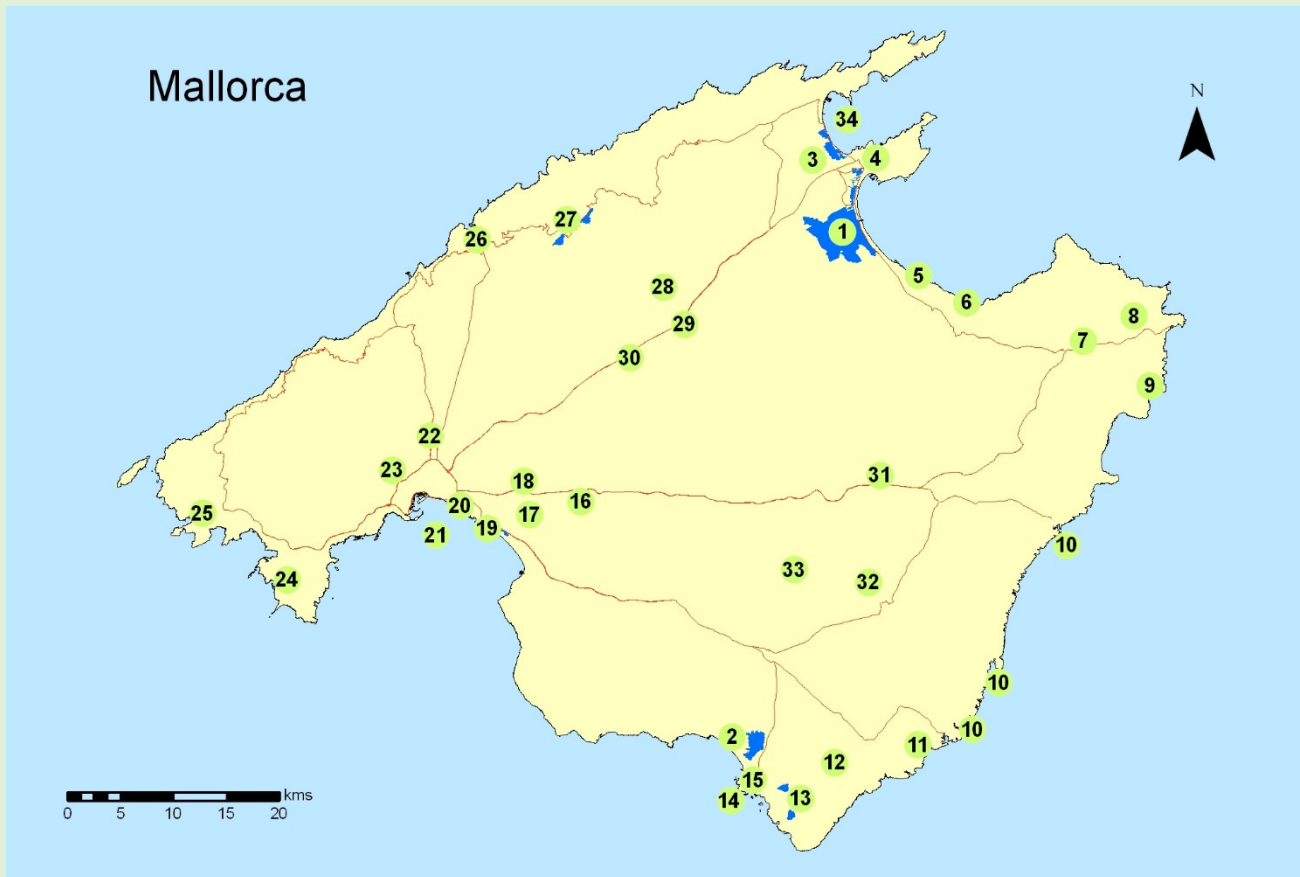
Mapa Zona	Total Zona	Espècies	PluSqu	VanVan	CalMin	CalTem	CalAlp	CalAlb	PhyPug	GalGal	LymMin	NumArq	LimLim	TriEry
01 S'Albufera	8870	57	-	1680	5	2	9	-	-	250*	2	-	-	36
02 Es Salobrar	1214	30	6	84	55	-	34	-	1	1	-	18	-	2
03 L'Albufereta	2670	38	1	290	-	-	-	-	-	50*	-	-	-	1
04 Prat d'Alcudia / Estany Ponts	345	11	-	-	-	-	-	-	-	-	-	-	-	-
05 Costa/torrent son Real/son Bauló	330	19	-	-	-	-	2	-	-	-	-	-	-	-
06 Torrent de na Borges	37	5	-	-	-	-	-	-	-	-	-	-	-	-
07 Torrent i depuradora d'Artà	72	8	-	-	-	-	-	-	2	-	-	-	-	-
08 Bassa de Son Jordi	21	4	-	-	-	-	-	-	-	-	-	-	-	-
09 Torrent i golf de Canyamel	33	6	-	-	-	-	-	-	-	-	-	-	-	-
10 Porto Colom i ports de Llevant	30	3	-	-	-	-	-	-	-	-	-	-	-	-
11 Parc Natural de Mondragó	33	7	-	-	-	-	-	-	-	-	-	-	-	-
12 Es Llombards	42	1	-	-	-	-	-	-	-	-	-	-	-	-
13 Estanys sa Vall i costa Sud	538	22	-	9	-	-	-	-	-	-	-	-	-	-
14 Illots de na Llarga i na Cabots	785	1	-	-	-	-	-	-	-	-	-	-	-	-
15 Estanys de sa Colònia	39	6	-	-	-	-	2	-	-	-	-	-	-	-
16 Eddar Sa Ràpita i Sa vinyola	127	6	-	-	-	-	-	-	-	-	-	-	-	-
17 Golfs Son Gual i Puntiró	130	6	-	-	-	-	-	-	-	-	-	-	-	-
18 Prat de Sant Jordi	716	9	-	110	-	-	-	-	-	4	-	-	-	-
19 Bassa de can Guidet	264	12	-	-	-	-	-	-	-	-	-	-	-	-
20 Costa i Depuradora Palma	206	12	-	-	-	-	-	1	-	-	-	-	-	-
21 Port de Palma	1517	5	-	-	-	-	-	-	-	-	-	-	-	-
22 Son Ripoll	195	1	-	-	-	-	-	-	-	-	-	-	-	-
23 Golfs Son Muntaner/Quint/Vida	384	14	-	-	-	-	-	-	-	-	-	-	-	-
24 Marina de Magalluf	65	9	-	-	-	-	-	-	-	15	-	-	-	-
25 Sta Ponça/ponent golfs i torrent	825	18	-	-	-	-	-	-	-	-	-	-	-	-
26 Port d'Andratx i es Saluet	104	6	-	-	-	-	-	-	-	-	-	-	-	-
27 Torrents i port de Sóller	68	6	-	-	-	-	-	-	-	-	-	-	-	-
28 Embas. de Cúber i Gorg Blau	29	2	-	-	-	-	-	-	-	-	-	-	-	-
29 Bassa de Selva	292	5	-	-	-	-	-	-	-	-	-	-	-	-
30 Depuradora Binissalem	510	13	-	-	-	-	-	-	-	-	-	-	-	-
31 Basses de Son Nuviet	459	7	-	199	-	-	-	-	-	-	-	-	-	-
32 Bassa de reg d'Ariany	78	7	-	-	-	-	-	-	-	-	-	-	-	-
33 Basses de Son Navata	803	14	-	140	-	-	-	-	-	2	-	-	-	-
34 Depuradora de Porreres	247	4	-	-	-	-	-	-	-	2	-	-	-	-
Total Mallorca	22078	69	7	2512	60	2	47	1	1	324	2	18	0	39
01 S'Albufera des Grau	2570	27	-	3	-	-	-	-	-	-	-	-	-	-
02 Port de Maó i torrent San Joan	279	8	-	-	-	-	-	-	-	-	-	-	-	-
03 Prat de son Bou	237	18	-	-	-	-	-	-	-	1	-	-	1	-
04 Cala Galdana	21	6	-	-	-	-	-	-	-	-	-	-	-	-
05 Son Saura del Sud	9	6	-	-	-	-	-	-	-	3	-	-	-	-
06 Sant Sebastià	0	0	-	-	-	-	-	-	-	-	-	-	-	-
07 Llurac i Tirant	501	18	-	19	-	-	-	-	-	-	-	-	-	-
08 Salines Velles de Fornells	40	11	-	-	1	-	9	-	-	-	-	-	-	-
09 Salines de la Concepció	30	9	-	-	2	-	-	-	-	-	-	-	-	-
10 Son Saura del Nord	758	13	-	-	-	-	-	-	-	-	-	-	-	-
11 Salines d'Addaia	198	19	-	-	-	-	3	-	-	-	-	-	-	-
12 Bassa de Morella	60	5	-	-	-	-	-	-	-	-	-	-	-	-
13 Bassa de Binissuès	9	1	-	-	-	-	-	-	-	-	-	-	-	-
14 Binillubet	31	1	-	-	-	-	-	-	-	-	-	-	-	-
15 Sa Muntanyeta	43	2	-	-	-	-	-	-	-	-	-	-	-	-
Total Menorca	4786	45	0	22	3	-	12	0	0	4	0	0	1	0
01 Salines Es Codolar	810	27	2	-	8	-	10	-	-	-	-	-	-	-
02 Salines Es Cavallet	129	15	-	-	-	-	1	-	-	-	-	-	-	-
03 Salines Sal Rossa	95	16	-	3	2	-	6	-	-	-	-	-	-	-
04 Bassa de sa Rota	38	5	-	-	-	-	-	-	-	-	-	-	-	-
05 Riu de Santa Eulària	21	7	-	-	-	-	-	-	-	-	-	-	-	-
06 Golf Roca Llisa	90	7	-	-	-	-	-	-	-	-	-	-	-	-
07 Pedrera ses Planes	0	0	-	-	-	-	-	-	-	-	-	-	-	-
08 Ses Feixes	68	8	-	29	-	-	-	-	-	-	-	-	-	-
09 Prat de Vila	17	1	-	-	-	-	-	-	-	-	-	-	-	-
10 Prat de St Jordi	67	1	-	-	-	-	-	-	-	-	-	-	-	-
Total Eivissa	1335	36	2	32	10	0	17	0	0	0	0	0	0	0
01 Estany Pudent i Sal. den Ferrer	735	14	-	-	3	-	2	-	-	-	-	-	-	-
02 Salines de Marroig	73	8	-	-	2	-	-	1	-	-	-	-	-	-
03 Estany des Peix i ses Bassetes	23	12	1	-	-	-	-	-	-	-	-	-	-	-
04 Punta Gavina	22	1	-	-	-	-	-	-	-	-	-	-	-	-
05 S'Espalmador	10	6	1	-	-	-	-	-	-	-	-	-	-	-
Total Formentera	863	20	2	0	5	0	2	1	0	0	0	0	0	0
Total Illes	29062	73	11	2566	78	2	78	2	1	328	2	18	1	39

Table 1 (5/6). Wader results by localities. January 2018. Estimates with (*).

Plusqu: *Pluvialis squatarola*; Vanvan: *Vanelus vanelus*; Calmin: *Calidris minuta*; Caltem: *Calidris temminckii*; Calalp: *Calidris alpina*; Calalb: *Calidris alba*; Phipug: *Philomachus pugnax*; Galgal: *Gallinago gallinago*; Lymmin: *Lymnocyptes minimus*; Numarq: *Numenius arquata*; Limlim: *Limosa limosa*; Triery: *Tringa erythropus*.

Mapa Zona	Total Zona	Espècies	TriTot	TriNeb	TriOch	TriGla	ActHyp	AreInt	LarRid	LarAud	LarFus	LarMic	SteSan	AlcAtt
01 S'Albufera	8870	57	3	7	6	2	2		95	5	1	4	1	25*
02 Es Salobrar	1214	30	21	6			1		4			35		
03 L'Albufereta	2670	38		5	1		2		75	1		65	5	5*
04 Prat d'Alcudia / Estany Ponts	345	11							42	2				
05 Costa/torrent son Real/son Bauló	330	19					2	15		2		1	7	
06 Torrent de na Borges	37	5												
07 Torrent i depuradora d'Artà	72	8					1							
08 Bassa de Son Jordi	21	4												
09 Torrent i golf de Canyamel	33	6												1
10 Porto Colom i ports de Llevant	30	3								3		25		
11 Parc Natural de Mondragó	33	7					1							
12 Es Llombards	42	1												
13 Estanys sa Vall i costa Sud	538	22					1	20		8	1	90	2	1
14 Illots de na Llarga i na Cabots	785	1												
15 Estanys de sa Colònia	39	6								6				
16 Eddar Sa Ràpita i Sa vinyola	127	6												
17 Golfs Son Gual i Puntiró	130	6												
18 Prat de Sant Jordi	716	9					1							
19 Bassa de can Guidet	264	12										71		
20 Costa i Depuradora Palma	206	12						10	92	6		13	36	
21 Port de Palma	1517	5							600			900		
22 Son Ripoll	195	1												
23 Golfs Son Muntaner/Quint/Vida	384	14									1	169		1
24 Marina de Magalluf	65	9										10		
25 Sta Ponça/ponent golfs i torrent	825	18					5					120		
26 Port d'Andratx i es Saluet	104	6								3		40		1
27 Torrents i port de Sóller	68	6					1							1
28 Embas. de Cúber i Gorg Blau	29	2												
29 Bassa de Selva	292	5												
30 Depuradora Binissalem	510	13												
31 Basses de Son Nuviet	459	7												
32 Bassa de reg d'Ariany	78	7												
33 Basses de Son Navata	803	14										20		
34 Depuradora de Porreres	247	4												
Total Mallorca	22078	69	24	18	7	2	17	45	908	36	3	1563	51	35
01 S'Albufera des Grau	2570	27		3	2							20		
02 Port de Maó i torrent San Joan	279	8							29	1		139	21	
03 Prat de son Bou	237	18												
04 Cala Galdana	21	6												
05 Son Saura del Sud	9	6		1			1					1		
06 Sant Sebastià	0	0												
07 Lluriac i Tirant	501	18		1								40		
08 Salines Velles de Fornells	40	11	1	8			3							
09 Salines de la Concepció	30	9		1			1					8		
10 Son Saura del Nord	758	13												
11 Salines d'Addaia	198	19		3	4		4					13		
12 Bassa de Morella	60	5												
13 Bassa de Binissuès	9	1												
14 Binillubet	31	1												
15 Sa Muntanyeta	43	2												
Total Menorca	4786	45	1	17	6	0	9	0	29	1	0	221	21	0
01 Salines Es Codolar	810	27	3	9	1		10		59	1			5	
02 Salines Es Cavallet	129	15	5	6			1	7	7					
03 Salines Sal Rossa	95	16			2		3		34					
04 Bassa de sa Rota	38	5												
05 Riu de Santa Eulària	21	7					1							1
06 Golf Roca Llisa	90	7												
07 Pedrera ses Planes	0	0												
08 Ses Feixes	68	8												
09 Prat de Vila	17	1												
10 Prat de St Jordi	67	1												
Total Eivissa	1335	36	8	15	3	0	15	7	100	1	0	0	5	1
01 Estany Pudent i Sal. den Ferrer	735	14					5			2				1
02 Salines de Marroig	73	8		1			1							
03 Estany des Peix i ses Bassetes	23	12		1			3			2				
04 Punta Gavina	22	1												
05 S'Espalmador	10	6					3							
Total Formentera	863	20	0	2	0	0	12	0	0	4	0	0	0	1
Total Illes	29062	73	33	52	16	2	53	52	1037	42	3	1784	77	37

Table 1 (6/6). Wader and gull results by localities. January 2017. Estimates with (*).
Tritot: *Tringa totanus*; Trineb: *Tringa nebularia*; Trioch: *Tringa ochropus*; Trigla: *Tringa glareola*; Acthyp: *Actitis hypoleucos*; Areint: *Arenaria interpres*; Larrid: *Larus ridibundus*;
Laraud: *Larus audouinii*; Larfus: *Larus fuscus*; Larmic: *Larus michahellis*;
Stesan: *Sterna sandvicensis*; Alcatt: *Alcedo atthis*.



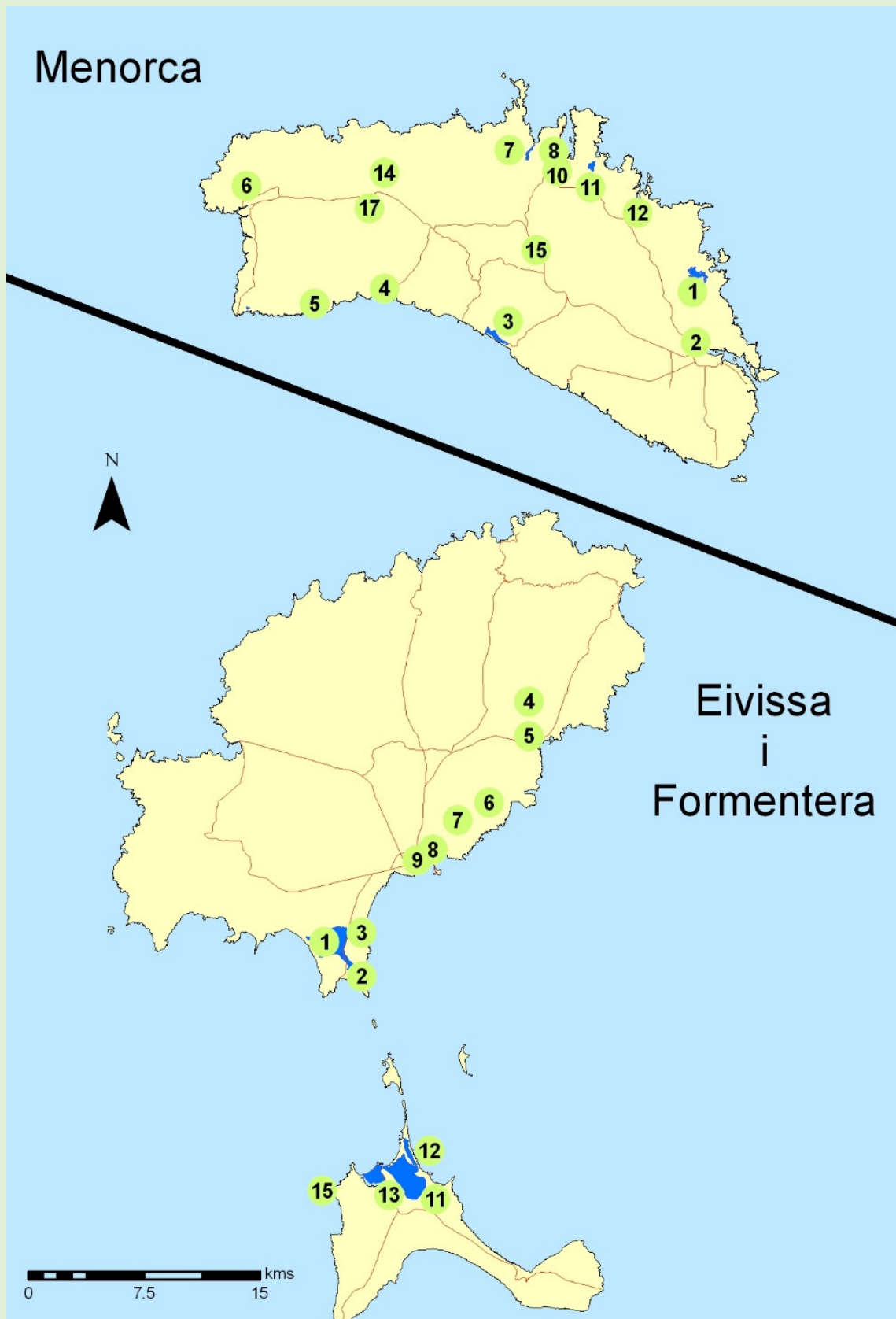
Map 1. Census localities in Mallorca. January 2018. The numbers on the map match those on table 1.

By localities

As with previous years, the locality with the highest number of birds and species was Albufera de Mallorca. 8.870 birds, 30,52 % of the bird total, of 57 different species were observed at this wetland. This number represents an increase of just 22 birds and a drop in 6 species in comparison to the previous year. The second, a long way behind, is Albufereta with 2.670 birds, 9,19 % of the total, of 38 species. Third is Albufera des Grau in Menorca, which in the 2017 count was in second place with 1.119 more birds more than this year, of 27 species. Salobrar de Campos was fourth with 1.214 birds of 30 different species, a result slightly lower than the previous year.

By species

This winter, the Common Coot *Fulica atra* was the species with the highest count, with 3.647 birds, 1.025 more than the previous year. This increment is due to the increase of this species at Albufera and Albufereta in Mallorca and Son Saura del Nord in Menorca. This contrasts with the decrease of more than 592 birds at Albufera des Grau. The Common Mallard *Anas platyrhynchos* was next with 3.285 birds, which show an important drop in comparison to the 4.429 birds counted in 2017; Cattle Egret *Bubulcus ibis* with 2.831, similar to previous years; Northern Lapwing *Vanellus vanellus* with 2.566 birds, surpassing the previous count in more than 800 birds; Northern Shoveler *Anas clypeata* 2.359, curiously the same number of birds from the



Map 2. Census localities in Menorca, Ibiza and Formentera. January 2018.
The numbers on the map match those on table 1.

previous January. Between 2000-1000 birds, Common Teal *Anas crecca* with 1.638 birds; Black-headed Gull *Larus ridibundus* with 1.037 birds, a number undoubtedly underestimated. Other species over the 100 birds were the European Golden Plover *Pluvialis apricaria* with 907 birds, Greater Flamingo *Phoenicopterus roseus* with 803 birds, Kentish Plover *Charadrius alexandrinus* with 762 birds and Great Cormorant *Phalacrocorax carbo* with 627 birds counted. The result of the Yellow-legged Gull *Larus michahellis* of 1.784 birds, can be considered an underestimate and was not taken into account due to the methodology used.

By islands

Mallorca: 33 localities were surveyed (map 1), one less than in 2016 and 68 different species were recorded, one more than the previous year. Of these, there were 19 species that were only recorded in Mallorca, albeit some of them, such as the Eurasian Stone Curlew *Burhinus oedipnemos*, Lesser Black-backed Gull *Larus fuscus* and Razorbill *Alca torda*, if they were not detected at the other islands, it was due to the methodology. A total of 22.078 birds were counted, a slightly higher number than the previous year, but clearly higher than the 2015 and 2016 results. This increase is mainly due to the higher number of water birds found at Albufera de Mallorca. The most numerous species was the Common Mallard with 2.760 birds, followed by the Cattle Egret (2.568), Lapwing (2.512), Northern Shoveler (1.915) and Common Coot. Of note is the increase of Common Coot, with 1.815 birds, almost 1.000 more than 2017 and higher than the 2015 and 2016 totals.

Menorca: 15 localities were surveyed (map 2), one of which, San Sebastià gave a negative result. included are ardeid roosts but not gull roosts, only those gulls observed during the count were included; 45 different species, the same as in 2017, were found at these localities; resulting in 4.789 birds counted, showing a decrease from the 5.926 birds of the previous count. As in previous years, the most abundant species was the Common Coot with 1.838 birds, a number similar to the result of 1.770 birds counted in January 2017. Common Coot accounts for 38,4 % of the bird total and 50 % of the Balearic total. Followed by: 498 Common Mallard *Anas platyrhynchos*, 440 Northern Shoveler *Anas clypeata*, 409 Common Pochard *Aythya ferina*, 223 Gadwall *Anas strepera* and 195 Great Cormorant *Phalacrocorax carbo*. Cattle Egret *Bubulcus ibis* have decreased markedly, with a count of 159 birds compared to 543 recorded in 2017. Whilst showing a slight increase, the drop detected in Little Grebe *Tachibaptus rufficollis* since January 2016 (358 birds) or 2015 (343 birds) (MANCHADO *et al.*, 2015), is still maintained with 198 birds counted.

Ibiza: 10 localities were surveyed (map 2), one of which, Pedrera de Ses Planes gave a negative result. A total of 36 different species observed and a total of 1.335 birds, similar to the result of January 2017; the most abundant species was the Greater Flamingo *Phoenicopterus roseus* with 375 birds, a lower number than the 525 birds counted in 2017. Followed by Kentish Plover *Charadrius alexandrinus* with 111 birds, similar to 2017, Cattle Egret *Bubulcus ibis* with 103 birds and Black-headed gull *Larus ridibundus* with 100 birds counted. The remaining species have not exceeded one hundred birds; Great Cormorant *Phalacrocorax carbo* with 89 birds, European Golden Plover *Pluvialis apricaria* with 82 birds and Common Shelduck *Tadorna tadorna* with 75 birds. Also, of note was the presence of a Western Reef Heron x Little Egret hybrid *Egretta gularis* x *E. garzetta*, observed at Es Codolar.

Formentera: 5 localities were surveyed (map 2), with a total of 20 different species, similar to previous years, totalling 863 birds, notably higher than the 630

birds recorded in 2017 and the 404 birds in 2016, but close to the 833 birds counted in 2015. As usual, the Black-necked Grebe *Podiceps nigricollis* was the most abundant species with 601 birds, showing an important increase, as in 2016 only 228 birds were counted, which was considered a recovery from previous years. The second species was the Kentish Plover *Charadrius alexandrinus* with 96 birds, a higher number than previous years, followed by Greater Flamingo *Phoenicopterus roseus* with 56 birds, a notable increase from the previous year which was then considered a rise in the wintering population on the island. Followed by Common Shelduck *Tadorna tadorna* with 27 birds and European Golden Plover *Pluvialis apricaria* with 22 birds counted.

Roost census

As in previous years, a census was carried out at certain ardeid and gull roosts, although as in the previous counts, the gulls have been undercounted.

Ardeid roosts

A total of 18 roosts were visited and counted. Mallorca: Albufera, Salobrar de Campos, Albufereta, Es Llombards (Santanyí), Prat de Sant Jordi, Son Ripoll (Palma), Son Nuviet (Petra), Son Navata (Felanitx), Sa Teulera (Selva) and the water treatment plants at Porreres and Binissalem. Menorca: Sant Joan torrent (Mahon), Binillaubet (Es Mercadal) and Sa Muntanyeta (Mahon). Ibiza: Ses Feixes, Prat de Vila and Prat de Sant Jordi.

This year, six different ardeid species were counted (Black-crowned Night Heron *Nycticorax nycticorax*, Cattle Egret *Bubulcus ibis*, Little Egret *Egretta garzetta*, Great Egret *Egretta alba* and Grey Heron *Ardea cinerea*, and for the first time Glossy Ibis *Plegadis falcinellus*.

A total of 3.358 birds were counted, which is slightly higher than the 3.137 birds counted in 2017. This is due to the increase of all the species counted, with exception of the Black-crowned Night Heron and Great Egret, which have remained stable. Of note is the 130 birds increase in Little Egret.

Great Cormorant *Phalacrocorax carbo* numbers have decreased in Mallorca and Menorca, with Ibiza and Formentera showing the only slight increase. 627 birds were counted, 264 less than the previous count. The reason is most probably due to survey deficit at various zones of the roosts.

As already commented (MANCHADO *et. al.*, 2017), additional effort should be focussed on this species by census planning at roosts, with the aim of avoiding surveying errors that are presently not allowing us to see how this species really fluctuates.

Gull and seabird roosts

This is the fourth year that larids have been separated from water birds and ardeids in the count. With this methodology, the results obtained are more realistic. Whenever specific winter census on seabirds are carried out, the results have been much more adequate. This year a census was carried at part of the bay of Palma (from the port up to Can Pastilla and the water treatment plant), Porto Colom, Port and torrent at Sóller and the bay of Alcúdia. This count allowed for a good estimate of the Black-headed Gull *Larus ridibundus* population, with a result of 1.037 birds.

Regarding Yellow-legged gull *Larus michahellis*, even though the count resulted in 1.784 bird surveyed, this result is by no means a reflection of the population at the time of the count. A different methodology would be required, or simply an indication of underestimation. A total of 77 Sandwich Terns *Sterna sandvicensis* were counted, 41 less than in 2017. Lesser Black-backed gull *Larus fuscus* remained stable with 3 birds counted, the same result as in 2017.

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The work groups by islands:

Mallorca: Maria José Ambrosio, Jordi Amengual, Bernat Arrom, Cati Artigues, Juanjo Bazán, Nieves Boned, Joan Miquel Bosch, Bernadí Cabanelles, Rafel de can Bauma, Jorge Canales, María Cantallops, Miquel Cantallops, Amaia Caperochipi, Gemma Carrasco, Luis Miguel Carretero, Marta Cirerol, Pep Toni Coll, Enric Culat, María José de Teba, Esther Domínguez, Ekaitz Egurrola, Xabier Egurrola, Andreu Fiol, Cristina Fiol, Toni Fontanet, Miquel Garau, David García, Tomeu Garcias, Jaume García-Delgado, Joan Gelabert, Joan Miquel González, Gaspar Guaita, Andreu Guardiola, Mabel Gutierrez, Daniel Hinckley, Joan Lillo, Carlos López-Jurado, Antonio Luque, Antònia Llabrés, Xavier Llabrés, Rosa María Lliteras, Miquel Mairata, Josep Manchado, Xavier Manzano, José Luis Martínez, Manolo Martínez, Catalina Martorell, Andrés Mas, Rafel Mas, Neus Matamalas, Miguel McMinn, Antoni Mestre, Elisa Miquel, Jordi Monterde, Eva Moragues, Jorge Moreno, Juan Moreno, Xisco Morey, Jason Moss, Patrick Moussa, Jaume Moyà, Jordi Muntaner, Toni Muñoz, Pere Nadal, Mari Carmen Oriola, Maria Ortiz, Alex Pacho, Mika Palmer, Biel Payeras, Biel Perelló, Catalina Piris, Marina Pons, Miquel Pons, Maties Rebassa, Antònia Reus, Miquel Àngel Reus, Xesca Riera, Samanta Rigo, Llorenç Roig, Marga Roig, Jaume Salvà, Steve Sánchez, Catalina Sebastià, Biel Servera, Biel Sevilla, Malena Soler, Toni Soler, Manolo Suárez, Josep Sunyer, Pere Tomàs, Sebastià Torrens, Aina Tugores, Bernat Vallés, Carlos Vallejo, Pedro Van der Knoop, Maria José Vera, Pere Vicens and Marc Villalonga.

Menorca: Julia Álvarez, Marisa Álvarez, Santi Campos, Santi Cardona, David Carreras, Damià Coll, Félix De Pablo, Raül Escandell, Toni Escandell, Joan Florit, Aina Garcia, Óscar Garcia, Emili Garriga, Gala Lligoña, Xavier Méndez, Pere Mir, Carme Periano, Oriol Perona, Román Piris, Marina P. Tysoe, Tana Pons, Toni Pons, Sam Pons, Josepa Rubio, Rafel Triay, Cecilio Toledo and Carlota Viada.

Ibiza and Formentera: Esteban Cardona, Jaume Estarellas, Paco López, Oliver Martínez, Miquel Mas, Joan Carles Palerm, Jordi Serapio and Nuria Valverde.

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**PREDATION BY BALEARIC SPOTTED FLYCATCHER
MUSCICAPA TYRRHENICA BALEARICA ON
LILFORD'S WALL LIZARD *PODARCIS LILFORDI***

JOAN MIQUEL GONZÁLEZ ¹ and MARIA BORDOY ²

SUMMARY. - *Predation by Balearic Spotted Flycatcher* *Muscicapa tyrrhenica balearica* on *Lilford's wall lizard* *Podarcis lilfordi*. A compilation is made of all known observations of Balearic Spotted Flycatcher *Muscicapa tyrrhenica balearica* capturing and feeding on juvenile Lilford's wall lizard *Podarcis lilfordi*. This behaviour has been observed once on the island of Cabrera, but especially on the island of Dragonera. Information from 2004 to 2016 has been collected.

Key words: Spotted Flycatcher, *Muscicapa tyrrhenica balearica*, Lilford's wall lizard, *Podarcis lilfordis*, Cabrera, Dragonera, predation.

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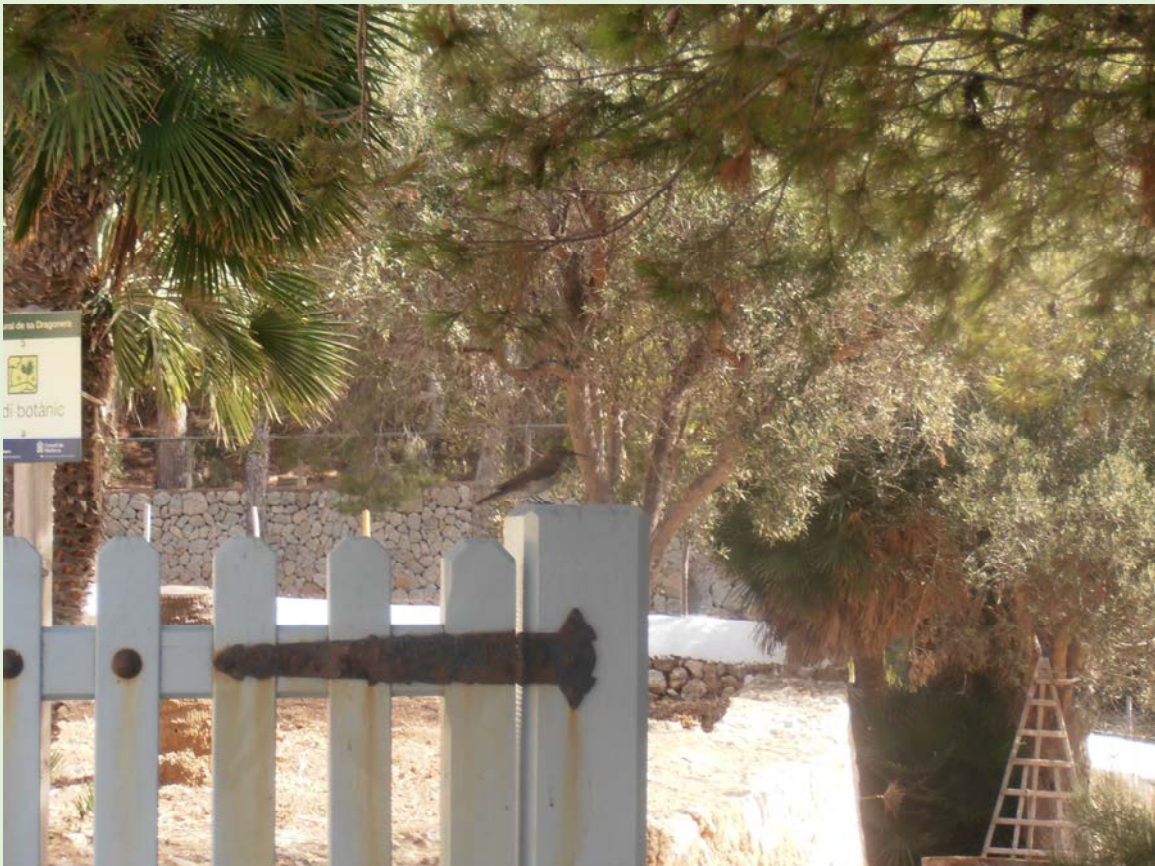
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A recent study (PONS *et al.*, 2015) suggests that the insular Spotted Flycatcher *Muscicapa tyrrhenica* and the continental Spotted Flycatcher *Muscicapa striata* are separate species. Additionally, the first species can now be divided into two subspecies; the *tyrrhenica ssp.*, which range includes a narrow coastal part of Toscana (Italy), the Tuscan archipelago, Corsica and Sardinia and surrounding islands, and the *balearica ssp.* in the Balearic Islands.

Spotted Flycatchers feed basically on flying insects, especially those of the Diptera and Hymenoptera orders, which they capture in flight. They will also occasionally eat berries, especially in the autumn (CRAMP & PERRINS, 1993). The capture of small vertebrates, in this case of juvenile lizards, has only been described recently, with the first ornithological reference concerning the island of Corsica and the Tyrrhenian wall lizard *Podarcis tiliguerta* (DELAUGERRE *et al.*, 2017). This has encouraged the publication of the available records of this behaviour in the Balearics, including some photos taken by one of the authors (photos 1 and 2).

All the known records to date of the Spotted Flycatcher *Muscicapa tyrrhenica balearica* capturing and/or feeding on juvenile Lilford's wall lizard *Podarcis lilfordi* have been compiled below. This has been observed in recent years only once on the island of Cabrera, but especially on the island of Dragonera. Information from 2004 to 2016 has been gathered.

The capture by *Muscicapa tyrrhenica* of small lizards, so abundant on certain islands of the western Mediterranean, could be a trophic particularity, exclusive to the breeding season of this species in the Mediterranean.



Photos 1 and 2. Balearic Spotted Flycatcher *Muscicapa tyrrhenica balearica* feeding on a Lilford's wall lizard *Podarcis lilfordi*, Dragonera, august 2015. Photos: Maria Bordoy.

Records in chronological order of *Muscicapa tyrrhenica balearica* capturing and/or feeding of juvenile *Podarcis lilfordi*:

Date	Record	Island	Locality	Observers
25-VII-2004	1 bird preying on a small lizard	Cabrera	-	Tomeu Ripoll
29-VIII-2012	1 bird captures and eats a small lizard	Dragonera	Cas Garriguer, Cala Lladó	Francisco Marín Llorenç Vanrell J.M. González
25-VII-2014	1 bird with a hatchling lizard	Dragonera	Cala Lladó	Guillem Alomar
30-VII-2015	1 bird captures a young lizard, kills it by knocking it on a branch and then feeds it to a chick.	Dragonera	Cala Lladó	Guillem Alomar Martí Mayol
24-VII-2016	1 bird tries to capture a young lizard, it succeeds, but ends up escaping.	Dragonera	Cala Lladó	Guillem Alomar
12-VIII-2016	1 bird with a young dead lizard in its beak.	Dragonera	Cala Lladó	Miguel McMinn

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RARE BIRDS IN BALEARICS IN 2017

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XAVIER MÉNDEZ ⁴, JORDI MUNTANER ⁵ & STEVE NICOLL ⁶

SUMMARY.- *Rare birds in Balearics in 2017.* The Balearic Ornithological Rarity Committee presents its 27th annual report. Thirty-seven records were accepted, corresponding to twenty-five species plus a hybrid: Barnacle Goose *Branta leucopsis*, Ruddy Shelduck *Tadorna ferruginea*, Greater Scaup *Aythya marila*, Common Scoter *Melanitta nigra*, Black-throated Loon *Gavia arctica*, Western Reef Heron x Little Egret hybrid *Egretta gularis* x *E. garzetta*, Pallid Harrier *Circus macrourus*, Little Crake *Porzana parva*, Eurasian Dotterel *Charadrius morinellus*, Pectoral Sandpiper *Calidris melanotos*, Great Black-backed Gull *Larus marinus*, Caspian Tern *Hydroprogne caspia*, Laughing Dove *Streptopelia senegalensis*, Red-necked Nightjar *Caprimulgus ruficollis*, Lesser Short-toed Lark *Calandrella rufescens*, Richard's Pipit *Anthus richardi*, Western Olivaceous Warbler *Iduna opaca*, Orphean Warbler *Sylvia hortensis*, Yellow-browed Warbler *Phylloscopus inornatus*, Wallcreeper *Tichodroma muraria*, Red-backed Shrike *Lanius collurio*, Southern Grey Shrike *Lanius meridionalis*, White-winged Snowfinch *Montifringilla nivalis*, Eurasian Bullfinch *Pyrrhula pyrrhula*, Yellowhammer *Emberiza citronella* and Rock Bunting *Emberiza cia*. A record of a Common Magpie *Pica pica*, a category D species, was also accepted.

Also included are fifteen Balearic records corresponding to thirteen species accepted by the Spanish Rarities Committee (CR-SEO) from 2016, published in their latest report number 32, including one first accepted Balearic record: Broad-billed Sandpiper *Calidris falcinellus*. The other records comprise: Lesser Spotted Eagle *Aquila pomarina*, Allen's Gallinule *Porphyrio alleni*, Moussier's Redstart *Phoenicurus moussieri*, Isabelline Wheatear *Oenanthe isabellina*, Lesser Whitethroat *Sylvia curruca*, Red-breasted Flycatcher *Ficedula parva*, Collared Flycatcher *Ficedula albicollis*, Isabelline Shrike *Lanius isabellinus*, Hooded Crow *Corvus cornix*, Common Rosefinch *Carpodacus erythrinus*, Lapland Longspur *Calcarius lapponicus* and Little Bunting *Emberiza pusilla*.

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This is the 27th annual report of the Balearic Ornithological Rarity Committee. A total of 37 records pertaining to 2017 are presented, as well as two records from 2016, corresponding to 25 species plus a hybrid. The acceptance percentage this year has been 94 %, which is within previous years parameters: Barnacle Goose

Branta leucopsis, Ruddy Shelduck *Tadorna ferruginea*, Greater Scaup *Aythya marila*, Common Scoter *Melanitta nigra*, Black-throated Loon *Gavia arctica*, Western Reef Heron x Little Egret hybrid *Egretta gularis* x *E. garzetta*, Pallid Harrier *Circus macrourus*, Little Crake *Porzana parva*, Eurasian Dotterel *Charadrius morinellus*, Pectoral Sandpiper *Calidris melanotos*, Great Black-backed Gull *Larus marinus*, Caspian Tern *Hydroprogne caspia*, Laughing Dove *Streptopelia senegalensis*, Red-necked Nightjar *Caprimulgus ruficollis*, Lesser Short-toed Lark *Calandrella rufescens*, Richard's Pipit *Anthus richardi*, Western Olivaceous Warbler *Iduna opaca*, Orphean Warbler *Sylvia hortensis*, Yellow-browed Warbler *Phylloscopus inornatus*, Wallcreeper *Tichodroma muraria*, Red-backed Shrike *Lanius collurio*, Southern Grey Shrike *Lanius meridionalis*, White-winged Snowfinch, Eurasian Bullfinch *Pyrrhula pyrrhula*, Yellowhammer *Emberiza citronella* and Rock Bunting *Emberiza cia*. A record of a Common Magpie, a category D species, was also accepted.

The following people have participated in assessing the records, Maties Rebassa (Inca, Mallorca), Josep R. Sunyer (Sineu, Mallorca), Xavier Méndez (Mahon, Menorca), Jordi Muntaner (Palma, Mallorca) and Steve Nicoll (Palma). As in previous years, Carles López-Jurado (Palma, Mallorca) has been the coordinator. With the purpose of gathering all possible information available on Balearic rarities, as well as the records received, the Committee has also taken into consideration those published on web sites such as:

Aucells rars a les Balearics (<http://rareresornibalears.blogspot.com/>)

Societat Ornitològica de Menorca (<http://www.menorcasom.org/>)

GOB CitAu (<https://citau.gobmallorca.com/>)

ForumAus GOB (<http://www.gobmallorca.com/forum/viewforum.php?id=2>)

Birdforum.net (<https://www.birdforum.net/showthread.php?t=337219>)

Reservoir Birds (<https://www.reservoirbirds.com>)

Rare Birds in Spain (www.rarebirdspain.net)

Many thanks to all those whom have contributed with their records.

Also included for information purposes are fifteen Balearic records corresponding to thirteen species accepted by the Spanish Rarities Committee (CR-SEO) from 2016, published in their latest report number 32 in the Ardeola journal (Gil-Velasco, et al. 2018), which includes a first accepted Balearic record: Broad-billed Sandpiper *Calidris falcinellus*. The other records comprise: Lesser Spotted Eagle *Aquila pomarina*, Allen's Gallinule *Porphyrio alleni*, Moussier's Redstart *Phoenicurus moussieri*, Isabelline Wheatear *Oenanthe isabellina*, Lesser Whitethroat *Sylvia curruca*, Red-breasted Flycatcher *Ficedula parva*, Collared Flycatcher *Ficedula albicollis*, Isabelline Shrike *Lanius isabellinus*, Hooded Crow *Corvus cornix*, Common Rosefinch *Carpodacus erythrinus*, Lapland Longspur *Calcarius lapponicus* and Little Bunting *Emberiza pusilla*.

Non-accepted records are those considered by the Committee as insufficiently

documented, and are declared open to revision in the case that more complete information to support acceptance is supplied. Additionally, certain 2017 records are still pending review by the Committee and will be included in the next report.

The species considered in this report are those included in the listing "Llista de les espècies sotmeses a homologació per la SEO i el GOB", published in the 2016 *AOB* volume 31: 261-274.

REPORT PRESENTATION

The systematic list used has been compiled in accordance to the following points:

Since the existence of rarity committees in Spain (CR-SEO, 1984) and in the Balearics (CR-BALEARICS, 1991), 114 species, 8 subspecies and one hybrid belonging to category A and two species belonging to category B have been accepted in the Balearics. Of the reports published in the *BBR*, only those records included in the last report of each committee appear, having been accepted or not.

The common name is used as recommended by the AERC-TAC and followed by the scientific name.

The number in brackets that follows the scientific name indicates the records/individuals accepted by the Committee 1) in years previous to 2017; 2) in 2017 (not including those birds corresponding to the previous year, indicated by * in the list). In the case of CR-SEO, the record counter refers to mainland Spain-Balearics as a whole (MB) and the Balearics separately.

The information for each record is arranged by: 1) island; 2) place; 3) number of birds seen; 4) age and sex if known (for spring-summer data the age is only shown when not in breeding plumage); 5) if the bird was hunted, trapped or found dead, if preserved and where; and if there are any photographs included in the documentation held by the Committee; 6) date/s; 7) observer/s, normally no more than four.

The taxonomic sequence used is that of AERC-TAC (*AERC TAC's Taxonomic Recommendations*).

A summary about each species aimed at placing the records in relation to what is known about the status of the species in the Balearics, considering what has been discussed in previous reports and the essential breeding area showed in brackets at the beginning.

The propriety of the information included in the report corresponds to the different observers, these should be mentioned as authors in the bibliography and the following reference is recommended AUTOR/S. *In*: López-Jurado, C.; Rebassa, M.; Sunyer, J.R; Méndez, X.; Muntaner, J., i S. Nicoll. 2018. Observació d'aus rares a les Balearics al 2016. *Anuari Ornitològic de les Balearics*, 2017. Vol. 32. GOB. Palma.

SYSTEMATIC LIST OF ACCEPTED RECORDS

Barnacle Goose *Branta leucopsis*

(CR-BALEARICS, 2017: 1/1, 1/1)

Mallorca: Prat d'Alcúdia, one bird photographed at the Maristany area on the 21st of November 2017 (Cati Artigues).

(Holarctic circumpolar). Second accepted record for the Balearics. The previous record was at Albufera from the 17th of May to the 12th of June 2015.

Ruddy Shelduck *Tadorna ferruginea*

(CR-BALEARICS, 2017: 8/14, 1/2) (CR-SEO, 2002: Balearics 11/36)

Mallorca: Prat d'Alcudia, two birds at the Maristany area on the 1st of July 2017, photo available (Juanjo Bazán, Mika Palmer, Pedro Van der Knoop, Josep Manchado, Nacho Barcia; Phil Andrews, Mike Montier).

(Western-central Asia with small areas in southeast Europe and northeast Africa).

Unknown Origin. All Balearic records, records/birds/month: 1/3/I, 6/9/II, 1/1/III, 0/IV, 1/1/V, 1/2/VI, 4/7/VII, 1/8/VIII, 1/1/IX, 2/7/X, 2/7/XI, 5/19/XII.

Greater Scaup *Aythya marila*

(CR-BALEARICS, 2017: 3/4, 1/1)

Mallorca, Can Guidet irrigation reservoir, Palma, one female from the 30th of October until the 2nd of November 2017, photo available (see photo 1) (Philip Garnett; Mika Palmer, Jordi Muntaner, Josep Manchado, Juanjo Bazán; Carlos López-Jurado).

(Boreal-Holarctic). First record for Can Guidet irrigation reservoir. Phenology of accepted records is from the 30th of October to the 3rd of February.

Common Scoter *Melanitta nigra*

(CR-BALEARICS, 2017: 9/11, 1/1)

Mallorca: Prat d'Alcudia, one female at the Maristany area from the 27th of February to the 14th of April 2017, photo available, (see photo 2) (Maties Rebassa, Aina Frontera; Josep Manchado, Carlos López-Jurado, Mara & Martin Schultz, Steve Nicoll; *et al.*).

(North America, Siberia and Northern Europe). Phenology: Postnuptial-wintering-prenuptial migration (1/X, 1/XI, 2/XII, 4/I, 1/II, 1/III, 1/IV, 1/V), first record on the 21st of October and last on the 24th of May.



Photo 1. Female Greater Scaup *Aythya marila* (Scaup), Can Guidet irrigation reservoir, Palma, 1st of November 2017. Author: Juan José Bazán.



Photo 2. Female Common Scoter *Melanitta nigra*, Maristany, Alcúdia, 28th of February 2017. Author: Maties Rebassa.

Black-throated Loon *Gavia arctica*

(CR-BALEARICS, 2017: 1/1, 1*/1*)

Mallorca: Port d'Andratx, one first winter bird present from the 8th (Juan J. Bazán) to the 13th of February 2017 (Carlos López-Jurado; Pedro Van der Knoop; Michael Montier; Marina P. Tysoe; Steve Sánchez; Carlota Viada).

(Palearctic). The same bird present from the 8th of December 2016, therefore not included in the CR-BALEARICS counter. Only one record exists prior to the Committee, one bird at La Savina, Formentera on the 7th of January 1985.

Little Egret and Western Reef Heron hybrid *Egretta gularis x Egretta garzetta*

(CR-BALEARICS, 2017: 3/4, 3/3)

Birds with intermediate traits between *E.gularis* and *E.garzetta*, possible hybrids.

Mallorca: Salobrar de Campos, one bird on the 20th of February 2017 (Jordi Muntaner). One bird on the 26th of September 2017, photo available (see photo 3) (Pere J. Garcias).

Albufereta, Pollença, one bird on the 5th, 7th and 11th of September 2017, photo available (see photo 4) (Stewart Betts).

(Tropical Africa, Red Sea, Arabian Peninsula and coast of Iran up to the Indian subcontinent). Phenology of the 6 available records: (1/I, 2/II, 0/III, 1/IV, 0/V, 1/VI, 1/VII, 1/VIII, 3/IX, 1/X, 1/XI, 1/XII), thus suggesting a pattern of seasonal nomadic movements.

Pallid Harrier *Circus macrourus*

(CR-BALEARICS 2017: 2/2, 5/5) (CR-SEO, 2014: Balearics 14/14)

Mallorca: Albufera, one bird on the 13th of January 2017, photo available (see photo 5) (Juanjo Bazán).

Salobrar de Campos, one adult female on the 27th of February 5th and 27th of March 2017, photos available (see photo 6) (Jason Moss, Elisa Miquel, Michael Montier, *et al.*).

Albufera, one male on the 1st of April 2017, photo available (see photo 7) (Josep Manchado, Carlos López-Jurado).

Cap Blanc, Lluchmajor, one bird photographed on the 25st of September 2017 (Adolfo Ferrero).

Cap de Ses Salines, Santanyí, one bird photographed on the 1st of October 2017 (Adolfo Ferrero, Josep Manchado).

(Eastern Europe, Asia). 18 accepted records from Mallorca, one from Menorca and another from Cabrera. Phenology: 2 winter records, on the 13st of January and the 27th of February. 15 prenuptial records, the first on the 23rd of March and the last on the 30th of April. Three postnuptial records from the 1st to the 8th of October.



Photo 3. Western Reef Heron x Little Egret hybrid *Egretta gularis* x *Egretta garzetta*, Salobrar de Campos, 26th of September 2017. Author: Pere J. Garcias.



Photo 4. Western Reef Heron x Little Egret hybrid *Egretta gularis* x *Egretta garzetta*, Albufereta, Pollença, 5th of September 2017. Author: Stewart Betts.



Photo 5. Pallid Harrier *Circus macrourus*, juvenile, Albufera de Mallorca Natural Park, 13th of January 2017. Author: Juan José Bazán.

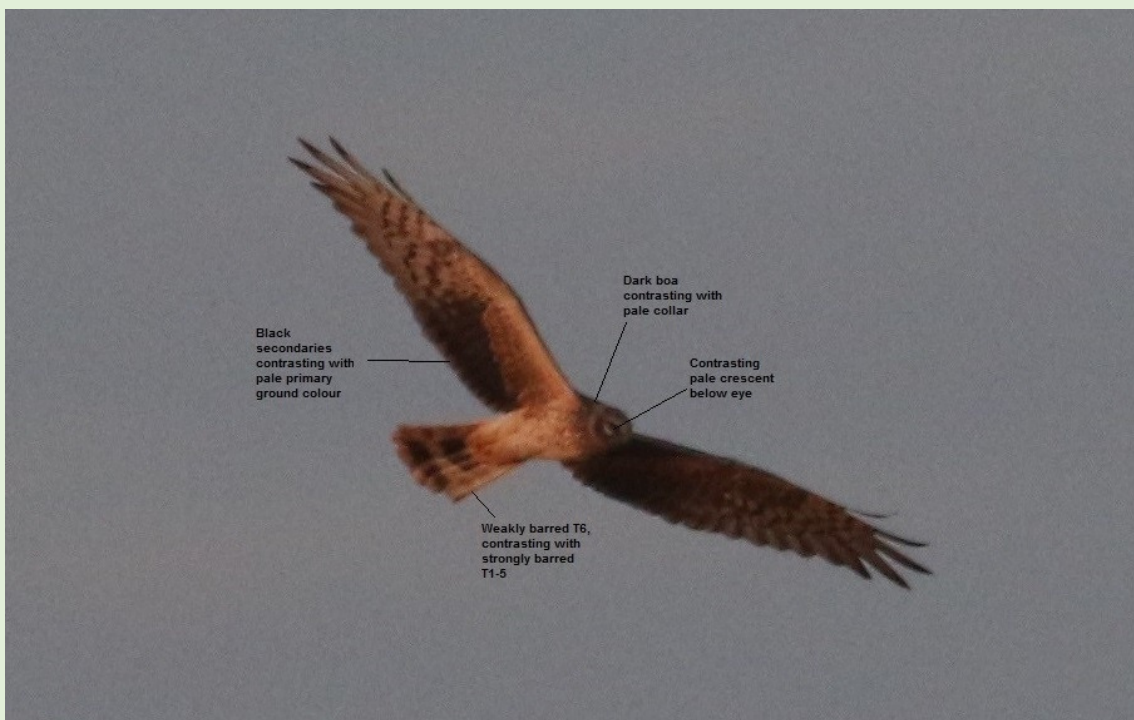


Photo 5. Pallid Harrier *Circus macrourus*, adult female, Salobrar de Campos, 5th of March 2017. Author: Jason Moss.



Photo 5. Male Pallid Harrier *Circus macrourus*, Albufera de Mallorca Natural Park, 1st of April 2017. Author: Josep Manchado.



Photo 8. Lesser Spotted Eagle *Aquila pomarina* (below), Booted Eagle *Aquila pennata* (above), Cap de Ses Salines, Santanyí, 12th of October 2016. Author: Josep Manchado.

Lesser Spotted Eagle *Aquila pomarina*

(CR-SEO 2016: Balearics 3/3, 2/2)

Individuals type I (pure):

Mallorca: Cap de Ses Salines, Santanyí, one second calendar year bird on the 2nd of October 2016, photo available (see photo 8) (Lalo Ventoso, Susana Quintanilla, Josep Manchado, Carlos López-Jurado, Martin Shultz, Mara Shultz).

Llubí, the same bird* observed again on the 5th of October 2016 (Pere Vicens).

Individuals type IIIa (III, birds with insufficient information available to classify as pure or hybrid; pertaining to birds observed from the 15th of March to the 1st of November, generally considered to be migrants, therefore having a high probability of being pure).

Vall de Bóquer, Pollença, a second calendar year bird, photo available, 12th of April 2016 (Joe Cockram).

(Central and Eastern Europe, Turkey, Caucasus and southern Caspian region) (GIL-VELASCO, *et al.* 2018). The Spanish Rarity Committee CR-SEO now uses a triple classification (I, II, IIIa, IIIb) for the Lesser Spotted Eagle and the Greater Spotted Eagle, with the aim of addressing the problems associated to the frequent hybridization of both species in Eastern Europe. Until now, many records were left without specific allocation due to the impossibility of ruling out hybrid birds, especially when the photographic material was of bad quality. First prenuptial record for the Balearics. 2 accepted records from Menorca and 3 from Mallorca. Only one prenuptial record (1/IV) on the 12th of April and 4 postnuptial records (1/IX, 3/X), the first on the 10th of September and the last on the 25th of October.

Little Crane *Porzana parva*

(CR-BALEARICS 2017: 11/14, 1/1)

Menorca: Albufera des Grau, Mahon, one female on the 17th of May 2017, photos available (see photo 9) (Barbara Salva).

(Palearctic). Fifth record for Albufera des Grau. The phenology of this migrant is from the 2nd of March to the 18th of June, with 11 prenuptial records (5/III, 3/IV, 1/V, 1/VI) and only one postnuptial record on the 30th of September.

Allen's Gallinule *Porphyrio alleni*

(CR-SEO, 2016: Balearics 2/2, 1/1)

Mallorca: Palma airport, one juvenile on the 6th of December 2016. The bird was in bad a physical condition and could be easily caught. Photo available (see photo 10) (José D. Gómez, Francisco Silva, Jordi Muntaner).

(Africa, south of the Sahara) (GIL-VELASCO, *et al.* 2018). Third record for the Balearics, all from Mallorca. Phenology: 25th of November to the 11th of January.



Photo 9. Female Little Crane *Porzana parva*, Albufera des Grau Natural Park, Menorca, 17th May 2017. Author: Barbara Salva.



Photo 10. Juvenile Allen's Gallinule *Porphyrio alleni*, Palma airport, 6th of December 2016. Author: José Diego Gómez.

Eurasian Dotterel *Charadrius morinellus*

(CR-BALEARICS, 2016: 38/181, 1/4)

Mallorca: Puig de Massanella, 4 birds photographed on the peak on the 28th of September 2016 (Rafael Amores).

(North-middle Palearctic, Northwest Nearctic). Pre-Saharan migrant that winters from September to April in a narrow area ranging from Morocco to Iran. There is a winter record in January. During the prenuptial migration only one record on the 4th of April; 35 postnuptial records (10/VIII, 22/IX, 6/X) from the 16th of August to the 30th of October. The Balearic Ornithological Rarity Committee considers the regular occurrence of this species proven and it is therefore removed from the Balearic rarity list with effect from the 1st of January 2017.

Broad-billed Sandpiper *Calidris falcinellus*

(CR-SEO, 2016: Balearics 0/0, 1/1)

Mallorca: Salobar de Campos, one juvenile on the 12th to the 16th of August 2016, photo available (see photo 11) (Maties Rebassa, Carlos López-Jurado, Mabel Gutiérrez).

(Fennoscandia and Siberia) (GIL-VELASCO, *et al.* 2018). First accepted record for the Balearics.

Pectoral Sandpiper *Calidris melanotos*

(CR-BALEARICS, 2017: 1/1, 1/1) (CR-SEO, 2014: Balearics 11/13)

Mallorca: Prat de Sant Jordi, Palma, one bird on the 29th of September to the 8th of October 2017, photo available (see photo 12) (Jason Moss; Carlos López-Jurado; Mara & Martin Schultz, Juan J. Bazán, Steve Nicoll).

(North America and Siberia). The phenology of this vagrant to the Balearics: 3 prenuptial records (1/III, 0/IV, 2/V), from the 8th of March to the 16th of May; 9 postnuptial records (8/IX, 1/X), from the 9th of September to the 15th of October.

Great Black-backed Gull *Larus marinus*

(CR-BALEARICS, 2017: 4/4, 1/1)

Mallorca: Palma port, one third calendar year bird at Moll Vell, photographed on the 14th of August 2017 (see photo 13) (Xavier Gassó).

(Nearctic and Western Palearctic). Forth record for Palma port. Two records exist in Formentera prior to the Committee, one on the 1st of November 1987 and another on the 28th of July 1990 (Wijk, 1988 & 1991). Phenology of accepted records: 2 prenuptial records, one on the 6th of April and another on the 1st of March and 3 postnuptial records, the first on the 14th of August and the last on the 7th of October.



Photo 11. Juvenile Broad-billed Sandpiper *Calidris falcinellus*, Salobrar de Campos, 16th of August 2016. Author: Josep Manchado.



Photo 12. Pectoral Sandpiper *Calidris melanotos*, Prat de Sant Jordi, Palma, 4th of October 2017. Author: Juan José Bazán.



Photo 13. Third calendar year Great Black-backed Gull *Larus marinus* (centre), Palma port, 14th of August 2017. Author: Xavier Gassó.

Caspian Tern *Hydroprogne caspia* (formerly *Sterna caspia*)

(CR-BALEARICS, 2017: 23/32, 1/1)

Mallorca: Cap de Ses Salines, Santanyí, one bird on the 18th of September 2017, photo available (Jason Moss).

(Holarctic, Afrotropical and Australasia). Phenology: Scarce prenuptial passage with 4 records (3/IV, 1/V). First record on the 11th of April and last on the 10th of May. Summer presence: 3 records on the 25th and 27th of June and the 2nd of July. 17 postnuptial records (3/VIII, 11/IX, 3/X), the first on the 6th of August and last on the 26rd of October.

Laughing Dove *Streptopelia senegalensis*

(CR-SEO, 2016: Balearics 5/5, 1/1)

Ibiza: one bird on the 15th of March 2016 (Juan J. Bazán).

(Africa and Southeast Asia) (GIL-VELASCO, *et al.* 2018). First accepted record for Ibiza. Phenology: 3 prenuptial records from the 15th of March to the 1st of May and 3 postnuptial records from the 23rd of August to the 18th of November.



Photo 14. Red-necked Nightjar *Caprimulgus ruficollis*, Cabrera Nacional Park, 4th of May 2017. Author: Josep Manchado.

Red-necked Nightjar *Caprimulgus ruficollis*

(CR-BALEARICS, 2017: 13/13, 1/3)

Cabrera: three birds observed at night on the 4th of May 2017, photo available (see photo 14) (Maties Rebassa, Josep Manchado).

(Palearctic: exclusive to the Iberian Peninsula and the Barbary Coast). Third record for Cabrera. Phenology of this migrant: All records are prenuptial (10/IV, 4/V), from the 21st of April to the 14th of May.

Lesser Short-toed Lark *Calandrella rufescens*

(CR-BALEARICS, 2017: 1/2, 1/1)

Mallorca: Albufera, one bird at Son Carbonell on the 2nd of March 2017 (Maties Rebassa).

(Palearctic). Second accepted record, both are from the Albufera. Only two records exist prior to the Committee, both in December. Phenology of this migrant: The accepted records are both prenuptial (1/III, 1/IV), on the 21st of April and on the 14th of May. Postnuptial passage (2/XII), from the 1st to the 9th of December.

Richard's Pipit *Anthus richardi*

(CR-Balearics, 2017: 4/5, 1/1) (CR-SEO, 2006: Balearics 12/20)

Menorca: Mahon airport, one bird photographed on the 26th of October 2017 (Galatea Lligoña, Román Peris).

(Central and East Asia). In the Balearics, the records of this rare migrant and winter visitor are from the 3rd of October to the 25th of April. All data, records/birds/month: 4/5/I, 3/6/II, 3/4/III, 4/8/IV, 0/V, 0/VI, 0/VII, 0/VIII, 0/IX, 6/8/X, 6/9/XI, 5/7/XII.

Moussier's Redstart *Phoenicurus moussieri*

(CR-SEO, 2016: Balearics: 2/2, 1/1)

Illa de l'Aire: one juvenile female is ringed and photographed on the 17th of October 2016 (see brief note) (Raül Escandell).

(Extreme north of Africa, from Morocco to Tunisia). Ninth Spanish record of this species and first recorded female. The females of this species are easily confused with Common Redstart females, which makes them less detectable than the males, thus causing the disproportion between the number of records of both sexes (GIL-VELASCO, *et al.* 2018). First record for Illa de l'Aire, the previous were from Cabrera. All the records are postnuptial from the 17th to the 23rd of October.

Isabelline Wheatear *Oenanthe isabellina*

(CR-SEO, 2016: Balearics 1/1, 1/1)

Menorca: Sant Climent, Mahon, one bird on the 29th of October to the 3rd of November 2016 (Galatea Lligoña, Roman Piris).

(Eastern Europe and Asia) (GIL-VELASCO, *et al.* 2018). First record for Menorca. The previous record was from Cabrera on the 8th and 9th of October 2010. No prior references exist.

Western Olivaceous Warber *Iduna opaca* (previously *Hippolais opaca*)

(CR-BALEARICS, 2017: 32/38, 5/5)

Cabrera: one bird on the 6th of May 2017, photo available (see photo 15) (Juan Sagardía).

Illa de l'Aire: one adult ringed on the 11th of May 2017, photo available (Luís Betanzos, Santi Catchot). One adult ringed and photographed on the 14th of May 2017 (Santi Catchot). Another adult ringed, also on the 14th of May 2017, photo available (see photo 16) (Luís Betanzos, Santi Catchot, Raül Escandell).

Mallorca: Albufera, one bird photographed on the 2nd of July 2017 (Jens Stålborg).

(Palearctic: Mediterranean). First record for the month of July. 8th accepted

record for Illa de l'Aire. This migrant's spring passage is shorter than the autumn. Phenology: 32 prenuptial records (8/IV, 24/V), the first on the 7th of April and the last in the 26th of May. In contrast, just 5 postnuptial migration records (1/VII, 1/VIII, 2/IX, 1/X), the first on the 2nd of July and the last on the 10th of October.

Lesser Whitethroat *Sylvia curruca*

(CR-SEO 2016: Balearics 14/14, 2/2) (CR-Balearics 2005: 22/24),

Cabrera: one bird on the 22nd of October 2016 (Maties Rebassa). Another bird photographed on the 22nd of October 2016 (Juan Sagardía, Miguel Rouco, Nacho Castela, Miguel Rodríguez and José M. Fernández-Zapata).

(Eurasia) (GIL-VELASCO, *et al.* 2018). Cabrera now has 24 accepted records. Phenology: Prenuptial passage, the first record on the 20th of April and the last on the 30th of May; Postnuptial passage, the first on the 11th of September and the last on the 1st of November.

Island	Cabrera	Aire	Formentera	Menorca	Mallorca	Colom	Dragonera
Birds	24	5	4	2	1	1	1

Western Orphean Warbler *Sylvia hortensis*

(CR-BALEARICS, 2017: 42/42, 2/2)

Illa de l'Aire: one second calendar year male ringed on the 18th of April 2017, photo available (Raül Escandell).

Mallorca: Vall de Bóquer, Pollença, one male photographed on the 28th of April 2017 (see photo 17) (Nigel Deacon, Richard Somers, Alan Kennedy, Tom Dewick).

(Palearctic: Mediterranean). Phenology: 41 prenuptial records (19/IV, 21/V, 1/VI), the first on the 4th of April and the last on the 3rd of June; only three postnuptial records on the 5th, 22nd and 25th of September.

Yellow-browed Warbler *Phylloscopus inornatus*

(CR-BALEARICS, 2017: 7/10 2/4) (CR-SEO, 2014: Balearics 25/31)

Mallorca: Castell de Santueri, Felanitx, one bird photographed on the 23rd of October 2017 (Jason Moss).

Portocolom, Felanitx, one to three birds photographed from the 25th of October to the 3rd of November 2017 (see photo 18) (Jason Moss; Josep Manchado, Mika Palmer; Juanjo Bazán; Steve Nicoll).

(North and eastern Siberia and central Asia). A good year for this species in Mallorca. Phenology: All the records are postnuptial, from the 1st to the 12th of November and just one winter record on the 8th of December.



Photo 15: Western Olivaceous Warbler *Iduna opaca*, Cabrera Nacional Park, 6th of May 2017.
Author: Juan Sagardía.



Photo 16: Adult Western Olivaceous Warbler *Iduna opaca*, Illa de l'Aire, 14th of May 2017.
Author: Raül Escandell.



Photo 17. Male Western Orphea Warbler *Sylvia hortensis*, Vall de Bóquer, Pollença, 28th of April 2017. Author: Richard Somers Cocks.



Photo 18. Yellow-browed Warbler *Phylloscopus inornatus*, Portocolom, Felanitx, 25th of October 2017. Author: Jason Moss.



Photo 19. Adult female Collared Flycatcher *Ficedula albicollis*, Illa de l'Aire, 4th of May 2016.
Autor: Raül Escandell.

Red-breasted Flycatcher *Ficedula parva*

(CR-SEO, 2016: Balearics 9/9, 1/1)

Illa de l'Aire: one juvenile ringed on the 12th of October 2016, photo available (Santi Catchot, Richard Barnes, Romain Francin, Juan J. Carreras, Mónica Orfila).

(Central and Eastern Europe, Siberia up to the Pacific) (GIL-VELASCO, *et al.* 2018). Phenology: Only two prenuptial records, on the 25th of April and on the 15th of May. 8 postnuptial records (2/IX, 5/X, 1/XI), the first on the 28th of September and the last on the 2nd of November.

Collared Flycatcher *Ficedula albicollis*

(CR-SEO, 2016: Balearics 34/37, 1/1)

Pure birds:

Illa de l'Aire: one adult female ringed on the 4th of May 2016, photo available (see photo 19) (Raül Escandell).

(Central and Eastern Europe, Western Asia) (GIL-VELASCO, *et al.* 2018). Fifth record for Illa de l'Aire. Phenology: All records for this species are prenuptial from the 5th of April to the 15th of May.

Island	Cabrera	Mallorca	Aire	Formentera	Dragonera
Records/Birds	16 / 18	9 / 9	5 / 6	3 / 3	2 / 2

Wallcreeper *Tichodroma muraria*

(CR-BALEARICS, 2017: 3/3, 1*/1*)

Menorca: Torre den Penjat cliffs, Cala Sant Esteve, Es Castell, one bird on the 28th of January 2017 (Javier Méndez).

(Palearctic). Possibly the same bird observed nearby in December 2016. Prior to the Committee four records exist. Phenology: From the 28th of October to the 23rd of March.

Isabelline Shrike *Lanius isabellinus*

(CR-SEO 2016: Balearics 2/2, 1/1)

Mallorca: Albufereta, Alcúdia, one bird photographed on the 16th of December 2016 (Maties Rebassa).

(Asia) (GIL-VELASCO, *et al.* 2018). Third accepted record for the Balearics, the previous records were also from Mallorca (Salobrar de Campos in 1994 and Albufera in 2014). Phenology: All the records of this species are during the postnuptial passage from the 9th of September to the 16th of December.

Red-backed Shrike *Lanius collurio*

(CR-BALEARICS, 2017: 62/68, 1/1)

Illa de l'Aire: one adult male ringed (L56445 Aranzadi) on the 8th of May 2017, photo available (Luis Betanzos, Santi Catchot).

(Palearctic). Phenology: 36 prenuptial records (2/IV, 32/V, 2/VI), the first on the 27th of April and the last on the 3rd of June. 27 postnuptial records (4/VIII, 17/IX, 6/X), the first on the 25th of August and the last on the 20th of October.

Southern Grey Shrike *Lanius meridionalis*

(CR-BALEARICS, 2017: 4/4, 0/0)

Ibiza: Ses Salines, Sant Josep, one bird photographed on the 26th of September and the 25th of October 2016 (Oliver Martínez).

(Palearctic south-western and northern-central Afrotropical). Second accepted record for Ibiza. Phenology: Prenuptial from the 4th of March to the 1st of May; Postnuptial from the 5th of September to the 11th February.



Photo 20. Hooded Crow *Corvus cornix*, Ses Salines, Sant Josep, Ibiza, 7th of September 2016. Author: Sebastià Avellà.

Hooded crow *Corvus cornix*

(CR-SEO, 2016: Balearics 1/1, 1/1)

Pure birds:

Ibiza: Es Cavallet beach, Sant Josep, one bird on the 2nd of August until the 3rd of November 2016 (see photo 20) (Esteban Cardona; David Walker; Sebastià Avellà; Fernando Moreno; Nuria Ferrer).

(Central and eastern Europe, Asia). Of interest, is the first breeding confirmation of this species in the Iberian Peninsula during May 2017 in an urban park at El Prat de Llobregat, Barcelona, with the successful fledging of 4 chicks (López, 2017) (GIL-VELASCO, *et al.* 2018). Second accepted record for the Balearics, the previous record was from Andratx in April 2014. No historical or records prior to the Committee of this species in the Balearics.



Photo 21. Female Eurasian Bullfinch *Pyrrhula pyrrhula*, Barranc de Son Fideu, Ferreries, 18th of November 2017. Author: Raül Escandell.

White-winged Snowfinch *Montifringilla nivalis*

(CR-BALEARICS, 2017: 14/29, 1/1)

Mallorca: Mola de S'Esclop, Calvià, one bird on the 18th of November 2017 (Mika Palmer, Juan Moreno).

(Palearctic). This species in the Balearics, displays seasonal nomadic winter movements, with 15 records (4/XI, 8/XII, 3/I, 1/II). Phenology: First record on the 11th of November and last on the 18th of February.

Common Rosefinch *Carpodacus erythrinus*

(CR-SEO, 2016: Balearics 18/19, 1/1)

Cabrera: One female photographed on the 3rd of May 2016 (Daniel López-Velasco / Birdquest).

(Eurasia) (GIL-VELASCO, *et al.* 2018). Most of the records are from Cabrera (15). Phenology: 2 prenuptial records on the 28th of April and on the 3rd of May; 17 postnuptial records (12/IX, 6/X), from the 9th of September to the 16th of October.

Island	Cabrera	Formentera	Aire	Dragonera
Records/Birds	15 / 16	2 / 2	1 / 1	1 / 1

Eurasian Bullfinch *Pyrrhula pyrrhula*

(CR-BALEARICS, 2017: 1/2, 1/1)

Menorca: Barranc de Son Fideu, Ferreries, one female ringed and photographed on the 18th of November 2017 (see photo 21) (Raül Escandell).

(Palearctic). First accepted record for Menorca. The previous record was from Menut, Escorca, two females on the 2nd of February 2015.

Lapland Longspur *Calcarius lapponicus*

(CR-SEO, 2016: Balearics 1/1, 1/1)

Menorca: Sant Climent, Mahon, one bird photographed on the 29th and the 30th of September 2016 (Galatea Lligoña, Roman Piris).

(Boreal Holarctic) (GIL-VELASCO, *et al.* 2018). First record for Menorca, the previous record was from Albufereta, Pollença on the 23rd of October 2011.

Yellowhammer *Emberiza citrinella*

(CR-BALEARICS, 2017: 5/5, 1/1)

Mallorca: Clot d'Albarca, Escorca, one bird on the 12th of November 2017, photo available (Carlos López-Jurado, Maties Rebassa, Josep Manchado, Nacho Barcia, Juan Miguel González).

(Western Palearctic). Third accepted record for Mallorca. Phenology: Only one prenuptial record on the 9th of March and five postnuptial records (2/X, 2/XI, 1/XII), from the 25th of October to the 29th of December.



Photo 22. Rock Bunting *Emberiza cia*, northern Ciutadella, Menorca, 15th Of October 2017.
Author: Luís Arbalejo.

Rock Bunting *Emberiza cia*

(CR-BALEARICS, 2017: 5/6, 1/1)

Menorca: North area of Ciutadella, one bird on the 15th of October 2017, photo available (see photo 22) (Luís Arbalejo).

(Palearctic). Phenology: Prenuptial migration from the 13th to the 20th of March; Prenuptial migration and wintering, from the 14th of August to the 19th of January.



Photo 23. Little Bunting *Emberiza pusilla*, Mahon, Menorca, 23rd of February 2016.
Author: Joan Florit.



Photo 24. Eurasian Magpie *Pica pica*, Cala d'Or, Santanyí, 26th September 2017.
Author: Mirella Zeeders.

Little Bunting *Emberiza pusilla*

(CR-SEO, 2016: Balearics 10/10, 3/3)

Menorca: Mahon, one bird photographed on the 23rd of February 2016 (see photo 23) (Joan Florit).

Illa de l'Aire: one bird ringed and photographed on the 8th of October 2016 (Raül Escandell, Ricard Poch, Ioar de Guzmán, Romain Francin).

Cabrera: one bird on the 20th until the 23rd of October 2016, photo available (Miguel Rodríguez, Miguel Rouco, Nacho Castelao, Juan Sagardía, José M. Fernandez-Zapata, Maties Rebassa, Josep Manchado, Juanjo Bazán).

(North-eastern Europe, Russia and Siberia). (2015) First prenuptial record. Phenology: Only one prenuptial record on the 23rd of February and 12 postnuptial records from the 1st of October to the 30th of November.

Island	Cabrera	Menorca	Mallorca	Formentera	Aire
Records/Birds.	7 / 7	2 / 2	2 / 2	1 / 1	1 / 1

ANNEX 1. Category D. Species of uncertain natural origin.**Eurasian Magpie** *Pica pica*

(CRB, 2017: 4/4, 1/1)

Mallorca: Cala d'Or, Santanyí, one bird on the 19th to the 27th of September 2017, photos available (see photo 24) (Mirella Zeeders).

(Western Palearctic). **Unknown origin.** It was discovered that this bird had been present at the location since May. This species is resident in the Iberian Peninsula and absent in the Balearics and as on other occasions, it seems that it is an escapee, albeit natural origin cannot be ruled out.

LIST OF NON-ACCEPTED RECORDS

The following listed records, due to not being unequivocally identified as the proposed species according to the information facilitated to the Committee, an essential requirement for inclusion in the accepted data archive, have not been accepted. The motives of non-acceptance of each record are summarized in brackets. Documentation of these records can be supplied to appeal against the verdict, including date extensions by third party observers if applicable.

Balearic Ornithological Rarity Committee (CR-Balearics):

Pallid Harrier *Circus macrourus*

Salobrar de Campos, one bird on the 15th of March 2017, photo available (Insufficient material supplied to ensure correct identification).

Albercutx watch tower, Formentor, Pollença, one bird photographed on the 26th of March 2017 (The photos supplied cannot rule out other Harrier species).

Spanish Rarity Committee (CR-SEO):

Eyebrowed Thrush *Turdus obscurus*

Finca Galatzó, Calvià, one bird photographed on the 29th of December 2016 (The supplied material is insufficient to ensure identification).

Lesser Whitethroat *Sylvia curruca*

Muro-Can Picafort wáter treatment plant, Muro, one bird on the 1st of September 2016 (Other Warbler species cannot be ruled out).

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ORNITHOLOGICAL HIGHLIGHTS IN 2017

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SUMMARY.- This report summarises bird observations in the Balearics during 2017. It includes the most significant records regarding breeding, wintering, migration, population and rarities. All the reported rarities are included, those already accepted and those pending acceptance by the Rarity Committees.

January. In Mallorca, two rarities, a juvenile Black-throated Loon *Gavia arctica* at Port d'Andratx and a Pallid Harrier *Circus macrourus* at Albufera. Red-breasted Merganser *Mergus serrator*, a scarce winterer, was seen at three northern localities and 2 Hen Harrier *Circus cyaneus* were sighted at Albufera and Salobrar de Campos. A good wintering population of Western Marsh Harrier *Circus aeruginosus* with 96 birds seen (at Albufera, Albufereta and Salobrar).

Of note, a maximum of 238 Greater Flamingo *Phoenicopterus roseus* at Salobrar de Campos, 813 European Golden Plover *Pluvialis apricaria* at 4 localities (Na Llargà, Na Cabots, Salobrar de Campos and Albufera) and a flock of 1.400 Northern Lapwing *Vanellus vanellus* at Prat de Sant Jordi.

A second breeding record for Little Grebe *Tachybaptus ruficollis* at the Artà water treatment plant.

In Menorca, two rarities, a Wallcreeper *Tichodroma muraria* at Es Castell and a Little Bunting *Emberiza pusilla* at Vergers de Sant Joan.

Of note, a Balearic maximum of 527 Common Pochard *Aythya ferina* at Albufera des Grau and Common Razorbill *Alca torda* seen at Cap de Cavalleria and Sa Mesquida.

February. In Mallorca, three rarities, a Common Scoter *Melanitta nigra* at Maristany, a hybrid of Western Reef Egret and Little Egret *Egretta gularis* x *Egretta garzetta* and a Pallid Harrier *Circus macrourus*, both at Salobrar de Campos.

In Menorca, of note, a Common Razorbill *Alca torda* at Cap de Cavalleria, an Atlantic Puffin *Fratercula arctica* in the Channel of Menorca and a Pied Wagtail *Motacilla alba yarrellii* at Sant Climent.

March. In Mallorca, six rarities: a Pallid Harrier *Circus macrourus*, a Northern Goshawk *Accipiter gentilis*, a Long-legged Buzzard *Buteo rufinus*, both seen at the Albercutx watch tower, a Lesser Short-toed Lark *Calandrella rufescens* and a Black-headed Wagtail *Motacilla flava feldegg* at Albufera, and a Hooded Crow *Corvus cornix* at the beach in Alcúdia.

11 Griffon Vulture *Gyps fulvus* chicks and 26 Cinereous Vulture *Aegypius monachus* chicks fledged, all of them in the Tramuntana Mountains.

Seen on active migration from the Albercutx watch tower in Formentor: 19 Common Buzzard *Buteo buteo*.

Also, of note, 3 White Stork *Ciconia ciconia* migrating over Binissalem, the only Red Knot *Calidris canutus* record, with 2 birds and 6 Marsh Sandpiper *Tringa stagnatilis*, both at Salobrar de Campos. A maximum of 56 Sandwich Tern *Sterna sandvicensis* were seen at Ciutat Jardí and 2 Slender-billed Gull *Larus genei* at Cala Gamba.

Also, a new Balearic record for Garganey *Anas querquedula*, with 250 birds seen at Salobrar de Campos. At the same locality, 300 Kentish Plover *Charadrius alexandrinus* and 300 Dunlin *Calidris alpina* were also noted. 2.000 Alpine Swift *Apus melba* were counted at Santueri and 3 Red-billed Chough *Pyrrhocorax pyrrhocorax* were also recorded.

At Illa de l'Aire, noteworthy on prenuptial passage, were 6 Iberian Chiffchaff *Phylloscopus ibericus*.

April. In Mallorca, four rarities were recorded: a Pallid Harrier *Circus macrourus* at Albufera and another at Blanquer de Maria, 2 Lesser-spotted Eagle *Aquila pomarine*, one at Albercutx watch tower and another at Castell del Rei, an Orphean Warbler *Sylvia hortensis* at Bóquer valley and a Collared Flycatcher *Ficedula albicollis* at Albufera.

Seen on active migration from the Albercutx watch tower in Formentor: 3 Montagu's Harrier *Circus Pygargus*, 14 Booted Eagle *Aquila pennata*, 3 Osprey *Pandion haliaetus*, 28 Sparrow Hawk *Accipiter nisus*, 34 Common Kestrel *Falco tinnunculus* and 17 Eurasian Hobby *Falco subbuteo*.

Also, of note on passage: 57 Glossy Ibis *Plegadis facinellus* at Prat de Sant Jordi, a Merlin *Falco columbarius* at Sa Barrala, 5 Marsh Sandpipiers *Tringa stagnatilis* at Salobrar and another at Albufera. A flock of 6 Red-throated Pipit *Anthus cervinus* at Prat de Sant Jordi.

At Cabrera, a flock of 127 European Shag *Phalacrocorax aristotelis* were counted.

In Menorca, one rarity, a Collared Flycatcher *Ficedula albicollis* at Sant Climent.

Of note, during passage, 50 Wood-sandpiper *Tringa glareola* at Basses de Lluriach.

At Illa de l'Aire, one rarity recorded, an Orphean Warbler *Sylvia hortensis*.

Of note, during the prenuptial passage, a Red-throated Pipit *Anthus cervinus* at Sant Climent.

In Formentera, 4 pairs of Pied Avocet *Recurvirostra avosetta* bred at Estany Pudent.

May. In Mallorca, one rarity, a hybrid of Western Reef Egret and Little Egret *Egretta gularis* x *Egretta garzetta* at Albufera.

A minimum of 80 Red Kite *Milvus milvus* chicks hatched this year. Bonelli's Eagle *Aquila fasciata* had 3 breeding pairs, that raised 4 chicks.

Seen on active migration from the Albercutx watch tower in Formentor: 3 Black Stork *Ciconia nigra*, 104 Honey Buzzard *Pernis apivorus*, 108 Black Kite *Milvus migrans*, 18 Red Kite *Milvus milvus* and 216 Western Marsh Harrier *Circus aeruginosus*.

During prenuptial migration: two records of Eurasian Spoonbill *Platalea leucorodia* one at Albufera and another at Salobrar de Campos. 4 Short-toed

Eagle *Circaetus gallicus* seen at Pla de Vilafranca. Also recorded were 20 Lesser Kestrel *Falco naumanni* and 26 Red-footed *Falco vespertinus*. 17 Gull-billed Tern *Gelochelidon nilòtica* and 2 Slender-billed Gull *Larus genei* observed at Salobrar de Campos.

At Cabrera, five rarities, 3 Red-necked Nightjar *Caprimulgus ruficollis*, a Western Olivaceous Warbler *Iduna opaca*, a Marmora's Warbler *Sylvia sarda*, a Yellow-browed Warbler *Phylloscopus inornatus* and a Collared Flycatcher *Ficedula albicollis*.

Seen on active migration north, 7 Booted Eagle *Aquila pennata* and 6 Common Kestrel *Falco tinnunculus*.

In Menorca, one rarity, a Spotted Crake *Porzana porzana* at Albufera des Grau.

At Illa de l'Aire, two rarities, 3 Western Olivaceous Warbler *Iduna opaca* and a Red-backed Shrike *Lanius collurio*.

June. Regarding Osprey *Pandion haliaetus* in the Balearics, 16 breeding pairs fledged 30 chicks (16 Mallorca, 9 Cabrera, 3 Menorca, 2 Ibiza).

In Mallorca, a new breeding locality at Palma for Pallid Swift *Apus pallidus*. Just 3 pairs of European Bee-eater *Merop apiaster* bred at Son Bosc this year and the largest House Martin *Delichon urbicum* colony was counted at Son Xigala with 292 occupied nests.

This year, at least 4 pairs of Savi's Warbler *Locustella luscinioides* bred at Albufera.

In Menorca, the largest House Martin *Delichon urbicum* colony was at Mercadal, with 75 occupied nests.

July. In Mallorca, three rarities: 2 Ruddy Shelduck *Tadorna ferruginea* at Maristany, a hybrid of Western Reef Egret and Little Egret *Egretta gularis* x *Egretta garzetta* at Prat de Alcúdia and a Western Olivaceous Warbler *Iduna opaca* at Albufera.

Also, of note, a maximum gathering of 290 Little Egret *Egretta garzetta* at Maristany.

On Espartar islet, 43 European Storm Petrel *Hydrobates pelagicus* chicks were ringed, this being possibly the largest colony in the Balearics.

In Formentera, a first breeding record of Common Blackbird *Turdus merula*.

August. In Mallorca, one rarity, a Great Black-backed Gull *Larus marinus* seen at Palma port.

On passage, a Red-throated Pipit *Anthus cervinus* was seen at Albufera.

September. In Mallorca, five rarities: two western Reef Egret and Little Egret *Egretta gularis* x *Egretta garzetta* hybrids seen at Albufereta and at Salobrar de Campos, a Pallid Harrier *Circus macrourus* also at Salobrar de Campos, a Pectoral Sandpiper *Calidris melanotos* at Prat de Sant Jordi, a Caspian Tern *Hydroprogne caspia* at Cap de ses Salines and an Eurasian Magpie *Pica pica* at Cala D'Or.

Of note, a maximum of 52 Grey Heron *Ardea cinerea* and 329 Yellow Wagtail *Motacilla flava*, both at Salobrar de Campos.

Seen on active migration south from Cap de Ses Salines: 285 Honey Buzzard *Pernis apivorus*, with 73 birds seen on just one day, 30 Black Kite *Milvus migrans*, a Short-toed Eagle *Circaetus gallicus*, 91 Western Marsh Harrier *Circus aeruginosus*, 3 Montagu's Harrier *Circus pygargus*, 4 Eurasian Sparrowhawk *Accipiter nisus*, 29 Common Kestrel *Falco tinnunculus*, 31 Eurasian Hobby *Falco subbuteo* and 548 European Bee-eater *Merops apiaster*.

On postnuptial migration, of note, one Eurasian Spoonbill *Platalea leucorodia* at Salobrar de Campos, 8 Lesser Kestrel *Falco naumanni* at Pla de Villafranca and a Marsh Sandpiper *Tringa stagnatilis* at Salobrar de Campos. At Cabrera, seen on migration south: 159 Honey Buzzard *Pernis apivorus*, 21 Western Marsh Harriers *Circus aeruginosus*, one Montagu's Harrier *Circus pygargus*, 15 Eurasian Sparrowhawk *Accipiter nisus*, a Common Buzzard *Buteo buteo*, 2 Booted Eagle *Aquila pennata*, 22 Lesser Kestrel *Falco tinnunculus* and 2 Merlin *Falco columbarius*. 5.000 Barn Swallow *Hirundo rustica* were also counted on just one day.

At Dragonera, 5 Common Buzzard *Buteo buteo* were seen on active migration.

In Menorca, a Short-toed Eagle *Circaetus gallicus* was seen on postnuptial passage.

In Formentera, a maximum of 245 Red-necked Grebe *Podiceps nigricollis* were present at Estany Pudent.

October. In Mallorca, five rarities: A Greater Scaup *Aythya marila* seen at Can Guidet irrigation reservoir, a Pallid Harrier *Circus macrourus* at Cap de Ses Salines, a Lesser Whitethroat *Sylvia curruca* at La Gola, up to 4 Yellow-browed Warbler *Phylloscopus inornatus* (Santueri and Portocolom) and a Common Rosefinch *Carpodacus erythrinus* at Cap de Ses Salines.

Of note, during the postnuptial passage, one Eurasian Spoonbill *Platalea leucorodia* at Albufera.

Seen on active migration south from Cap de Ses Salines: A Booted Eagle *Aquila pennata* and a Merlin *Falco columbarius*.

Also, of note, 300 Kentish Plover *Charadrius alexandrinus* at Salobrar de Campos.

At Cabrera, five rarities: 2 Lesser Whitethroats *Sylvia curruca*, 3 Yellow-browed Warbler *Phylloscopus inornatus*, a Common Rosefinch *Carpodacus erythrinus* and a Little Bunting *Emberiza pusilla*.

137 Booted Eagle *Aquila pennata* were seen on active migration south.

At Dragonera, on postnuptial passage, a Short-toed Eagle *Circaetus gallicus*.

In Menorca, two rarities, a Richard's Pipit *Anthus richardi* at Menorca airport and a Little Bunting *Emberiza pusilla* at Algaiarens.

Three maximum counts for the Balearics, 150 Little Grebe *Tachybaptus ruficollis*, 58 Great Crested Grebe *Podiceps cristatus* and 2.193 Common Coot *Fulica atra*, all at Albufera des Grau.

At Illa de l'Aire, two rarities, a Little Crake *Porzana pusilla* and a Greenish Warbler *Phylloscopus trochiloides*.

Of note, the prenuptial passage of 4 Iberian Chiffchaff *Phylloscopus ibericus*.

In Ibiza, a rarity, a hybrid Western Reef Egret and Little Egret *Egretta gularis* x *Egretta garzetta* at Sant Josep.

November. In Mallorca, six rarities were recorded: A Barnacle Goose *Branta leucopsis* at Maristany, a Red-flanked Bluetail *Tarsiger cyanurus* at Comuna de Bunyola, this being the first time this species has been recorded in the Balearics, a Siberian Chiffchaff *Phylloscopus collybita tristis* at Portocolom, a White-winged Snowfinch *Montifringilla nivalis* at Esclop peak, a Yellowhammer *Emberiza citrinella* al Clot d'Albarca and an Italian Sparrow *Passer italiae* at Cap de Ses Salines.

On postnuptial passage, a Merlin *Falco columbarius* was seen at Santa Ponça torrent and two more at Albufera.

At Cabrera, on postnuptial passage, of note was the largest flock of Common Crane *Grus grus* to be observed in the Balearics with 83 birds counted.

In Menorca, one rarity, one Eurasian Bullfinch *Pyrrhula pyrrhula* at Barranc de Son Fideu.

Of note, on postnuptial passage, a Merlin *Falco columbarius* at Menorca airport, 100 Eurasian Dotterel *Charadrius morinellus* at Punta Nati, a Red-throated Pipit *Anthus cervinus* at Sant Climent and a Pied Wagtail *Motacilla alba yarrellii* also at the airport.

December. In Mallorca, of note, a Red-breasted Merganser *Mergus serrator* at Els Escars (Ses Salines) and another at Es Caragol beach. A Hen Harrier *Circus cyaneus* was seen at Salobrar de Campos and another at Albufera.

Three Eurasian Spoonbill *Platalea leucorodia*, a scarce winterer, were seen at Salobrar de Campos.

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These published bird observations in the Balearics correspond to the year 2017, although previous year's record/s are included where justified. All of these records are a selection of observations from the archives of GOB Mallorca (GOB CitAu, ForumAus) and SOM Societat Ornitològica de Menorca. The archives from the Albufera des Grau Natural Park (Menorca) and the Balearic Wildlife Recovery Centre (COFIB) were also consulted. The following points have been considered:

— The present list of species follows the systematic order of the *Association of European records and the Taxonomic Assesors Commitee* (AERC-TAC) and incorporates the latest recommendations by the AERC-TAC. From this list 393 species and 25 subspecies are presented, of which record/s area available since 1950 (Categories A and C). Those species subjected to acceptance by the rarity committees of SEO/Birdlife or GOB also figure in more detail in the chapter titled "Rare birds in the Balearics in 2017".

— The following information is provided for each species:

Common name. *Scientific name*

Status. Selection guideline:

Island: locality, number of birds, date, observer commentaries.

Editor commentaries

— Symbols used in monthly tables:

* End/start dates,

() Isolated record/s,

+ Presence of birds, unknown quantity,

0 Zero, negative count result,

♀ Female and ♂ Male,

P Refers to number of chicks,

J Refers to number of juveniles.

- Grid without data

NP Natural Park

— The status in the Balearics is found in the annex I. The following concepts are used:

Breeding: reproductive population

Resident: present all year round.

Non-Breeding summer visitor: non-Breeding population present in spring and summer.

Wintering: present only during the winter.

Passage: present only during the pre-Breeding and/or post-Breeding migration.

Accidental: rare species far away from their normal range, migration route or wintering area (western Palearctic species)

Vagrant: species that appear that have exceeded the boundaries of their normal geographical range (Non-western Palearctic species)

Lack of information or ?: status unclear.

— The information on each species is grouped by islands; at each one the different record/s are ordered chronologically.

— The selection guideline of the records appears after the status of each species. The guideline used for the publication of the received observations is briefly specified. This is to inform the reader about what type of records have been published for each species.

— Confirmed Breeding record/s, first and last records of migrants, winterers, flocks of the same species, rare and scarce birds are published. For the latter, these are not published unless not accompanied by a good description of the bird and the conditions where it was observed. Certain nesting record/s are not published due to conservation motives.

— The records are published with their respective authors. When the number of authors is higher than three, only the first one is mentioned. The published observations should be recorded by author/authors, it is suggested that the following formula is used: AUTHOR/S. 2017. Novetats Ornitològiques 2017». A: López-Jurado, C. *et al.* AOB: vol. 32. GOB. Palma.

— In the case of species present in the Balearics of unknown natural origin, these are included in the complimentary list. Their original range is indicated.

— This report is illustrated by 6 field sketches of Ulf Meyer, a German ornithologist who spends a lot of time in Formentera.

SYSTEMATIC LIST OF OBSERVATIONS IN 2017

CATEGORIES A & C

Mute Swan *Cygnus olor**Status:* Accidental.*Selection:* all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Tundra Swan *Cygnus columbianus**Status:* Accidental.*Selection:* all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Whooper Swan *Cygnus Cygnus**Status:* Accidental.*Selection:* all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Greater White-fronted Goose *Anser albifrons**Status:* Accidental.*Selection:* all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Greylag Goose *Anser anser**Status:* Winters uncommon (Mallorca-Menorca) and rare (Ibiza-Formentera).*Selection:* Phenology.*Mallorca:* Albufera. Monthly maximums and extreme dates (VDE; RES).

Dates	18-I*	II	III	IV-V	VI	VII	VIII	IX	X	XI	11-XII*
Albufera	3	-	-	-	-	-	-	-	-	-	2

Lesser White-fronted Goose *Anser erythropus**Status:* Accidental.*Selection:* all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Barnacle Goose *Branta leucopsis**Status:* Accidental (Menorca-Ibiza).*Selection:* all records received.*Mallorca:* Prat d'Alcúdia. **1** bird at the Maristany area 21-XI.

For more information about this accepted record, see the report by the Balearic Rarities Committee.

Ruddy Shelduck *Tadorna ferruginea**Status:* Winters rare and Passage rare (Mallorca). Accidental (Menorca-Ibiza-Formentera).*Selection:* all records received.*Mallorca:* Prat d'Alcúdia. **2** birds in the Maristany area from 1 to 21-VII.

For more information about these accepted records, see the report by the Balearic Rarities Committee.

Common Shelduck *Tadorna tadorna*

Status: Breeding uncommon (Mallorca) and rare (Menorca-Ibiza-Formentera).
Winters common (Mallorca-Ibiza), uncommon (Menorca) and rare (Formentera).
Passage uncommon (Menorca-Ibiza-Formentera).

Selection: Breeding, phenology and monthly maximums.

Mallorca: Salobrar de Campos. Breeder. Monthly maximums (LOP, SUR, SLV; MUN; MAC; JMO).

Albufera. Observation of 9 occupied nests with chicks 22-V, 75 chicks and recently feathered juveniles 25-V (FAV). Monthly maximums (PNAM; MUN, MAC, HIN; ELK; TOM; FAV).

Albufereta, Pollença. Breeder. Monthly maximums (RNSA; VDE; LOP, MAC).

Dates	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
Salobrar	269	308	+	12	89, P	P	+	+	15	70	+	+
Albufera	139	+	+	12 P	75 P-J	70 P	+	+	11	+	100	+
Albufereta	9	2	+	1	-	-	-	-	-	-	-	2

Estany de se Sal, Colònia de Sant Jordi. 10 birds 15-I (LOP), 24 birds 20-II, 7 birds 30-IV and 2 birds 12-VI (MUN).

Inca irrigation reservoir. 2 birds 24-I (RES).

Pla de Vilafranca. 3 birds swimming in flooded fields 25 and 26-I (RIR, VDE, GUR, PAM; CAA, GRC).

Can Guidet irrigation reservoir, Palma. 8 birds 5-III (MUN). 7 birds 2 and 28-IV (SUA; MUN). 10 birds 11-VIII and 3 birds 1-XI (MUN).

Prat de Sant Jordi, Palma. 1 bird from 5 to 9-III (BRC; CAA, GRC). 1 bird on 15-X (VDE) 29-XI (VDE, PAM) and 27-XII (RIR, VDE).

Illot den Curt, Santanyí. 1 bird 12-V, probably nesting (MUN).

Estany des Ses Gambes, Santanyí. 20 adults and **16** small chicks 12-V, sixth year that they have bred (MUN).

Estany des Tamarell, Ses Salines. A minimum of 25 birds 12-V (MUN).

Prat d'Alcúdia. 2 birds at Maristany 11-VIII (ART, MUÑ) and 18-XI (TOM).

Menorca: Albufera des Grau, Mahon. Monthly maximums (PNAG; LIG, PIR).

Dates	I	II	III	IV	V	15-VI	VII	VIII	12-IX	X	29-XI	XII
Albufera	0	0	0	0	0	2	0	0	1	0	1	0

Addaia salt flats, Mercadal. Monthly maximums (PNAG).

Dates	I	14-II	16-III	12-IV	23-V	20-VI	21-VII	VIII	19-IX	X	28-XI	18-XII
Addaia	-	24	18	27	21+8P	7+32P	20	-	4	0	16	16

Port de Fornells, Mercadal. 1 bird 15-I (COL, PON, POS, CAE, CAM).

Mongofre salt flats, Mercadal. 1 pair with 8 chicks 24-V (LIG, PIR).

Son Saura del Nord, Mercadal. 3 birds 11-XII (LIG, PIR).

Formentera: Estany Pudent. Chicks observed from 30-IV to 21-VI (KLA). Monthly maximums (KLA; MEY).

Dates	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
Pudent	24	2	6	6 + P	4 + P	4 + P	4	5	5	5	18	4

Eurasian Wigeon *Anas penelope*

Status: Winters common (Mallorca-Menorca), uncommon (Ibiza) and rare (Formentera). Passage common (Mallorca-Menorca) and uncommon (Ibiza-Formentera).

Selection: Phenology and monthly maximums.

Mallorca: Albufera. Monthly maximums and extreme dates (PNAM; MUN; CAA; TOM).

Albufereta, Pollença. Monthly maximums (RNSA; MUN, VDE; ELK; TOM).

Dates	I	II	III	IV	V	VI	VII	VIII	IX	8** 25*X	XI	XII
Albufera	175	+	+	+	0	0	0	0	0	14*	50	110
Albufereta	130	50	-	-	0	0	0	0	0	12**	25	+

Salobrar de Campos. 23 birds 15-I (LOP), 20 birds 4-II (MUN) and 2 birds 29-XII (MMM).

Can Guidet irrigation reservoir, Palma. 6 birds 15-I (LOP). 6 birds 10-III (NIC). 1 bird 2-XI (LOP).

Prat de Sant Jordi, Palma. 4 birds 1-III (BRC).

Off shore, 13 nm south of Palma, 22 birds heading north 11-III (RES, MAC).

Prat d'Alcúdia. 1 bird at Maristany 30-XII (MUN).

Menorca: Albufera des Grau, Mahon. Monthly maximums (PNAG; LIG, PIR).

Dates	16-I	II	III	IV	V	VI	VII	VIII	12-30-IX	5-X	8-XI	4-XII
Albufera	243	99	17	0	0	0	0	0	6	4	4	31

Gadwall *Anas strepera*

Status: Breeding and common Resident (Mallorca) and uncommon (Menorca). Winters uncommon (Mallorca-Menorca-Ibiza) and rare (Formentera). Passage uncommon (Mallorca-Menorca) and rare (Ibiza-Formentera).

Selection: Breeding and Monthly maximums.

Mallorca: Albufera. 25 occupied nests with chicks 25-V (FAV). Monthly maximums (PNAM; JMO; TOM; ELK; FAV).

Albufereta, Pollença. Breeder. Monthly maximums (RNSA; VDE; JMO).

Prat d'Alcúdia. A breeding estimate of 2 pairs, Chicks observed from 7-V (LOP, HIN). Monthly maximums and extreme dates (MUN, MAC, HIN; LOP, SCH).

Can Guidet irrigation reservoir, Palma. Monthly maximums and extreme dates (MUN; SUA).

Dates	I	II	III	2**IV	V	VI	VII	VIII	16*IX	X	XI	XII
Albufera	381	+	2	+	P	+	+	+	6	8	8	+
Albufereta	170	4	+	+	+	+	+	+	-	-	+	70
Prat Alcúdia	4	+	2	4	4 +P	+	-	-	-	-	-	6
Can Guidet	0	-	10	1**	-	-	-	-	2*	-	-	-

Son Navata pools, Felanitx. 2 birds 6-I, 23-II and 1-III (JMO).

Salobrar de Campos. 1 bird 15-I (LOP).

Inca irrigation reservoir. 2 birds 24-I (RES).

Prat de Sant Jordi, Palma. 1 bird 17-III (VDE).

Menorca: Albufera des Grau, Mahon. Monthly maximums (PNAG).

Dates	16-I	16-II	14-III	7-IV	3-V	15-VI	4-VII	1-VIII	12-IX	5-X	8-XI	4-XII
Albufera	132	183	76	40	28	14+P	8	20	111	161	182	197

Addaia salt flats, Mercadal. Monthly maximums (PNAG).

Dates	I	II	16-III	12-IV	V	VI	VII	VIII	IX	X	XI	XII
Addaia	-	0	4	6	0	0	0	-	0	0	0	0

Formentera: Estany Pudent. Es Brolls area, 2 birds 1 and 3-XI (MEY).

Eurasian Teal *Anas crecca*

Status: Winters abundant (Mallorca), common (Menorca) and uncommon (Ibiza-Formentera). Passage common (Mallorca-Menorca) and uncommon (Ibiza-Formentera).

Selection: Phenology and monthly maximums.

Mallorca: Albufera. Monthly maximums, extreme dates with asterisk and sporadic records in brackets (PNAM; HIN; RES, RAD; ELK; TOM).
Albufereta, Pollença. Monthly maximums (RNSA; JMO).
Can Guidet irrigation reservoir, Palma. Monthly maximums (MUN).

Dates	I	II	5-III*	IV	21-V	8-VI	18-VII*	VIII	1-IX*	X	XI	XII
Albufera	1.463	+	+	+	(1)	(1 ♀)	4*	+	+	90	70	+
Albufereta	250	+	+	+	0	0	0	+	+	+	+	8
Can Guidet	9	+	44*	-	0	0	0	-	2*	+	9	5

Son Navata, Felanitx. 9 birds 6-I, 4 birds 23-II and 14 birds 1-III (JMO).

Santa Ponça Golf I, II and Ponent, Calvià. 19 birds 11-I (VDE) and 34 birds 3-II (RIR, VDE, PAM).

Mondrago Natural Park, Santanyí. 1 bird 14-I (VDE, PAM) and 1 bird 7-XII (AMG).

Prat d'Alcúdia. 2 birds 15-I (LOP).

Salobrar de Campos. 39 birds 15-I and 40 birds 20-II (MUN).

Prat de Sant Jordi, Palma. 80 birds 18-I (HIN) and 1 bird 29-XI (VDE, PAM).

Portocolom, Felanitx. 1 bird 1-IV (RAMM).

Cap de Ses Salines, Santanyí. 8 birds flying east over the sea 4-IX (JMO).

Menorca: Albufera des Grau, Mahon. Monthly maximums (PNAG).

Dates	16-I	16-II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
Albufera	78	13	0	0	0	0	0	0	0	0	0	0

Lluriach wetland, Mercadal. 1 bird 17-VI (LIG, PIR).

Son Saura del Nord, Mercadal. 2 birds 17-VIII and 15 birds 2-IX (LIG, PIR).

Addaia salt flats, Mercadal. 4 birds 28-XI and 3 birds 18-XII (PNAG).

Formentera: Estany Pudent. Es Brolls area, 1 juvenile 31-X (MEY).

Sant Francesc water treatment plant. Present from 9-X (4 birds) to 9-XII (6 F, 1 M) (KLA; MEY).



Northern Pintail *Anas acuta*, Albufera de Mallorca Natural Park, 24th of March 2017.
Photo: Patrick Moussa.

Mallard *Anas platyrhynchos*

Status: Breeding and common Resident (Mallorca-Menorca) and rare (Ibiza-Formentera). Winters abundant (Mallorca-Menorca), uncommon (Ibiza) and rare (Formentera). Passage abundant (Menorca) and uncommon (Ibiza-Formentera).

Selection: Breeding and Monthly maximums.

Mallorca: Albufera. Chicks observed from 29-IV (LOP). Monthly maximums (PNAM).

Albufereta, Pollença. Breeder. Monthly maximums (RNSA; TOM).

Prat d'Alcúdia. Chicks observed from 7-V (LOP, HIN). Monthly maximums (VDE; LOP, SCH; MUN, MAC, HIN; MUN).

Salobrar de Campos. Monthly maximums (RIR, VDE, PAM; JMO; MUN).

Can Guidet irrigation reservoir, Palma. Monthly maximums (MUN).

Dates	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
Albufera	1.854	+	+	P	P	+	+	+	+	+	+	+
Albufereta	195	+	+	+	+	+	+	+	40	+	+	+
Prat Alcúdia	45	6	20	14	4, P	J	+	+	+	+	+	18
Salobrar	301	2	+	+	+	+	+	+	122	250	+	+
Can Guidet	242	+	63	60	+	+	+	230	205	+	+	205

Son Navata pools, Felanitx. 155 birds 6-I, 95 birds 23-II and 65 birds 1-III (JMO).

Santa Ponça Golf I and Poniente, Calvià. 264 birds 9-I (VDE), 38 birds 3-II (RIR, VDE, PAM).

P.N. de Mondrago, Santanyí. 14 birds 14-I (VDE, PAM).

Estanys de se Sal, Colònia de Sant Jordi. 11 bird 15-I (MUN), 4 birds 13-II (RIR, VDE, PAM), 20 birds 14-VIII and 30 birds 6-IX (MUN).

Son Bauló torrent. 37 birds 15-I (RES).

Prat de Sant Jordi, Palma. 24 birds 16-I, 23 birds 26-II (RIR, VDE, PAM), 1 bird with 9 small chicks 1-III, a breeding estimate of 4 pairs (SUA). 8 birds 29-IV (MEL). 1 bird 30-IX, 10 birds 22-X and 5 birds 2-XI (LOP).

Golf de Son Gual, Palma. 31 bird 16-I (MUN).

Son Nuviet irrigation reservoir, Petra. 291 bird 16-I (CAA, GRC) and 39 adults with 3 chicks 12-V (VIA).

Estany de ses Gambes and Tamarells (Ses Salines and Santanyí). 132 birds 16-I (MUN).

Inca irrigation reservoir. 12 birds 24-I (RES).

La Gola, Pollença. 1 bird 1-II, 1 bird 12-IV and 35 birds 22-V. 1 female with 9 small chicks 17-VI (CTOG), 22 birds 28-VIII (GAS, CTOG) and 1 bird from 2-IX to 28-X (CTOG).

Sa Teulera de Selva. 6 birds 12-IV (VIA).

Estany des Tamarells, Ses Salines. 10 birds 12-V (MUN).

Estany des Ponts, Alcúdia. 15 birds 30-XII (MUN).

Menorca: Albufera des Grau, Mahon. Chicks observed from 3-V. Monthly maximums (PNAG).

Dates	16-I	16-II	14-III	7-IV	3-V	15-VI	4-VII	1-VIII	12-IX	5-X	8-XI	4-XII
Albufera	351	357	134	138	191+P	69+P	122	221	226	357	197	404

Addaia salt flats, Mercadal. Monthly maximums (PNAG).

Dates	I	14-II	16-III	12-IV	23-V	VI	VII	VIII	19-IX	13-X	28-XI	18-XII
Addaia	-	49	30	72+6P	29	0	0	-	9	39	2	10

Ibiza: Santa Eulària river. 1 female with 4 chicks 16-VI (VIA).

Formentera: Estany Pudent. 1 adult with 7 chicks 9-IV (KLA). One pair, the female a domestic duck hybrid, from 10 and 20 -X (KLA; MEY).

Northern Pintail *Anas acuta*

Status: Winters uncommon (Mallorca-Menorca-Ibiza) and rare (Formentera).

Passage uncommon (Ibiza-Formentera).

Selection: Phenology and monthly maximums.

Mallorca: Albufera. Monthly maximums and extreme dates (PNAM; MAC, LOP, PAM, HIN; TYS; VDE; BAZ; MUN).

Dates	I	II	III	2-IV*	V	VI	VII	VIII	IX	17-X*	XI	XII
Albufera	22	5	4	5*	0	0	0	0	-	2	+	25

Albufereta, Pollença. 7 birds 4-I (VDE). 5 birds 18-II (LOP, MAC), 4 birds 11-III (LOP, HIN), 2 birds 9-IV (MAC, HIN) and 5 birds 24-XII (LOP, MAC).

Can Guidet irrigation reservoir, Palma. 1 bird 13-I (NIC).

Salobrar de Campos. 18 birds 20-II. 13 birds 28-X (MUN) and 1 bird 23-XII (CAA, GRC).

S'Estalella, Lluçmajor. 1 bird 17-III (VDE).

Menorca: Albufera des Grau, Mahon. Monthly maximums (PNAG; LIG, PIR).

Dates	16-I	16-II	14-III	IV	V	VI	VII	VIII	IX	3-5-X	8-XI	4-XII
Albufera	5	2	2	0	0	0	0	0	0	3	3	2

Gargany *Anas querquedula*

Status: Winters rare (Mallorca). Passage common (Mallorca) and uncommon (Menorca-Ibiza-Formentera). Occasional breeder 2007 and 2008 (Mallorca).

Selection: Breeding, phenology and monthly maximums.

Mallorca: Albufera. Monthly maximums and extreme dates (PNAM; LOP, PAM; JMO; RIE, HIN, MAC, SCH).
Salobrar de Campos. New record for the Balearics with 250 birds 10-III (MMM). Monthly maximums and extreme dates (MMM; JMO).

Dates	I	II	10**12*III	III	IV	8**30*IV	V-VI	VII	VIII	IX	X	XI-XII
Albufera	0	-	5*	11	5	1*	0	0	-	-	-	0
Salobrar	0	-	250**	+	5	2**	0	0	-	-	-	0

Can Guidet irrigation reservoir, Palma. 9 birds 10-III (NIC).

Prat d'Alcúdia. Maristany area, 3 birds 11-III (LOP, HIN).

Prat de Sant Jordi, Palma. 17 birds 12-III (BRC) and 9 birds 18-III (BAZ).

Menorca: Albufera des Grau, Mahon. Monthly maximums (PNAG; SLV).

Dates	I	II	III	IV	V	VI	VII	VIII	12-26-IX	5-X	8-XI	4-XII
Albufera	0	0	5	0	0	0	0	0	1	2	2	2

Addaia salt flats, Mercadal. Monthly maximums (PNAG).

Dates	I	14-II	16-III	IV	V	VI	VII	VIII	IX	X	XI	XII
Addaia	-	0	2	0	0	0	0	-	0	0	0	0

Mongofre salt flats, Mercadal. 1 bird 12-IV (LIG, PIR).

Son Saura del Nord, Mercadal. 1 bird 2-IX (LIG, PIR).

Blue-winged Teal *Anas discors*

Status: Vagrant.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Northern Shoveler *Anas clypeata*

Status: Breeding rare (Mallorca). Winters abundant (Mallorca), common (Menorca), uncommon (Ibiza) and rare (Formentera). Passage common (Mallorca-Menorca) and uncommon (Ibiza-Formentera).

Selection: Breeding, phenology and monthly maximums.

Mallorca: Albufera. Courtship behaviour from 24-III (LOP). Monthly maximums (PNAM; JMO; ELK; FAV).
Albufereta, Pollença. Monthly maximums (RNSA; VDE; TOM; JMO).
Prat d'Alcúdia. Monthly maximums (MUN; LOP, HIN).
Salobrar de Campos. Monthly maximums (MUN; JMO; MMM).
Can Guidet irrigation reservoir, Palma. Monthly maximums (MUN; SUA).

Dates	I	II	III	2*IV	7*V	VI	VII	11*VIII	20*IX	X	XI	XII
Albufera	1167	+	>300	+	1	+	+	+	+	50	+	+
Albufereta	450	45	+	+	+	+	+	+	+	+	110	150
Prat Alcúdia	56	+	+	+	1*	0	0	-	-	-	+	36
Salobrar	93	70	+	-	0	0	0	-	1*	+	+	1
Can Guidet	64	+	49	1*	0	0	0	1*	31	+	+	10

Son Navata pools, Felanitx. 18 birds 6-I, 25 birds 23-II and 8 birds 1-III (JMO).

Santa Ponça Golf I, II and Ponent, Calvià. 18 birds 9-I (VDE). 19 birds 3-II (RIR, VDE, PAM).

Son Jordi irrigation reservoir, Son Servera. 40 birds 13-I (MUN).

Inca irrigation reservoir. 7 birds 24-I (RES).

Prat de Sant Jordi, Palma. 2 birds 27-XII (VDE).

Menorca: Albufera des Grau, Mahon. Monthly maximums (PNAG; LIG, PIR).

Dates	I	II	14-III	IV	V	15-VI	VII	VIII	3-IX	5-X	8-XI	4-XII
Albufera	195	59	61	43	0	1	0	0	25	101	135	192

Addaia salt flats, Mercadal. Monthly maximums (PNAG).

Dates	I	14-II	III	IV	V	VI	VII	VIII	IX	X	XI	18-XII
Addaia	-	10	0	0	0	0	0	-	0	0	0	2

Formentera: Prenuptial: last record, 3-VI (1 F) at La Savina (KLA).

Postnuptial: present from 4-X (2 birds), with a maximum of 15 birds (12 F, 3 M) 18-XII, both at the Sant Francesc water treatment plant (MEY; KLA).

Marbled Duck *Marmaronetta angustirostris*

Status: Breeding rare (Mallorca). Passage rare. Populational reinforcements from 2009 Albufera de Mallorca and 2014 at Ses Salines, Ibiza.

Selection: all records received.

Mallorca: Albufera. Breeder. Monthly maximums (PNAM; JMO; MUN, MAC, HIN; LOP, PAM; CAA).

Prat de Sant Jordi, Palma. Monthly maximums (BAZ; RIR, VDE, PAM; BRC).

Dates	I	II	III	16-III*	IV	V	VI	VII	VIII	19-X*	X	XI	XII
Albufera	6	+	5	+	2	16	-	-	-	4	+	10	-
Sant Jordi	4	4	4	1*	0	0	0	0	0	1*	-	-	8

Prat d'Alcúdia. Maristany area, 2 birds 24-VII (RES).

Salobrar de Campos. 2 birds 25-VII (RES, FRT).

Menorca: Albufera des Grau, Mahon. 1 bird 1-VIII (PNAG).

Red-crested Pochard *Netta rufina*

Status: Breeding and Resident uncommon (Mallorca-Menorca). Reintroduced in 1991 (Mallorca). Winters rare (Ibiza-Formentera). Passage rare (Ibiza).

Selection: Breeding and Monthly maximums from Mallorca; all records received from Menorca-Ibiza-Formentera.

Mallorca: Albufera. Breeder. Monthly maximums (PNAM; JMO; VIC; ELK; TOM). Albufereta, Pollença. Breeder. Monthly maximums (RNSA; MUN, MAC, HIN).

Prat d'Alcúdia. Breeder. Monthly maximums (RES; LOP, MAC; SCH; MUN, HIN).

Dates	I	II	III	IV	IV	7*V	VI-VII	VIII	IX	1-X	XI	30*XII
Albufera	139	+	2	1	+	+	+	+	+	1	42	15
Albufereta	10	-	-	-	-	-	-	-	-	-	-	-
Prat Alcúdia	37	8	6	5	2	2*	-	-	-	-	-	6*

Mondrago Natural Park, Santanyí. 1 bird 20-VII (AMG) and 6-VIII (FIO).

Can Guidet irrigation reservoir, Palma. 2 birds 11-VIII 16-IX (MUN).

Menorca: Albufera des Grau, Mahon. Monthly maximums (PNAG).

Dates	16-I	16-II	14-III	7-IV	3-V	15-VI	VII	VIII	12-IX	5-X	8-XI	4-XII
Albufera	53	6	13	17	13	3	0	0	3	5	14	65

Addaia salt flats, Mercadal. Monthly maximums (PNAG).

Dates	I	14-II	16-III	IV	V	VI	VII	VIII	IX	X	XI	XII
Addaia	-	0	2	0	0	0	0	-	0	0	0	0

Son Saura del Nord, Mercadal. 1 bird with 6 chicks 31-V (LIG, PIR).

Common Pochard *Aythya ferina*

Status: Breeding uncommon (Mallorca). Winters common (Mallorca-Menorca), uncommon (Ibiza) and rare (Formentera). Passage common (Menorca) and uncommon (Ibiza-Formentera). Occasional breeder 2008, 2013 (Menorca).

Selection: Breeding, monthly maximums and records of special interest.

Mallorca: Albufera. Chicks observed from 7-V (LOP, HIN). 30 occupied nests with chicks 25-V (FAV). Monthly maximums (PNAM; MUN; LOP; TOM).

Albufereta, Pollença. Breeder. Monthly maximums (RNSA).

Prat d'Alcúdia. Breeder. Monthly maximums (RES; LOP, MAC; SCH, HIN; MUN; TOM; ART, MUÑ).

Can Guidet irrigation reservoir, Palma. Monthly maximums (MUN; RES; SUA).

Dates	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
Albufera	98	+	+	+	23, P	+	+	+	+	+	+	21
Albufereta	14	-	-	-	-	-	-	-	-	-	-	-
Prat Alcúdia	215	34	5	9	20	+	+	+	+	+	111	166
Can Guidet	27	+	40	2	+	18	+	94	61	144	175	70

Son Navata, Felanitx. 6 birds 6-I and 23-I, 7 birds 1-III (JMO).

Santa Ponça Golf I, II and Poniente, Calvià. 4 birds 9-I (VDE) and 2 birds 3-II (RIR, VDE, PAM).

Son Jordi irrigation reservoir, Son Servera. 20 birds 13-I (MUN).

Son Nuviet irrigation reservoir, Petra. 8 birds 16-I (CAA, GRC).

Inca irrigation reservoir. 3 birds 24-I (RES).

Menorca: Albufera des Grau, Mahon. Monthly maximums (PNAG).

Dates	16-I	16-II	14-III	7-IV	3-V	15-VI	4-VII	1-VIII	12-IX	5-X	8-XI	4-XII
Albufera	527	507	23	14	21	11	7	13	98	192	436	352

Addaia salt flats, Mercadal. 1 bird 13-X (PNAG).

Formentera: Sant Francesc water treatment plant. 2 males 11-X (MEY).

Estany Pudent. Es Brolls area, 1 male 28-X to 3-XI (MEY).

Ring-necked Duck *Aythya collaris*

Status: accidental (Mallorca).

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Ferruginous Duck *Aythya nyroca*

Status: Breeding rare and Resident uncommon (Menorca). Winters rare (Mallorca-Menorca). Passage rare (Mallorca-Ibiza-Formentera).

Selection: all records received.

Mallorca: Son Navata pools, Felanitx. 1 bird 6 and 7-I (JMO; VIC). 1 bird 1-III (JMO).

Santa Ponça Golf I, II and Ponent, Calvià. 4 birds 9-I (VDE).

Son Quint Golf, Palma. 1 bird 9 and 26-I (MAC, LOP, VDE, PAM).

Santa Ponça Golfs, Calvià. 4 birds 11-I (VDE, MUN, PAM).

Son Jordi irrigation reservoir, Son Servera. 26 birds 13-I (MUN).

Son Nuviet irrigation reservoir, Petra. 1 bird 16-I (CAA, GRC).

Can Guidet irrigation reservoir, Palma. 26 birds 15-I (MUN), 1 bird 10-II (CAA, GRC), 2 birds 1-IX, 4 birds 16-IX and 1 bird 1-XI (MUN).

Maioris Golf, Lluçmajor. 1 bird 7-IX (MUN).

Albufera. 2 birds 24-IV (RES), 1 bird 28-IX (ELK) and 1 bird 2-XII (MON).

Prat d'Alcúdia. Maristany area, 2 birds 21-XI (MAC).

Menorca: Albufera des Grau, Mahon. Monthly maximums (PNAG).

Dates	16-I	II	III	IV	V	VI	VII	VIII	IX	5-X	8-XI	4-XII
Albufera	2	0	0	0	0	0	0	0	0	4	4	2

Son Parc, Mercadal. 1 bird with 10 chicks 31-V (LIG, PIR).

Tufted Duck *Aythya fuligula*

Status: Winters common (Mallorca), uncommon (Menorca) and rare (Ibiza).

Selection: phenology, monthly maximums and all record received from Ibiza.

Mallorca: Albufera. Monthly maximums and extreme dates (PNAM; MAC, HIN, MUN; TOM).

Prat d'Alcúdia. Monthly maximums (RES; CAA, GRC; MUN, MAC, HIN).

Dates	I	II	III	22*IV	V	VI	VII	VIII	IX	X	16*21**XI	XII
Albufera	4	+	+	2*	0	0	0	0	-	-	15*	+
Prat Alcúdia	15	11	+	2*	0	0	0	0	-	-	4**	12

Santa Ponça Golfs, Calvià. 2 birds 9-I (VDE) and 3-II (RIR, VDE, PAM).

Can Guidet irrigation reservoir, Palma. 4 birds 5-III (MUN).

Menorca: Albufera des Grau, Mahon. Monthly maximums (PNAG; SLV; LIG, PIR).

Dates	16-I	16-II	14-III	IV	V	VI	VII	1-30-VIII	IX	X	XI	4-25-XII
Albufera	9	2	2	0	0	0	0	1	0	0	0	10

Ibiza: Ses Salines, Sant Josep. 1 bird 16-IV (CAA, GRC).

Greater Scaup *Aythya marila*

Status: accidental.

Selection: all records received.

Mallorca: Can Guidet irrigation reservoir, Palma. **1** female from 30-X to 2-XI. For more information about this accepted record, see the report by the Balearic Rarities Committee.

Common Eider *Somateria mollissima*

Status: accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Long-tailed Duck *Clangula hyemalis*

Status: Accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Common Scoter *Melanitta nigra*

Status: Accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Velvet Scoter *Melanitta fusca*

Status: Accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Common Goldeneye *Bucephala clangula*

Status: Accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Red-breasted Merganser *Mergus serrator*

Status: Winters uncommon (Mallorca-Menorca) and rare (Ibiza-Formentera).

Selection: all records received.

Mallorca: Estany des Ponts, Alcúdia. 1 bird 6-I (MUN; MAC) and from 16 to 27-I (RES; VDE).
Albufera. 1 bird 13-I (ROG).
Prat d'Alcúdia. 1 bird 26-I (RES).
Ets Escars, Ses Salines. 1 bird 12-XII (GON).
Es Caragol beach, Santanyí. 1 bird 23-XII (PAM).

White-headed Duck *Oxyura leucocephala*

Status: Introduced to the Albufera de Mallorca in 1993, 95 and 04, breeding in 1996, 98, 99, 00 and 2001. Extinct from 2008. Accidental (Ibiza).

Selection: all records received. No sightings reported.

Common Quail *Coturnix coturnix*

Status: Breeding and common Resident (Menorca-Ibiza). Breeding common (Mallorca) and uncommon (Formentera). Passage common (Mallorca-Menorca-Ibiza) and uncommon (Formentera). Game bird.

Selection: Breeding and phenology.

Mallorca: prenupcial passage, first records, 1 singing male at Blanquer de Maria 9-III (RES), 1 bird at Campos 15-III (MAS) and 15 birds at Sa Barrala, Campos 30-III (BRC).

Postnuptial migration: last birds, 1 bird at Son Llebre, Calvià 22-IX (GON).

Menorca: Postnuptial migration: 1 adult ringed 14-IX at Pedreres Lithica, Ciutadella. (MII).

Illa de l'Aire: Sant Lluís. Prenupcial migration: first birds ringed on 27-IV (adult male) (GRI).

Red-legged Partridge *Alectoris rufa*

Status: Breeding and Resident abundant (Mallorca-Ibiza) and common (Menorca-Formentera). Game bird.

Selection: Breeding and records of special interest.

Mallorca: Son Hortolà, Calvià. Adult with 6 small chicks 31-V (LOP).

Common Pheasant *Phasianus colchicus*

Status: Breeding and Resident (Menorca), uncommon (Ibiza) and rare (Mallorca). Game bird.

Selection: Breeding.

Mallorca: Son Real, Santa Margalida. Calls heard from at least 3 birds within the estate 13-V (MUN).

Red-throated Loon *Gavia stellata*

Status: Accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Black-throated Loon *Gavia arctica*

Status: accidental.

Selection: all records received.

Mallorca: Port d'Andratx. **1** juvenile from 1 to 13-II.

For more information about this accepted record, see the report by the Balearic Rarities Committee.

Little Grebe *Tachybaptus ruficollis*

Status: Breeding and common resident (Mallorca), uncommon (Menorca) and rare (Ibiza). Winters uncommon (Mallorca-Ibiza) and common (Menorca). Passage common (Menorca), uncommon (Ibiza) and rare (Formentera). Insufficient information.

Selection: Breeding and records of special interest.

Mallorca: Albufera. Breeder. Monthly maximums (PNAM).

Prat d'Alcúdia. Juveniles observed from 27-V (LOP). Monthly maximums (VDE; LOP, MAC; SCH, HIN; MUN; TOM).

Can Guidet irrigation reservoir, Palma. Monthly maximums (MUN).

Dates	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
Albufera	50	+	+	+	+	+	+	+	+	+	+	+
Prat Alcúdia	29	1	8	25	14+J	+	+	+	0	0	12	+
Can Guidet	28	+	2	5	+	+	+	114	140	+	+	12

Artà water treatment plant. Possible second breeding record at this locality with the observation of **1** juvenile with a pair of adults during January (ART, MUÑ).

Son Navata pools, Felanitx. 9 birds 6-I (JMO).

Santa Ponça Golf I, II and Ponent, Calvià. 35 birds 9-I (VDE) and 6 birds 3-II (RIR, VDE, PAM).

Son Muntaner Golf, Palma. 20 birds 9-I (MAC, LOP, VDE, PAM).

Albufereta, Pollença. Present all year and breeder. 1 bird 13-I (RNSA), 2 birds 15-II (VDE) and 2 birds 21-XII (JMO).

Son Jordi irrigation reservoir, Son Servera. 20 birds 13-I (MUN).

Mondrago Natural Park, Santanyí, 1 bird 14-I (VDE, PAM) and 1 bird 7-XII (AMG).

Son Nuviet irrigation reservoir, Petra. 12 birds 16-I (CAA, GRC). 3 birds 12-V (VIA).

Inca irrigation reservoir. 5 birds 24-I (RES).
 Prat de Sant Jordi, Palma. 6 birds 29-I (MUN) and 7 birds 26-II (RIR, VDE, PAM).
 Son Quint Golf, Palma. 4 birds 1-II (VDE) and 9 birds 1-IX (MAC).
 Vilafranca quarry. A nest observed 12-V (VIA).
 Basses de Magalluf, Calvià. 5 birds 30-IX (NIC).

Menorca: Albufera des Grau, Mahon. Monthly maximums (PNAG).

Dates	16-I	16-II	14-III	7-IV	3-V	15-VI	4-VII	1-VIII	12-IX	5-X	8-XI	4-XII
Albufera	144	79	83	35	29	23+P	14	23	133	150	61	92

Addaia salt flats, Mercadal. 2 birds 18-XII (PNAG).

Formentera: Estany Pudent. Es Brolls area, 1 bird from 11 to 17-VIII (MEY; KLA).

Great Crested Grebe *Podiceps cristatus*

Status: Breeding and Resident rare (Mallorca) and uncommon (Menorca). Winters rare (Mallorca) and uncommon (Menorca). Passage rare (Mallorca-Ibiza).

Selection: all records received.

Mallorca: Estany des Ponts, Alcúdia. Monthly maximums and extreme dates (RES; LOP, MAC; ART, MUÑ; MUN).

Albufera. 2 occupied nests 22-V (FAV). Monthly maximums (ROG; MUN; ELK; FAV).

Prat d'Alcúdia. Breeder. Monthly maximums (ART, MUÑ; MAC, HIN; BAZ, RIR, VDE, PAM).

Dates	I	II	1*III	IV	V	VI	VII	VIII	IX	X	XI	XII
E. Ponts	8	3	4*	0	0	0	0	0	0	+	+	1
Albufera	4	+	+	+	2	+	+	+	1	+	+	+
Prat Alcúdia	4	+	2	2	1	+	1	+	0	0	+	+

Portocolom, Felanitx. 1 bird 7 and 8-I (LOP, RIR, GUT).

Santa Ponça Golf I, II and Ponent, Calvià. 1 bird 9-I (VDE).

Menorca: Albufera des Grau, Mahon. Monthly maximums (PNAG).

Dates	16-I	16-II	14-III	7-IV	3-V	15-VI	4-VII	1-VIII	12-IX	5-X	8-XI	4-XII
Albufera	6	6	13	10	16	28+P	27	41	53	58	35	24

Addaia salt flats, Mercadal. Monthly maximums (PNAG).

Dates	I	14-II	16-III	IV	V	VI	VII	VIII	IX	13-X	28-XI	18-XII
Addaia	-	4	2	0	0	0	0	-	0	3	5	4

Red-necked Grebe *Podiceps grisegena*

Status: Accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Horned Grebe *Podiceps auritus*

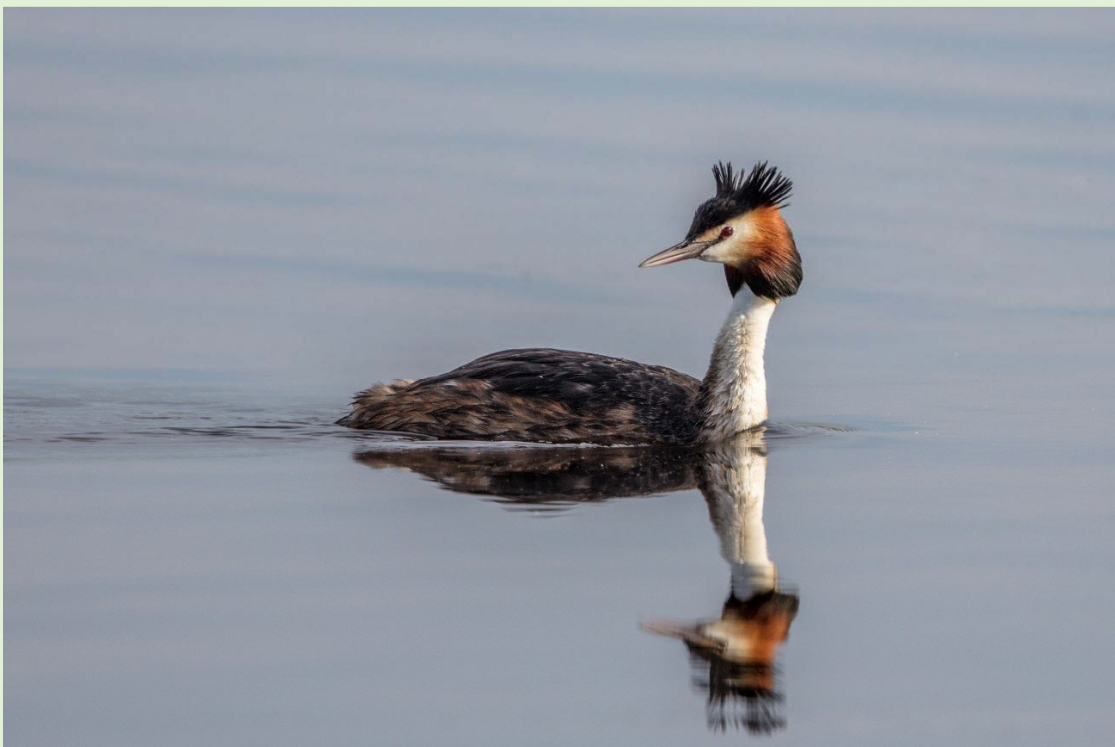
Status: Accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.



Little Grebe *Tachybaptus ruficollis*, Prat d'Alcúdia, 1st of April 2017.
Photo: Patrick Moussa



Great Crested Grebe *Podiceps cristatus*, Prat d'Alcúdia, 5th of April 2017.
Photo: Patrick Moussa.

Black-necked Grebe *Podiceps nigricollis*

Status: Non-breeding summer visitor rare (Formentera). Winters abundant (Formentera), common (Menorca) and uncommon (Mallorca-Ibiza). Passage common (Menorca) and uncommon (Mallorca-Ibiza).

Selection: Monthly maximums and phenology.

Mallorca: Can Guidet irrigation reservoir, Palma. A maximum of 76 birds 12-X (SUA). Monthly maximums (MUN; SUA; RES).
Es Salobrar de Campos. Monthly maximums and extreme dates (LOP; RIR, VDE, PAM; MUN; BAZ).
Prat d'Alcúdia. Monthly maximums (LOP, MAC; TOM; ART, MUÑ).

Dates	I	5**13*II	III	IV	V	VI	VII	VIII	19*IX	X	18*XII	XII
Can Guidet	59	+	39	15	-	5	-	6	36	76	46	52
Salobrar	6	3*	-	-	0	0	0	-	2*	4	1	+
Prat Alcúdia	0	1**	-	-	0	0	0	-	0	0	1*	1

Santa Ponça Golfs I, II and Ponent, Calvià. 7 birds 9-I (VDE), 3 birds 3-II (RIR, VDE, PAM).

Albufereta, Pollença. 1 bird 13-I (RNSA).

Son Jordi irrigation reservoir, Son Servera. 5 birds 13-I (MUN).

Salines de se Sal, Colònia de Sant Jordi. 3 birds 14-II (MAS, SUR) and 1 bird 15-X (BAZ, PAM).

Albufera. 1 bird 15-VII (RIR, VDE, PAM) and 2 birds 16-XI (TOM).

La Gola, Pollença. 1 juvenile 1-IX (FRS).

Menorca: Albufera des Grau, Mahon. Monthly maximums (PNAG).

Dates	I	II	III	IV	V	VI	VII	VIII	12-IX	5-X	8-XI	4-XII
Albufera	0	0	0	0	0	0	0	0	2	3	2	6

Es Grau, Mahon. 1 pareja 21-IX (SLV).

Addaia salt flats, Mercadal. 2 birds 28-XI and 18-XII (PNAG).

Formentera: Estany Pudent. A maximum of 245 birds 30-IX (KLA). Monthly maximums and extreme dates (KLA; MEY).

Dates	I	II	22-III*	IV	V-VI	VII	12-VII*	VIII	IX	X	XI	XII
Pudent	225	+	1	-	-	-	20	43	245	187	130	+

Cory's Shearwater *Calonectris diomedea*

Status: Breeding abundant (Menorca-Formentera) and common (Mallorca-Ibiza). Winters uncommon (Mallorca-Ibiza-Formentera).

Selection: Breeding, phenology and monthly maximums.

Mallorca: First records, 5-II (5 birds) a Cala Sant Vicenç, Pollença (MAC, LOP), 12-II (5 birds) Cap de Ses Salines, Santanyí (MAC, HIN, LOP) and a raft of 73 birds at Portocolom, Felanitx 19-II (MAS, SUR).
Cap de Cala Figuera, Calvià. First birds 5-III. Last records, 7-X with 23 birds (RAMM).
Punta de n'Amer, Sant Llorenç. More than 900 birds 8-III (RES).
Portocolom, Felanitx. 2.280 birds in flight heading south between 16:00 and 18:45 22-III (RES).
Cap Gros, Sóller. Last records, 4-XI with **2.303** birds passing during 3 h direction SW Portocolom, Felanitx (RAMM).
Wildlife recovery centre. **10** desoriented birds admitted: nine from Andratx from 20-X to 25-X and one from Calvià 25-X. All released back into the wild (COFIB).



Cory's Shearwater *Calonectris diomedea*, Cabrera Nacional Park, 8th of April 2017.
Photo: Daniel Hinckley.

Great Shearwater *Puffinus gravis*

Status: .

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Yelkouan Shearwater *Puffinus yelkouan*

Status: Breeding and Resident uncommon (Menorca). Winters rare (Mallorca-Ibiza-Formentera).

Selection: all records received.

Mallorca: Cap de Cala Figuera, Calvià. 1 bird 4-II and 2 birds 1-VII (RAMM).
Portocolom, Felanitx. 7 birds passing from 17:43 to 18:06 h 3-III (JMO). **14** birds 1-IV, 1 bird on 6-V and 3-VI and 3 birds 2-XII (RAMM).
Punta de n'Amer, Sant Llorenç. 9 birds 31-III (RES, MAC).

Balearic Shearwater *Puffinus mauretanicus*

Status: Breeding abundant (Ibiza-Formentera) and common (Mallorca).

Selection: Breeding, phenology and records of special interest.

Mallorca: Palma bay. From the Lluçmajor coast, 163 birds 23-I (VDE).
Cala Murada, Manacor. > 200 birds 8-II (RES, FRT).
Cap de Cala Figuera, Calvià. Last record, 20 birds 3-VI. First record, 131 birds passing during a 3 hour period heading west 5-XI (RAMM).
Cap Gros, Sóller. Last record, 10 birds 3-VI. First record, 3 birds 2-IX (RAMM).
Portocolom, Felanitx. A maximum of **4.570** birds from 16:00 to 18:45 hrs heading south, 22-III (RES). Last records, 10 birds 1-VII.



Balearic Shearwater *Puffinus mauretanicus*, Cabrera Nacional Park, 8th of April 2017.
Photo: Daniel Hinckley.

First records, 1 bird 2-IX and 289 birds passing during a 3 hour period heading southwest 7-X (RAMM).
Punta de n'Amer, Son Servera. Monthly maximums: > 1.500 birds with one leucistic bird 8-III and 1 bird 26-VIII (RES).
Off shore. 1 bird at 12.5 nm SE of Portocolom near the continental shelf 17-IX (SAMM) and 1 bird 6 nm S of Palma 24-IX (RES).
Wildlife recovery centre. 3 birds admitted due to various causes: two due to predation from Calvià 9 and 13-VI; and a juvenile due to inanition from Andratx 13-VII (COFIB).

Cabrera: 20 birds 8-IV (LOP, VRA). 1 bird 25-V (FAV). 4 birds 22-IX and 1 bird 23-IX (GORA). A feeding group of 156 birds 6-XII (VIC).

Sa Conillera: Sant Josep. 7 chicks ringed from 7 to 9-VI (GRC).

Illa des Bosc: Sant Josep. 5 chicks ringed from 8 to 11-VI (GRC).

S'Espartar: Sant Josep. 3 chicks ringed 8-VI (GRC).

European Storm Petrel *Hydrobates pelagicus*

Status: Breeding and Resident abundant (Ibiza), common (Mallorca), uncommon (Formentera). Breeding uncommon (Menorca). Information missing.

Selection: Breeding and phenology.

Mallorca: Portocolom, Felanitx. The first records, 2 birds 4-II, 1 bird 1-VII (RAMM). Last birds, 25-IX (VIC).
Off shore. 1 bird at 12.5 nm SE of Portocolom near the continental platform 17-IX (SAMM). 1 bird 6 nm south of Palma 24-IX (RES).
Wildlife recovery centre. 2 birds admitted due to various causes later released: one due to entering a ship 3-IX; and another a desorientated fledgling from Andratx 25-IX (COFIB).

S'Espartar: Sant Josep. 43 chicks ringed from 20-VII to 18-VIII, possibly the largest colony in the Balearics (CAR, MAR).

Leach's Storm Petrel *Oceanodroma leucorhoa*

Status: Accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Swinhoe's Storm Petrel *Oceanodroma monorhis*

Status: Vagrant.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Northern Gannet *Morus bassanus*

Status: Winters uncommon. Passage uncommon and rare (Ibiza).

Selection: phenology, monthly maximums and records of special interest.

Mallorca: Prenuptial: last records, 1 adult and 1 second year juvenile 8-IV (VIC) and 1 bird 1-IV (RAMM) both at Portocolom. 1 adult at Cap de Cala Figuera, Calvià 22-III (GON). A maximum of 19 birds passing during a 3 hour period at Cap de Cala Figuera, Calvià 4-II (RAMM), 9 birds passing during a 3 hour period off Portocolom 1-VII (RAMM).
Postnuptial: first records, 1 adult at Cap de Cala Figuera, Calvià 5-VIII (RAMM) and 1 bird at Portocolom 19-IX (VIC).

Cabrera: Wildlife recovery centre. 1 bird admitted due to heatstroke (COFIB). This bird is seen in May and rescued on 2-VIII (VIC).
Postnuptial: first records, 1 adult 10-X (VIC).

Great Cormorant *Phalacrocorax carbo*

Status: Passage abundant (Menorca), uncommon (Mallorca) and rare (Ibiza). Winters abundant (Menorca), common (Mallorca) and uncommon (Ibiza-Formentera).

Selection: Phenology and monthly maximums.

Mallorca: Albufera. Monthly maximums, extreme dates and sporadic records in brackets (PNAM; LOP, PAMM; MAC, TYS; RES; ELK).
Albufereta, Pollença. Monthly maximums, extreme dates (RNSA; VDE; LOP, HIN; TOM; MAC).

Dates	I	II	11*III	2*IV	V	VI	VII	VIII	IX
Albufera	299	+	>25	9*	(1)	(1)	(1)	0	0
Albufereta	25	74	2*	-	0	0	0	0	0

Dates	10*X	6*XII	XI	XII
Albufera	10*	+	> 05	+
Albufereta	-	2*	20	4

Estany des Ponts, Alcúdia. 200 birds 6-I (MAC), 12 birds 18-II (LOP, MAC) and 4 birds 11-III (LOP, HIN).
 Santa Ponça Golf, Calvià. 4 birds 9-I and 1 bird 3-II (RIR, VDE, PAM).
 Son Muntaner Golf, Palma. 2 birds 9-I (MAC, LOP, VDE, PAM).
 Prat d'Alcúdia. 126 birds 13-I (VIC), 2 birds 5-II (LOP, MAC), 2 birds 18-III (LOP, RIR, HIN, MAC) and 2 birds 1-IV (LOP).
 Salobrar de Campos. 2 birds 15-I (MUN), 5 birds 10-III (MMM) and 8 birds 9-XII (LOP).
 Prat de Sant Jordi, Palma. 6 birds 16-I (RIR, VDE, PAM).
 Cúber reservoir, Escorca. 1 bird 16-II, 2 birds 29-III (ALO) and 16 birds 17-XII (BAZ, PAM).
 Can Guidet irrigation reservoir, Palma. 2 birds 5-III and 2 birds 28-IV (MUN).
 Albercutx watch tower, Pollença. Seen on active migration north, 78 birds from 18-II to 6-IV. Daily maximums (GORA).

Dates	18-II	25-II	12-III	18-III	19-III	25-III	26-III	28-III	30-III
Albercutx	8	0	11	0	0	40	0	0	0

Dates	1-IV	2-IV	6-IV
Albercutx	0	0	19

Cap de Cala Figuera, Calvià. 1 bird 6-V (RAMM).
 Cap de Ses Salines, Santanyí. Observed on active migration south, 1 bird 8-X and 8 on 23-X (GORA).
Cabrera: 2 birds 15-IX (VIC). 2 birds 20 and 21-X (GEMI).
Menorca: Albufera des Grau, Mahon. Monthly maximums (PNAG; SLV, LIG, PIR).

Dates	16-I	16-II	14-III	7-IV	V	VI	VII	1-30-VIII	12-IX
Albufera	87	29	13	3	0	0	0	1	2

Dates	5-X	8-XI	4-XII
Albufera	11	18	59

Addaia salt flats, Mercadal. Monthly maximums (PNAG).

Dates	I	14-II	III	IV	V	VI	21-VII	VIII	19-IX
Addaia	-	3	0	0	0	0	5	-	5

Dates	X	28-XI	18-XII
Addaia	0	18	2

Formentera: Estany Pudent. Prenuptial: last record, 9-IV (3 birds) Postnuptial: first birds 6-XII (1 bird) (KLA).

European Shag *Phalacrocorax aristotelis*

Status: Breeding and Resident abundant (Menorca-Formentera), common (Mallorca-Ibiza).

Selection: Breeding and Monthly maximums.

Mallorca: Valencia channel. Lone individuals, 3 birds off shore 25-V (RAMM).

Cabrera: a flock of **127** birds 8-IV (MAC, LOP, MTN, *et al.*). Nest building observed from 9-XII (VIC).

Sa Dragonera: 10 birds 25-IV (MCM).

Sa Conillera: Sant Josep. 2 chicks ringed 13-IV (GRC).

Eurasian Bittern *Botaurus stellaris*

Status: Breeding and Resident rare (Mallorca). Passage rare (Mallorca-Ibiza-Formentera) and uncommon (Menorca).

Selection: all records received.

Menorca: Prat de Son Bou, Alaior. 1 bird 22-IV feeding among egrets (LIG, PIR).

Little Bittern *Ixobrychus minutus*

Status: Breeding uncommon (Mallorca). Winters rare (Mallorca). Passage uncommon and rare (Ibiza-Formentera). Occasional breeder 2011 and 2012 (Menorca). Information missing.

Selection: Breeding, phenology, records of interest and all records from Formentera.

Mallorca: Albufera. Breeder. Monthly maximums (PNAM; LOP, HIN; JMO; SOL; TOM; MAC, MTU; VIC).

Dates	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
Albufera	20	+	1	+	1	1	+	+	1	+	2	+

Albufereta, Pollença. 1 bird 13-I (RNSA) and 2 birds 11-XI (MAC, LOP).

Son Nuviet irrigation reservoir, Petra. 1 bird 16-I (CAA, GRC).

Es Saluet, Port d'Andratx. 2 birds 22-IV (BAZ).

Prat d'Alcúdia. 1 bird 24-IV (SOL).

Menorca: Illa del Rei, Mahon. 1 bird 5-IV (COL).

Albufera des Grau, Mahon. 1 adult male feeding, hidden among the reeds 18-IV (PER).

Black-crowned Night Heron *Nycticorax nycticorax*

Status: Breeding and Resident uncommon (Mallorca). Non-breeding summer visitor rare (Menorca). Passage common (Mallorca) and uncommon (Menorca-Ibiza-Formentera). Winters uncommon (Mallorca).

Selection: Breeding and phenology.

Mallorca: Albufera. Breeder. Monthly maximums (PNAM; JMO; MAC; ELK; TOM).

Albufereta, Pollença. Monthly maximums (RNSA; TOM).

Dates	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
Albufera	52	+	+	1	+	9	+	+	+	8	14	+
Albufereta	31	+	+	+	12	+	+	+	+	+	+	+

Son Navata pools, Felanitx. 10 birds 6-I (JMO).

Prat d'Alcúdia. 12 birds 30-V (TOM).

Prenuptial migration. S'Estalella, Lluçmajor. 9 birds 28-III (MMM).

Capdepera. 2 birds in the torrent 3-V (ART).

Es Fogueró irrigation reservoir, Palma. 1 bird 8-V (VIA).

Esporles. 1 bird 21-VI (MEL).

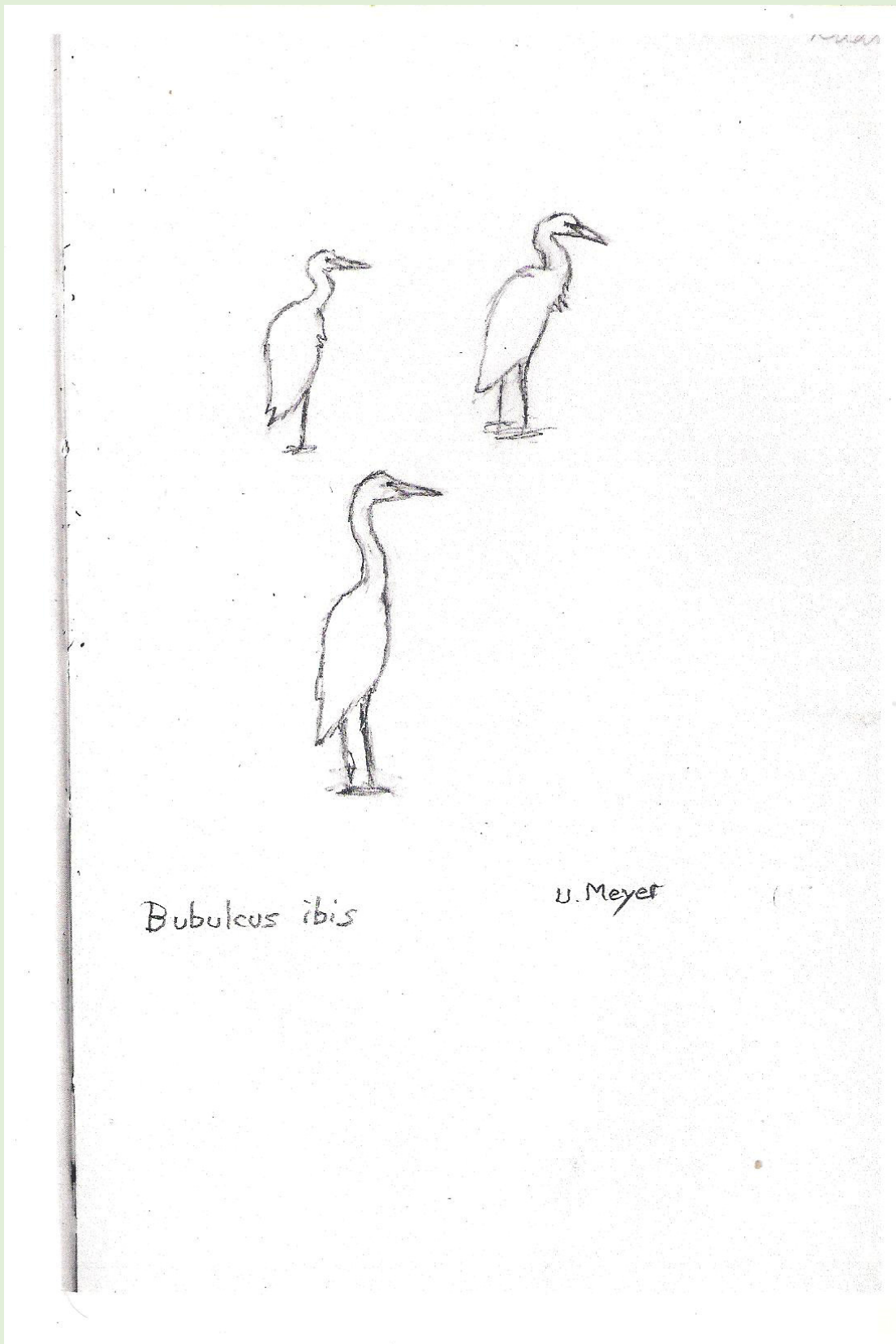
Postnuptial migration: Prat de Sant Jordi, Palma. 1 bird 19-IX (JMO).

Sa Dragonera: Prenuptial migration: 1 bird 29-III (JMO).

Menorca: Prat de Macarella, Ciutadella. 2 adult birds at a small pond with natural flowing water 30-V (VIA).

Son Saura del Nord, Mercadal. 1 bird 15- VII (LIG, PIR).

Sa Conillera: Sant Josep. Prenuptial migration: 7 birds 10-IV (CAA, GRC).



Squacco Heron *Ardeola ralloides*

Status: Breeding rare (Mallorca). Passage uncommon (Mallorca-Menorca-Ibiza) and rare (Formentera).

Selection: all records received.

Mallorca: Albufera. Breeder. Monthly maximums (SOL; MAC, HIN; BRC, TYS; FAV).

Dates	I	II-III	26-IV*	IV	V	VI	VII	VIII	IX	X	XI	XII
Albufera	0	0	1	2	3	+	+	+	-	-	0	0

Prenuptial migration:

Prat de Sant Jordi, Palma. 3 birds 28-IV (RES) and 1 bird 12-V (ART, MUÑ).

Vilafranca quarry. 1 bird 12-V (VIA).

Prat d'Alcúdia. 1 bird 30-V (TOM).

Postnuptial migration:

La Gola, Pollença. 2 birds from 1 to 11-VIII (FIO, CTOG).

Cap de Cala Figuera, Calvià. 1 bird 2-IX (RAMM).

Menorca: Albufera des Grau, Mahon. Monthly maximums (PNAG; LIG, PIR).

Dates	I	II	III	19-IV	3-V	15-VI	16-VII	1-VIII	IX	X	XI	XII
Albufera	0	0	0	2	1	1	2	1	0	0	0	0

Formentera: Prenuptial: 1 bird at canalet de la Sabina 29-IV (KLA).

Cattle Egret *Bubulcus ibis*

Status: Breeding and common Resident (Mallorca) and uncommon (Menorca). Winters common (Mallorca-Menorca) and uncommon (Ibiza-Formentera). Passage common (Mallorca-Menorca) and uncommon (Ibiza-Formentera). Occasional breeder to 1997 (Formentera).

Selection: Breeding, monthly maximums and all records from Formentera.

Mallorca: Albufera. Breeder. Monthly maximums (PNAM; TOM).

Prat de Sant Jordi, Palma. A maximum of **426** birds 16-I (RIR, VDE, PAM) and 400 birds 22-X (VDE). Monthly maximums (RIR, VDE, PAM; TOM; JMO).

Dates	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
Albufera	225	+	+	+	+	+	+	+	30	+	+	+
Prat S.Jordi	426	287	+	-	-	-	-	250	15	400	+	130

Albufereta, Pollença. 158 birds 13-I (RNSA) and 26 birds 30-IX (TOM).

Binissalem water treatment plant. 232 birds 18-I (VIC, SEB).

Son Navata pools, Felanitx. 137 birds 6-I (JMO).

Son Ripoll, Palma. 313 birds 13-I (PAM, MAC, GDE, VDE, LOP).

Selva irrigation reservoir. 254 birds 13-I (AMB, CCC).

Son Nuviet irrigation reservoir, Petra. 181 bird 16-I (CAA, GRC) and 7 birds 12-V (VIA).

Porreres water treatment plant. 136 birds 19-I (MMA, TYS).

La Gola, Pollença. 2 birds 18-IV and 4 birds 20-XI (FIO, CTOG).

Cabrera: 11 birds arriving from the south of the sea 8-IV (LOP, MTN, *et al.*).

Sa Dragonera: 2 birds at an Audouin's Gull colony 17-V (MAC).

Illa d'Alcanada: Alcúdia. 1 bird 5-VIII (ALO).

Formentera: Can Parra. 3 birds on 27-II, 31-III and 11-XII (KLA).

Sant Francesc water treatment plant. 1 bird 16-X (MEY).

Estany des Peix. 8 birds 10-IX and 2 birds 12-XI (KLA).

Estany Pudent. 4 birds 12-XII (KLA).

Western Reef Heron *Egretta gularis**Status:* accidental (Mallorca).*Selection:* all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Western Reef Heron x Little Egret hybrid *Egretta gularis x E. garzetta**Status:* accidental (Mallorca).*Selection:* all records received.

Mallorca: Salobrar de Campos. **1** bird 20-II and 26-IX.
 Albufera. **1** bird from 20-V to 14-VI.
 Prat d'Alcúdia. **1** bird 21-VII.
 Albufereta, Pollença. **1** bird from 5 to 11-IX.

Ibiza: Sant Josep. **1** bird 11-X.

For more information about this accepted record, see the report by the Balearic Rarities Committee.

Little Egret *Egretta garzetta*

Status: Breeding uncommon (Mallorca). Non-breeding summer visitor uncommon (Menorca-Formentera). Winters common (Mallorca-Menorca) and uncommon (Ibiza-Formentera). Passage common.

Selection: Breeding, phenology and monthly maximums.

Mallorca: Albufera. Breeder. Monthly maximums (PNAM; VDE; TOM).
 Albufereta, Pollença. A maximum of 208 birds 6-IX (VDE, PAM).
 Monthly maximums (RNSA; VDE; TOM; LOP, MAC).
 Prat d'Alcúdia. Maristany area, a maximum of **290** birds 14-VII coinciding with a low water level (MOU). Monthly maximums (VIC; LOP; MOU; ART, MUÑ).
 Salobrar de Campos. Monthly maximums and extreme dates with asterisk (GON, BON; MAS, SUR; MUN; LOPj, SUR, MAC, SLV; BAZ, PAM).

Dates	I	II	III	IV	1*V	VI	VII	9*VIII	IX	X	XI	XII
Albufera	50	+	30	+	+	+	+	+	50	+	+	+
Albufereta	14	3	+	+	30	+	+	+	208	+	14	3
Prat Alcúdia	2	+	+	+	2	+	290	225	0	0	-	-
Salobrar	10	+	+	15	4*	0	-	2*	25	5	4	5

Prat de Sant Jordi, Palma. 4 birds 16-I (RIR, VDE, PAM), 10 birds 26-II (RIR, VDE, PAM).

Son Navata pools, Felantix. 4 birds 6-I (JMO).

Prenuptial migration:

Cap Roig, Lluçmajor. 9 birds resting 15-III (GON).

S'Estalella, Lluçmajor. 7 birds 26-III (RIR, VDE, PAM).

La Gola, Pollença. A maximum of 3 birds 8-V (FIO, CTOG).

Estany des Tamarell, Ses Salines. 1 bird 12-V (MUN).

Postnuptial migration:

Cap de Cala Figuera, Calvià. 12 birds 2-IX (RAMM).

Cap Gros, Sóller. 20 birds in four groups, flying SW over the sea 2-IX (RAMM).

La Gola, Pollença, A maximum of 2 birds 15-IX (FIO, CTOG).

Cap de Ses Salines, Santanyí. Observed on active migration south, 12 birds a day 17-IX (GORA).

Golf de Ponent, Calvià. 4 birds 22-IX (GON).

Prat de Sant Jordi, Palma. 1 bird 30-IX, 1-X and 2-XI (LOP).

Cabrera: Postnuptial: 5 birds in flight 17-VIII, 32 birds in flight SE 16-IX and 17 birds resting on the port breakwater 27-IX (VIC).
Illa des Conills. 1 bird 13-VIII (SAL).

Sa Dragonera: 1 bird 21-II (ALO).

Menorca: Albufera des Grau, Mahon. Monthly maximums (PNAG).

Dates	16-I	16-II	14-III	7-IV	3-V	15-VI	4-VII	1-VIII	12-IX	5-X	8-XI	4-XII
Albufera	2	1	4	12	11	2	6	18	72	48	12	7

Addaia salt flats, Mercadal. Monthly maximums (PNAG).

Dates	I	14-II	16-III	12-IV	V	VI	VII	VIII	19-IX	13-X	28-XI	18-XII
Addaia	-	2	3	11	0	0	0	-	10	2	24	3

Prat de Son Bou, Alaior. 1 pair copulating 22-IV (LIG, PIR).

Mongofre salt flats, Mercadal. 40 birds overflying the area together with a group of *Tadorna tadorna* 11-VIII (SLV).

Formentera: Estanys Pudent and Estany des Peix. A maximum of 17 birds at the Es Brolls area sheltering from the wind 10-IX (KLA). Monthly maximums and extreme dates (KLA; MEY).

Dates	I	II	III	9-IV*	V	VI	VII	29-VIII*	IX	X	XI	XII
Estanys	6	+	2	1	0	0	0	1	17	2	2	2

Great Egret *Egretta alba*

Status: Non-breeding summer visitor rare (Mallorca). Winters rare (Mallorca) and uncommon (Menorca). Passage uncommon (Mallorca) and rare (Ibiza-Formentera).

Selection: Phenology and monthly maximums.

Mallorca: Albufera. Monthly maximums and extreme dates (PNAM; HIN; ELK).
Albufereta, Pollença. Monthly maximums (RNSA; VDE; LOP, HIN; TOM; MAC, LOP; JMO).
Salobrar de Campos. Monthly maximums (MMM; MUN; JMO; MAS, SUR; LOP).

Dates	I	II	16*III	13*IV	7*V	VI	VII	VIII	11*20**28***IX	X	XI	XII
Albufera	7	+	+	1*	0	0	0	0	1***	1	+	+
Albufereta	6	2	2	1	1*	0	0	0	1*	+	7	4
Salobrar	1	1	1*	0	0	0	0	0	2**	1	4	4

Estany des Ponts, Alcúdia. 4 birds 6-I (MAC; RES), 1 bird 18-II (LOP, MAC) and 11-III (LOP, HIN).

Prat de Sant Jordi, Palma. 1 bird 26-II (RIR, VDE, PAM).

Cap de Ses Salines, Santanyí. Observed on active migration south, 1 bird 17-IX another bird 21-X (GORA).

Menorca: Albufera des Grau, Mahon. Monthly maximums (PNAG).

Dates	16-I	16-II	14-III	IV	3-V	15-VI	VII	VIII	IX	X	8-XI	4-XII
Albufera	2	1	2	0	2	1	0	0	0	0	2	2

Addaia salt flats, Mercadal. Monthly maximums (PNAG).

Dates	I	14-II	III	IV	V	VI	VII	VIII	IX	X	28-XI	XII
Addaia	-	1	0	0	0	0	0	-	0	0	1	0

De la Concepció salt flats, Mercadal. 1 bird 15-I (COL, PON, POS, CAE, CAM).

Mongofre. 1 bird 28-IX (RIC, SLV).

Ibiza: Ses Salines, Sant Josep. 4 birds 11-X (BAZ).

Fomentera: Estany Pudent. 1 bird at the Es Brolls area 27-X (MAY).

Grey Heron *Ardea cinerea*

Status: Non-breeding summer visitor, rare (Mallorca) and uncommon (Menorca). Winters common (Mallorca-Menorca-Ibiza) and rare (Formentera). Passage common. Bred in 1990 and 91 (Mallorca).

Selection: Phenology and monthly maximums.

Mallorca: Albufera. Monthly maximums (PNAM; LOP; ELK).

Albufereta, Pollença. Monthly maximums and extreme dates (RNSA; VDE; LOP, HIN; MCM; TOM; ELK).

Salobrar de Campos. A maximum of **52** birds 17-IX (JMO). Monthly maximums (RIR, VDE, PAM; JMO; RES; MAS, SUR; LOP).

Dates	I	II	III	23*28**IV	V	VI	VII-VIII	3*11**IX	IX	X	XI	XII
Albufera	30	+	+	+	1	+	+	+	+	3	+	+
Albufereta	14	4	6	2*	-	-	-	15**	+	4	7	14
Salobrar	7	3	+	3**	-	0	-	20*	52	3	2	4

Santa Ponça Golfs I, II and Ponent, Calvià. 5 birds 9-I (RIR, VDE, PAM) and 3 birds 3-II (RIR, VDE, PAM).

Estanys de se Sal, Colònia de Sant Jordi. 1 bird 15-I (MUN) and 2 birds 13-II (RIR, VDE, PAM).

Palma port. Moll Vell area, 4 birds 20-I and 1 bird 5-III (MUN).

Prenuptial migration

Puntiro Golf, Palma. 15 birds in flight at height 10-III (HIN).

Es Carril, Lluçmajor. 4 birds in flight heading north 16-III (GON).

Albercutx watch tower, Pollença. Seen on active migration heading north, 1 bird 9-IV (GORA).

Can Guidet irrigation reservoir, Palma. 1 bird 28-IV (MUN).

Cap de Cala Figuera, Calvià. 1 bird 6-V (RAMM).

Portocolom, Felanitx. 1 bird 6-V. Postnuptial: 1 bird 7-X (RAMM).

Postnuptial migration:

Cap de Cala Figuera, Calvià. 2 birds 2-IX (RAMM).

Cap Gros, Sóller. Postnuptial: 4 birds in flight SW over the sea 2-IX (RAMM).

Cúber reservoir, Escorca. 1 bird 3-IX (MUN).

Cap de Ses Salines, Santanyí. Observed on active migration south, **27** birds from 2-IX to 24-IX. Daily maximums (GORA).

Dates	2-IX	3-IX	4-IX	6-IX	7-IX	8-IX	10-IX	11-IX	12-IX	13-IX
Cap Salines	5	0	16	0	0	0	1	0	0	0

Dates	14-IX	17-IX	18-IX	19-IX	20-IX	23-IX	24-IX
Cap Salines	0	0	0	4	0	0	1

Portocolom, Felanitx. 1 bird en vol to S 22-IX (JMO). 1 bird 7-X (RAMM).

Salobrar de Campos. to ocaso 2 birds salieron volando hacia S 19-XI (LOP, SUR, MAC, SLV).

Magaluf ponds, Calvià. 1 bird 30-IX (NIC).

Wintering: Cúber reservoir, Escorca. 1 bird 17-XII (BAZ, PAM).

Can Guidet irrigation reservoir, Palma. 1 bird 20-XII (MUN).

Son Real, Santa Margalida. 2 birds 26-XII (VDE, PAM).

Cabrera: Postnuptial: 1 bird 12 and 13-VIII (VIC; SAL). 2 birds 22-IX, 7 birds in flight heading south 24-IX (GORA), 27 birds 25-IX (VIC), 1 bird 19 and 20-X (GEMI).

Menorca: Albufera des Grau, Mahon. Monthly maximums (PNAG).

Dates	16-I	16-II	14-III	7-IV	3-V	VI	4-VII	1-VIII	12-IX	5-X	8-XI	4-XII
Albufera	4	4	9	2	4	0	2	4	3	5	6	5

Addaia salt flats, Mercadal. Monthly maximums (PNAG).

Dates	I	II	III	12-IV	23-V	20-VI	21-VII	VIII	19-IX	13-X	28-XI	18-XII
Addaia	-	0	0	2	3	3	3	-	4	2	3	2

Son Saura del Nord, Mercadal. 20 birds 2-IX (LIG, PIR).

Ibiza: Airport, Sant Josep. 1 bird 17-VI (VIA).

Formentera: Estany Pudent, Estany des Peix and Estanyets. A maximum of 13 6-X (KLA). Monthly maximums and extreme dates (KLA; MEY).

Dates	I	II	4-III*	IV	V	VI	VII	1-VIII*	IX	X	XI	XII
Estanyets	1	+	1	-	-	-	-	4	7	13	5	4

Can Parra. 1 bird en vol 21-III (KLA).

Purple Heron *Ardea purpurea*

Status: Breeding common (Mallorca) and rare (Menorca). Passage common (Mallorca) and uncommon (Menorca-Ibiza-Formentera).

Selection: Breeding and phenology.

Mallorca: Albufera. Breeder. Monthly maximums (RES; MAC).

Albufereta, Pollença. Monthly maximums (LOP; MCM; TOM; BAZ, RIR, VDE, PAM).

Prat d'Alcúdia. Maristany area, monthly maximums (MUN, MAC, HIN; TOM; RIR, VDE, PAM).

Dates	I	II	21-III*	14*22*IV	V	VI	VII	VIII	11*IX	X	XI	XII
Albufera	0	0	1	1	+	+	+	+	+	+	0	0
Albufereta	0	0	-	1*	8	+	1	+	3*	-	0	0
Maristany	0	0	-	1**	10	+	2	+	0	0	0	0

Prat de Sant Jordi, Palma. 2 birds 5-IV (BRC), 1 bird 28 and 29-IV (RES; VDE, PAM). 1 bird 19-IX (BAZ, PAM).

La Gola, Pollença. 1 bird in flight heading north 7-IV. 1 juvenile from 14-IX to 4-X (FIO, CTOG).

Albercutx watch tower, Pollença. Seen on active migration heading north, 2 birds 9-IV (GORA).

Salobrar de Campos. 1 bird 10-IV and 2 birds 26-V (MMM).

Magaluf ponds, Calvià. 1 bird 20-IV (SOL).

Menorca: Albufera des Grau, Mahon. Monthly maximums (PNAG).

Dates	I	II	III	IV	V	VI	VII	1-VIII	IX	X	8-XI	4-XII
Albufera	0	0	0	0	6	0	2	1	0	0	1	1

Es Grau, Mahon. 1 bird 27-III (SLV).



Black-winged Stilt *Himantopus himantopus* and Glossy Ibis *Plegadis falcinellus* (right),
Albufera de Mallorca Natural Park, 20th of March 2017.
Photo: Patrick Moussa.

Black Stork *Ciconia nigra*

Status: Passage rare.

Selection: all records received.

Mallorca: Prenuptial migration: Albercutx watch tower and Formentor, Pollença.
Seen on active migration heading north, **3** birds 7-V (GORA; TOM).

White Stork *Ciconia ciconia*

Status: Winters uncommon (Menorca) and rare (Mallorca-Ibiza). Passage uncommon (Menorca-Formentera) and rare (Mallorca-Ibiza).

Selection: all records received.

Mallorca: Wintering: 1 bird from 1-I to 26-II at Camí de Muntanya, Palma (RIR, VDE, GUR, PAM; MAC, LOP).

Prenuptial migration: Binissalem. **3** birds 16 and 17-III (AVA).

Prat de Sant Jordi, Palma. 1 bird 25 and 30-V (HIN; RAO).

Palma airport. 1 bird 24-VI (MAC).

Postnuptial migration: Prat de Sant Jordi, Palma. 1 bird 8-VII (TRR).

Cabrera: 1 bird circling over the bay 13-VIII (VIC).

Menorca: Son Saura del Nord, Mercadal. 1 bird 2-IX (LIG, PIR).

Lluriach wetland, Mercadal. 1 bird 8 and 31-XII (COL).

Glossy Ibis *Plegadis falcinellus*

Status: Winters rare (Mallorca-Menorca). Passage rare.

Selection: all records received. Occasional breeder 2016 (Mallorca).

Mallorca: Albufera. Breeder. 3 adults and second year juveniles at the breeding area 22-V (FAV). Monthly maximums, extreme dates with asterisk (MAC, BAZ, HIN; TOM; RES; FAV).

Salobrar de Campos. Monthly maximums (MUN; MAS, SUR; MMM; LOP).

Dates	I	II	19*III	29*IV	12*V	VI	VII	VIII	19*IX	5*X	XI	6-12-XII
Albufera	0	0	1*	6	4	+	+	+	9	1*	0	0
Solobrar	0	0	-	1*	1*	-	-	-	1*	0	0	2 Ad, 1 J

Portocolom, Felanitx. 34 birds 27-IV (VIC).

Prat de Sant Jordi, Palma. Prenuptial: **57** birds 29-IV (BAZ; MEL), 16 birds 1-V (LOP). Postnuptial: 1 bird 10-IX (BAZ, VDE, PAM) and 4-X (BAZ).

Estany des Tamarells, Ses Salines. 5 birds 12-V (MUN).

Prat d'Alcúdia. Maristany area, 1 bird 22-VIII (BAZ).

Menorca: Lluriach wetland, Mercadal. 1 bird 31-V. 1 bird with leucism on its neck 2-VII (LIG, PIR).

Albufera des Grau, Mahon. 4 birds 6-VIII (LIG, PIR). 1 bird 4-XII (PNAG).

Eurasian Spoonbill *Platalea leucorodia*

Status: Winters rare (Mallorca-Menorca). Passage rare (Mallorca-Menorca-Ibiza).

Selection: all records received.

Mallorca: Salobrar de Campos. 1 bird 19-V (MMM). 1 bird from 14 to 19-IX (BAZ, PAM; JMO; MUN).

Albufera. 1 bird 21 and 22-V (MAC, RIR, VDE, PAM, HIN, TYS; SOL). 1 bird 5-X (RES).

Wintering: **2** adults and **1** juvenile 6 and 9-XII (LOP).

Menorca: Mongofre salt flats, Mercadal. 1 bird with plastic ring number (J552) 7-III (SLV), this bird was ringed as a chick in the nest at Tengelic, Tolna provence (Hungry), on the 20-VI-2012.

Addaia salt flats, Mercadal. 1 bird 16-III (PNAG).

Albufera des Grau, Mahon. 1 bird 12-IX (PNAG) and 26-IX (LIG, PIR).
Son Saura del Nord, Mercadal. 1 bird 11-XI (LIG, PIR).

African Spoonbill *Platalea alba*

Status: Vagrant.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Greater Flamingo *Phoenicopterus roseus*

Status: Non-breeding summer visitor common (Ibiza). Winters uncommon (Mallorca-Menorca-Ibiza). Passage common (Mallorca-Ibiza) and uncommon (Menorca-Formentera).

Selection: Phenology and monthly maximums.

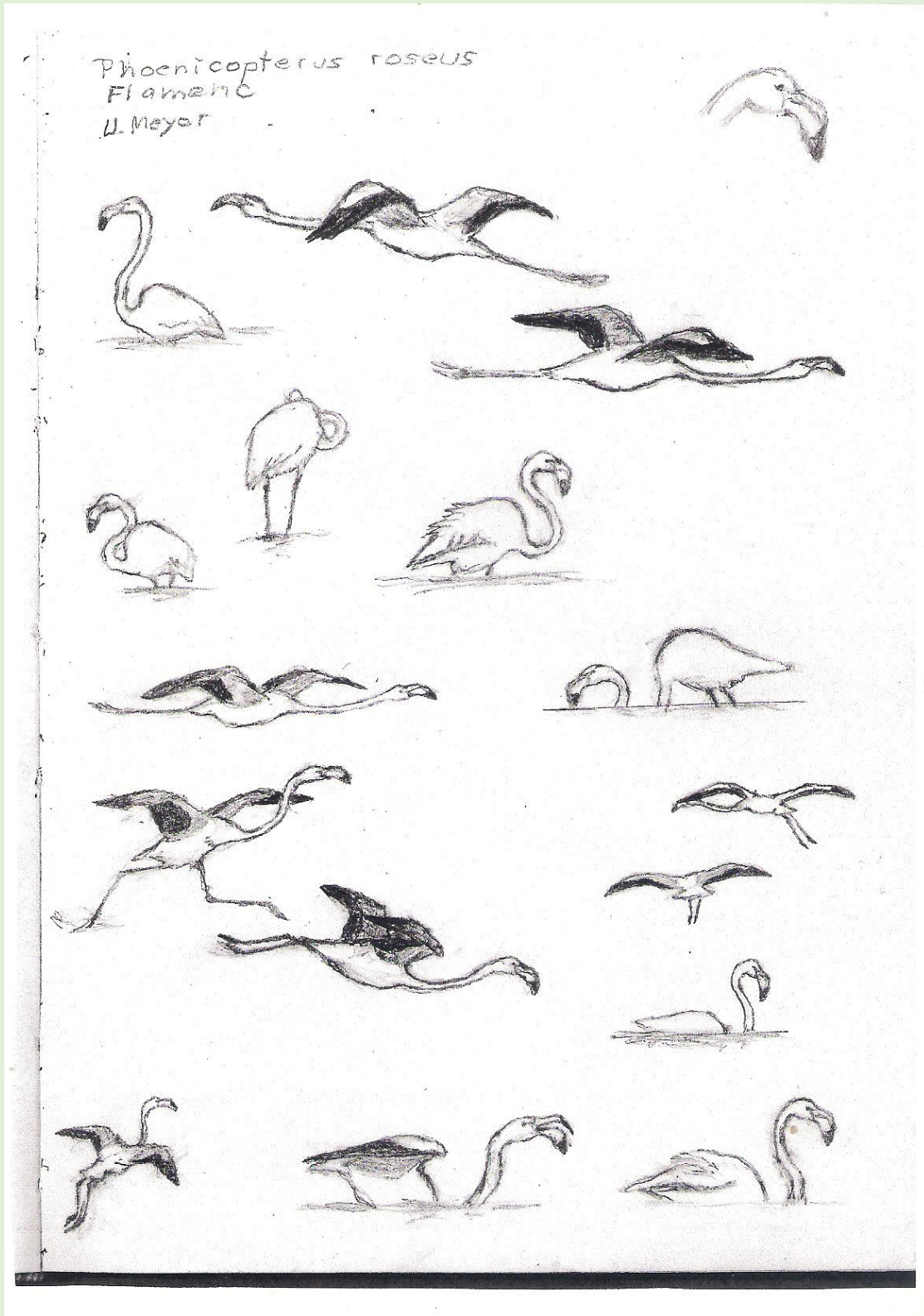
Mallorca: Salobrar de Campos. Monthly maximums (MUN; SUA; MMM; RIR, VDE, PAM, HIN; GON; LOP).

Albufera. Monthly maximums (BAZ, PAM; LOP, MAC).

Albufereta, Pollença. Monthly maximums and extreme dates (RNSA; VDE; TOM; LOP, MAC).

Estanys de se Sal, Colònia de Sant Jordi. Monthly maximums (MUN; RIR, VDE, PAM; LOP, HIN, MAC).

Dates	I	14*II	III	IV	V	VI	VII	VIII	11*IX	X	XI	XII
Salobrar	238	151	29	152	68	87	98	133	200	187	202	30
Albufera	-	-	-	-	0	0	0	-	-	10	3 J	-
Albufereta	109	8	-	-	0	0	0	-	38*	62	130	105
Estany Sal	5	2*	-	-	0	0	0	-	-	-	-	-



Portocolom, Felanitx. 24 birds 1-IV (RAMM).
Prat de Sant Jordi, Palma. 1 juvenile 28-VIII (BAN) and 1-IX (VDE), 3
birds 19-X (MOU), 1 bird 21-X (MCM).

Wildlife recovery centre. **1** bird admitted due to malnutrition, originating from Campos 2-IX (COFIB).

Can Guidet irrigation reservoir, Palma. 1 bird 12-X (SUA), 1-XI (MUN, MAC, BAZ, PAM) and 20-XII (MUN).

Cabrera: Prenuptial: 1 bird arriving from the south 8-IV (VIC; LOP, MTN, *et al.*).

Menorca: Albufera des Grau, Mahon. Monthly maximums (PNAG; BAZ; LIG, PIR).

Dates	29-I	II	III	IV	V	VI	VII	VIII	12-IX	5-X	8-XI	4-XII
Albufera	5	0	0	0	0	0	0	0	7	2	1	3

Fornells salt flats, Mercadal. 1 bird 8-III (TLT).

Addaia salt flats, Mercadal. Monthly maximums (PNAG).

Dates	I	II	16-III	12-IV	23-V	20-VI	21-VII	VIII	19-IX	13-X	28-XI	18-XII
Addaia	-	0	2	2	2	2	2	-	12	9	11	12

Son Saura del Nord, Mercadal. 1 bird 2-IX (LIG, PIR).

Mongofre salt flats, Mercadal. 1 bird observed with a plastic ring (JTSZ) 20-X (SLV), this bird was ringed as a chick in the nest at Bouches du Rhône, France (N43 ° 25'40 ", E04 ° 37'44") on the 8-VIII-2012. 9 birds 29-X (CAT).

Formentera: Estany Pudent, Estany des Peix, salt flats and Sant Francesc water treatment plant. A maximum of 42 birds at E. Pudent 17-VIII with all wetlands surveyed on the 20-XII (KLA). Monthly maximums (KLA; MEY).

Dates	I	II	III	IV	17-V*	VI-VII	1-VIII*	VIII	IX	X	XI	XII
Estanys	14	+	8	+	2	-	9	42	5	20	26	42

Llevant beach. 22 birds in flight along the coastline 27-VII (MEY).

European Honey Buzzard *Pernis apivorus*

Status: Passage common.

Selection: Monthly maximums and phenology.

Mallorca: Prenuptial migration: Albercutx watch tower, Formentor, Pollença. Seen on active migration heading north, **104** birds from 23-IV to 30-V. Daily maximums (GORA; FAV; TOM).

Dates	23-IV	29-IV	30-IV	6-V	7-V	13-V	14-V	20-V	21-V
Albercutx	1	0	1	10	8	1	11	5	1

Dates	24-V	25-V	27-V	28-V	30-V
Albercutx	34	17	1	11	3

Castell del Rei, Pollença. 2 birds 14-V, 1 bird 20-V and 28-V (TAP).

Pla des Pouet, Valldemossa. 1 bird 31-V (GON).

Postnuptial migration: Cap de Ses Salines, Santanyí. Seen on active migration south, **285** birds, from 26-VIII to 2-X. Daily maximums (GORA).

Dates	26-VIII	27-VIII	31-VIII	1-IX	2-IX	3-IX	4-IX	6-IX	7-IX
Cap Salines	3	1	0	0	0	25	0	0	0

Dates	8-IX	10-IX	11-IX	12-IX	13-IX	14-IX	17-IX	18-IX
Cap Salines	2	4	1	4	0	0	73	67

Dates	19-IX	20-IX	23-IX	24-IX	28-IX	30-IX	1-X	2-X
Cap Salines	7	7	12	38	0	4	33	4

Cap Blanc, Lluçmajor. 21 bird 19-IX (FRO).

Wildlife recovery centre. 1 bird admitted due to road collision, originating from Palma 19-IX, later released (COFIB).

Cabrera: Postnuptial migration: seen on active migration south, **159** birds. Daily maximums (JMO; VIC; GORA).

Dates	14-IX	15-IX	22-IX	23-IX	24-IX	25-IX	30-IX
Cabrera	5	4	13	25	7	32	73

Menorca: Lluçmaçanes, Mahon. 3 birds 17-V in flight at height heading NNW (FLO, FLR).

Ibiza: Puig des Rafals, Sant Josep. 1 first year bird ringed 20-IX (CAR).

Black Kite *Milvus migrans*

Status: Non-breeding summer visitor rare (Menorca). Winters rare (Mallorca-Menorca). Passage uncommon (Mallorca-Ibiza) and rare (Menorca-Formentera).

Selection: phenology.

Mallorca: Pre-nuptial migration: Albercutx watch tower, Formentor, Pollença. Seen on active migration heading north, **108** birds from 19-III to 25-V. Daily maximums (GORA; FAV).

Dates	19-III	25-III	26-III	28-III	30-III	1-IV	2-IV	6-IV	8-IV
Albercutx	1	0	0	0	0	0	1	1	4

Dates	9-IV	10-IV	11-IV	12-IV	13-IV	14-IV	15-IV	16-IV	17-IV	22-IV
Albercutx	1	3	2	4	22	51	0	0	7	1

Dates	23-IV	29-IV	30-IV	6-V	7-V	13-V	14-V	20-V	21-V	24-V	25-V
Albercutx	4	1	2	0	0	1	0	0	0	1	1

Ariant, Pollença. 5 birds 5-IV, 19 birds 13-IV (GON).

Santa Ponça Golf, Calvià. 7 birds 5-IV (BEN).

Castell del Rei, Pollença. 14 birds 14-IV (TAP) and 2 birds 23-IV (MER).

S'Evangèlica, Andratx. 14 birds in formation heading north 16-IV (BAZ, PAM).

Estany de ses Gambes, Santanyí. 1 bird 12-V (MUN).

Postnuptial migration: Cap de Ses Salines, Santanyí, Seen on active migration south, **30** birds, from 9-VIII to 21-X. Daily maximums (GORA).

Dates	9-VIII	11-VIII	13-VIII	15-VIII	26-VIII	27-VIII	31-VIII	1-IX	2-IX
Cap Salines	3	5	3	2	4	0	6	1	0

Dates	3-IX	4-IX	6-IX	7-IX	8-IX	10-IX	11-IX	12-IX	13-IX
Cap Salines	0	0	0	0	0	0	0	0	2

Dates	14-IX	17-IX	18-IX	19-IX	20-IX	23-IX	24-IX	28-IX	30-IX
Cap Salines	0	0	0	1	1	0	1	0	0

Dates	1-X	2-X	8-X	15-X	21-X
Cap Salines	0	0	0	0	1

Wintering: Lluçmajor. 2 birds flying together with 8 *M. milvus* 12-X (SUA).

Son Sardina, Palma. 1 bird 14-XII (ALO).

Cabrera: 13 birds 22-IX (GORA).

Menorca: Menorca airport, Mahón. 1 bird 13-VI (LIG, PIR).

Albufera des Grau, Mahon. 1 bird 30-IX (LIG, PIR).

Red Kite *Milvus milvus*

Status: Breeding and Resident uncommon (Mallorca-Menorca). Winters rare (Mallorca). Passage rare (Mallorca-Ibiza-Formentera).

Selection: Breeding, phenology.

Mallorca: this year 112 nests of a total of known 147 nests have been visited, 66 territorial pairs have been located, of which 47 pairs laid a clutch of eggs. At these nests, a minimum of 80 chicks of different ages were monitored. The positive population trend of the Red Kite in Mallorca continues, increasingly occupying more areas of the island (MUN, Servei d'Agents de Medi Ambient).

S'Estremera, Bunyola. 86 birds at the roost 14-I (MAC).

Pre-nuptial migration: Albercutx watch tower and Formentor, Pollença.

Seen on active migration heading north, 18 birds from 18-III to 28-V.

Daily maximums (GORA).

Dates	18-III	19-III	25-III	26-III	28-III	30-III	1-IV	2-IV	6-IV
Albercutx	1	1	0	0	0	1	0	0	0

Dates	8-IV	9-IV	10-IV	11-IV	12-IV	13-IV	14-IV	15-IV	16-IV
Albercutx	2	1	0	0	0	1	0	0	0

Dates	17-IV	22-IV	23-IV	29-IV	30-IV	6-V	7-V	13-V	14-V
Albercutx	0	1	6	0	0	0	0	0	0

Dates	20-V	21-V	25-V	27-V	28-V
Albercutx	0	0	0	0	4

Castell del Rei, Pollença. 3 birds 12-III (TAP).

Post-nuptial migration: Cap de Ses Salines, Santanyí. 8 birds circling over the area 18-IX (JMO).

Wintering: P.N. de Llevant, Artà. 42 birds at the roost 21-XI (SUA).

Comuna de Bunyola. 16 birds 6-XII (MOU).

Wildlife recovery centre. **17** birds admitted due to various causes: three due to aircraft collision, 1 due to falling into a water tank, 1 due to road collision, 7 due to unknown causes, 1 confirmed case of aldicard poisoning and 2 due to unknown trauma. Two of the birds were able to be released back into the wild (COFIB).

Cabrera: 1 bird with two Marsh Harrier 12-X (VIC).

White-tailed Eagle *Haliaeetus albicilla*

Status: accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Egyptian Vulture *Neophron percnopterus*

Status: Breeding and Resident uncommon (Menorca) and rare (Mallorca). Passage rare (Mallorca). Accidental (Ibiza).

Selection: Breeding and all records received from Mallorca.

Mallorca: Albercutx watch tower, Pollença. A pair, possibly breeding at Formentor were observed from 28-III to 27-V. Daily maximums (GORA).

Dates	26-III	28-III	30-III	1-IV	2-IV	6-IV	8-IV	9-IV	10-IV
Albercutx	2	0	0	0	0	0	0	0	0

Dates	11-IV	12-IV	13-IV	14-IV	15-IV	16-IV	17-IV	22-IV	23-IV
Albercutx	0	0	0	0	0	0	0	1	0

Dates	29-IV	30-IV	6-V	7-V	13-V	14-V	20-V	21-V	25-V	27-V
Albercutx	0	1	0	0	0	1	0	0	1	1

Prat de Sant Jordi, Palma. 1 bird 14-V (MAC, TYS).

Bòquer valley, Pollença. 1 bird 29-V (TOM).

PN de Llevant, Artà. 1 adult 4-VI (MUN).

Griffon Vulture *Gyps fulvus*.

Status: Breeding and Resident uncommon (Mallorca). Accidental (Menorca-Ibiza-Formentera).

Selection: Breeding and records of special interest.

Mallorca: Tramuntana Mountains. Breeding for the 7th consecutive year. This year nests were located at the same area as in previous years, a total of 17 breeding pairs. Of these, 3 lost their clutches and another 3 lost their broods, albeit a minimum of **11** chicks fledged. This number is slightly higher than that of 2016, during which the 14 pairs that started breeding fledged 8 chicks, therefore this recent population of vultures continues to slowly grow (MUN, MTZ, Servei d'Agents de Medi Ambient).

Wildlife recovery centre. 1 juvenile admitted due to problems with its plumage, originating from Escorca 29-VIII (COFIB).

Coma de Binimorat, Escorca. A maximum of 18 birds 17-XII (BAZ, PAM).

Cinereous Vulture *Aegypius monachus*

Status: Breeding and Resident uncommon (Mallorca). Accidental (Menorca-Ibiza).

Selection: Breeding and records of special interest.

Mallorca: Tramuntana Mountains. While 2016 was a record breeding year, 2017 was even better, with the positive evolution of this vulture continuing in Mallorca. Weather conditions were good during the whole breeding season. 57 nests were monitored, 6 of them new. 35 were found occupied (territorial pairs). 32 pairs laid a clutch, one more than the previous year and **26** chicks fledged, three more than in 2016. Even though the vultures have increased, they have not extended their range, still relegated to a narrow coastal fringe of the northern Tramuntana Mountains. Environmental agents had to carry out a conservation action, by dismantling a "via ferrata" that facilitated the access to a non-exclusion area containing a vulture's nest that had been abandoned, most probably due to the disturbance of hikers. (MUN, MTZ, Servei d'Agents de medi Ambient).

Wildlife recovery centre. 2 juveniles recovered after having drowned. Both from Pollença, one on 19-IX at Cala Sant Vicenç and another on 6-XII at Cala Carbó (COFIB).
Ternelles, Pollença. A maximum of 31 bird 17-II (TOM).

Short-toed Eagle *Circaetus gallicus*

Estatus. Passage rare. Winters rare (Menorca).

Selection: all records received.

Mallorca: Pla de Vilafranca. **4** birds 2-V (JMO).

Cap de Ses Salines, Santanyí. Observed on active migration south, **1** bird 1-X (GORA).

Sa Dragonera: **1** bird at Na Pòpia 8-X (GON, GDE).

Menorca: Albufera des Grau, Mahon. **1** bird 30-IX (LIG, PIR).

Western Marsh Harrier *Circus aeruginosus*

Status: Breeding and Resident uncommon (Mallorca). Winters uncommon (Mallorca-Menorca) and rare (Ibiza-Formentera). Passage common.

Selection: Breeding, phenology and monthly maximums.

Mallorca: Albufera. Breeder. Monthly maximums (PNAM; JMO; TOM).

Albufereta, Pollença. Monthly maximums (RNSA; TOM; LOP, BEN).

Salobrar de Campos. Observation of Courtship behaviour 8-IV (VIC).

7 birds (adult male, adult females and juveniles) 25-VII (RES, FRT).

Monthly maximums (LOP, HIN; JMO; MAC; RES, FRT; SUR, SLV).

Dates	I	II	III	IV	V	VI	VII	VIII	IX
Albufera	87	+	28	+	+	+	+	+	3
Albufereta	2	+	+	1	+	+	+	+	2
Salobrar	7	19	25	4	4	2	7	+	13

Dates	X	XI	XII
Albufera	+	+	+
Albufereta	+	+	2
Salobrar	21	+	40

Pre-nuptial migration: Albercutx watch tower and Formentor, Pollença, Seen on active migration heading north, **216** birds from 25-II to 28-V (GORA).

Dates	25-II	12-III	18-III	19-III	21-III	25-III	26-III	28-III	30-III
Albercutx	1	0	45	14	3	4	18	2	0

Dates	1-IV	2-IV	6-IV	8-IV	9-IV	10-IV	11-IV	12-IV	13-IV
Albercutx	6	14	7	32	3	0	4	5	3

Dates	14-IV	15-IV	16-IV	17-IV	22-IV	23-IV	29-IV	30-IV	6-V
Albercutx	2	6	2	6	4	17	2	4	2

Dates	7-V	13-V	14-V	20-V	21-V	25-V	27-V	28-V
Albercutx	3	2	1	0	2	0	0	2

Castell del Rei, Pollença. 4 birds 26-III, 1 bird 2-IV and 14-IV (TAP).

Estany des Tamarells, Ses Salines. 2 birds 12-V (MUN).

Estany de ses Gambes, Santanyí. 1 male and 1 female 12-V (MUN).

Postnuptial migration: Cap de Ses Salines, Santanyí, on active migration south, **91** birds from 13-VIII to 1-X. Daily maximums (GORA).

Dates	13-VIII	15-VIII	26-VIII	27-VIII	31-VIII	1-IX	2-IX	3-IX	4-IX
Cap Salines	2	0	4	0	1	0	3	6	1

Dates	6-IX	7-IX	8-IX	10-IX	11-IX	12-IX	13-IX	14-IX	17-IX
Cap Salines	4	7	3	3	6	1	2	1	2

Dates	18-IX	19-IX	20-IX	23-IX	24-IX	28-IX	30-IX	1-X
Cap Salines	23	1	6	5	4	2	3	1

Cabrera: Prenuptial: on active migration north, 1 bird 4-V and 2 birds 5-V (GEMI).
Postnuptial: on active migration south, **21** birds from 26-VIII to 26-X. Daily maximums (VIC; JMO; GEMI).

Dates	26-VIII	12-IX	13-IX	14-IX	25-IX	12-X	20-X	26-X
Cabrera	1	1	6	1	9	2	2	1

Menorca: Albufera des Grau, Mahon. Monthly maximums (PNAG).

Dates	16-I	16-II	14-III	7-IV	3-V	VI	VII	VIII	12-IX	X	8-XI	4-XII
Albufera	2	2	0	2	2	0	0	0	1	0	1	1

Formentera: Estany Pudent. Postnuptial: present from 30-IX (2 juveniles) to 25-XI (1 bird) (MEY; KLA).

Hen/Northern Harrier *Circus cyaneus*

Status: Winters uncommon (Menorca) and rare (Mallorca-Ibiza-Formentera).
Passage uncommon.

Selection: phenology.

Mallorca: Wintering: Albufera, present until 8-II (1 bird) (MAC), with a maximum of 2 birds 8-I (VIC).
Salobrar de Campos. 1 bird 13-II (RIR, VDE, PAM), 2 birds from 27-II to 7-III (JMO), 1 male and 1 female 6-III (MON) and 1 female 8-III (LOP, VAN, BAZ, MON).
Pla de Vilafranca. 1 bird 20-II (LOP, RIR, VDE, PAM).
Prenuptial migration: Albercutx watch tower, Pollença. Seen on active migration heading north, 1 bird 9-IV (GORA).
Postnuptial migration: 1 male 7-XI at Son Boned (Marratxí) (ALO), 1 bird 19-XI at Salobrar de Campos (LOP, SUR, MAC, SLV).
Wintering: 1 bird 26-XII at Albufera (HOF).

Menorca: Camí de Tramuntana, Mercadal. 1 male 26-III (COL).

Pallid Harrier *Circus macrourus*

Status: Passage rare.

Selection: all records received.

Mallorca: Albufera. **1** bird 13-I. **1** bird 1-IV.
Salobrar de Campos. **1** bird from 27-II to 27-III and **1** bird 8-IX.
Albercutx watch tower, Pollença. Seen on active migration heading north, **1** bird 26-III.
Blanquer de Maria. **1** bird 23 and 25-IV.
Cap Blanc, Lucmajor, **1** bird 25-IX.
Cap de Ses Salines, Santanyí. **1** bird 1-X.

For more information about this accepted record, see the report by the Balearic Rarities Committee.

Montagu's Harrier *Circus pygargus*

Status: Passage uncommon. Occasional breeder 2001, 03 and 04 (Mallorca).

Selection: phenology.

Mallorca: Pre-nuptial migration: Albercutx watch tower, Formentor, Pollença. Seen on active migration heading north, **3** birds from 6-IV to 23-IV. Daily maximums (GORA). On 23-IV a migrating Montagu's Harrier is attacked by the pair of resident Peregrine Falcon, with the female eventually killing and abandoning it on the ground (MAC).

Dates	6-IV	8-IV	9-IV	10-IV	11-IV	12-IV	13-IV	14-IV	15-IV
Albercutx	1	0	0	0	0	0	0	0	0

Dates	16-IV	17-IV	22-IV	23-IV
Albercutx	0	1	0	1

Costitx. On the outskirts: 4 birds 20-IV (RES, VEN) and 9-V (RES).

Pla de Vilafranca. 1 bird 21-IV (SOL).

Blanquer de Maria. 1 bird 21-IV (RES; SOL).

Post-nuptial migration:

Salobrar de Campos. 1 bird 31-VIII (BRC).

Cap de Ses Salines, Santanyí. Observed on active migration south, **3** birds from 2-IX to 17-IX. Daily maximums (GORA).

Dates	2-IX	3-IX	4-IX	6-IX	7-IX	8-IX	10-IX	11-IX	12-IX
Cap Salines	1	0	1	0	0	0	0	0	0

Dates	13-IX	14-IX	17-IX
Cap Salines	0	0	1

Pla de Vilafranca. 1 bird 7-IX (VDE, PAM).

Cabrera: 1 bird en vol cap S 13-IX (JMO).

Menorca: Sant Climent, Mahon. 1 bird 14-IV (LIG, PIR).

Northern Goshawk *Accipiter gentilis*

Status: accidental.

Selection: all records received.

Mallorca: Albercutx watch tower, Pollença. Seen on active migration heading north, **1** bird 19-III.

Record pending acceptance by the Balearic Rarity Committee.

Eurasian Sparrowhawk *Accipiter nisus*

Status: Winters uncommon. Passage uncommon (Mallorca-Menorca-Ibiza) and rare (Formentera).

Selection: phenology.

Mallorca: Wintering: 1 bird 1-I at Artà (ART, MUÑ) and 11-I at P.N. de Llevant (ALO). 1 bird 29-I at Clot d'Albarca (MAC, RES).

Pre-nuptial migration: Albercutx watch tower and Formentor, Pollença. Seen on active migration heading north, **28** birds from 19-III to 30-IV. Daily maximums (GORA).

Dates	19-III	25-III	26-III	28-III	30-III	1-IV	2-IV	6-IV	8-IV
Albercutx	2	0	2	0	1	1	0	7	2

Dates	9-IV	10-IV	11-IV	12-IV	13-IV	14-IV	15-IV	16-IV	17-IV
Albercutx	3	0	0	0	1	6	2	0	0

Dates	22-IV	23-IV	29-IV	30-IV
Albercutx	0	0	0	1

Castell del Rei, Pollença. 2 birds 14-IV (TAP).

Postnuptial migration: Cap de Ses Salines, Santanyí. Observed on active migration south, **4** birds from 19-IX to 1-X. Daily maximums (GORA).

Dates	19-IX	20-IX	23-IX	24-IX	28-IX	30-IX	1-X
Cap Salines	1	0	1	0	0	0	2

Salobrar de Campos. 1 bird 23-IX (VRA).

Sant Salvador, Felanitx. 1 bird 26-IX (JMO).

Mortitx, Escorca. 1 bird 29-X (BAZ, PAM).

Comuna de Bunyola. 1 bird 30-X (MTU).

Wildlife recovery centre. **3** birds admitted due to various causes: one due to gunshot from Algaida; two due to unknown trauma, one from Alaró and another from Andratx (COFIB).

Wintering: 1 bird at Cases Velles 3-XI and at Pla des Pouet 18-XI (GON). 1 bird 18-XI at Galatzó (VIC), 1 bird at Coll des Pinotell 19-XI (CMP, LOP, MAC), 1 bird pursuing a group of thrushes at Esclop peak 25-XI (WIL) and 1 bird at Mortitx 17-XII (LOP, MAC, BEN, BRC).

Comuna de Bunyola. 1 bird 10-XII (MTU) and 23-XII (BAZ).

Cabrera: Postnuptial migration: Seen on active migration heading south, **15** birds from 13-IX to 24-X. Daily maximums (JMO; VIC; GORA; GEMI).

Dates	13-IX	17-IX	22- IX	23-IX	24-IX	26-IX	16-X	19-X	20-X	24-X
Cabrera	2	1	1	3	2	1	1	1	2	1

Wintering: 1 bird 7-XII (VIC).

Menorca: Cala Alcaufar, Sant Lluís. 1 bird chasing a Song Thrush 30-X (PIR, LIG).

Carreter de Fornells, Mercadal. 1 bird attempting to catch a Hoopoe 19-XI (GAL, PIR).

Ibiza: Sant Josep. 1 bird hunting low over the forest floor 11-X (BAZ).

Common Buzzard *Buteo buteo*

Status: Breeding rare (Mallorca). Winters uncommon (Menorca) and rare (Mallorca-Ibiza-Formentera). Passage uncommon.

Selection: all records received.

Mallorca: Wintering: 1 bird at So Cos, Marratxí 8-II (VDE, PAM), 1 bird at Paraigo, Ternelles, Pollença 18-II and at Ariant, Pollença 26-II (TAP). 1 bird at Santa Eugènia 28-II (HIN), 1 bird at Es Canyar, Palma 1-III (MUN) and 1 bird at Binissalem 9-III (MEL).

Wildlife recovery centre. **2** birds admitted due to various causes: one due to inanition from Pollença 23-I; and another due to electrocution also from Pollença 17-II (COFIB).

Prenuptial migration:

Boquer valley, Pollença. 1 bird 3-III (MON).

Castell del Rei, Pollença. 1 bird 5-III and 7-IV (TAP).

Albercutx watch tower and Formentor, Pollença. Seen on active migration heading north, **19** birds from 18-III to 23-IV. Monthly maximums (GORA).

Dates	18-III	19-III	25-III	26-III	28-III	30-III	1-IV	2-IV	6-IV
Albercutx	2	0	1	2	1	3	0	1	0

Dates	8-IV	9-IV	10-IV	11-IV	12-IV	13-IV	14-IV	15-IV	16-IV
Albercutx	3	2	0	0	0	0	0	1	1

Dates	17-IV	22-IV	23-IV
Albercutx	1	0	1

Postnuptial migration: Santa Maria. 8 birds at height 21-IX (ALO).

Cap de Ses Salines, Santanyí. Observed on active migration south, **1** bird 21-X (GORA).

Sa Dragonera: Postnuptial migration: 1 bird 14-IX (JMO), 2 birds with a group of 3 *Aquila pennata* and 4 *Pernis apivorus* 25-IX and 2 birds 10-X (VIC).

Cabrera: Postnuptial migration: 1 bird on 22 and 23-IX (GORA).

Menorca: Alaior. 1 bird resting 19-XI (VIA).

Mahon. 1 bird resting at the industrial estate 20-XII (CAT).

Long-legged Buzzard *Buteo rufinus*

Mallorca: Albercutx watch tower, Pollença. Seen on active migration heading north, **1** bird 28-III.

Record pending acceptance from the Spanish Rarity Committee SEO. This bird, of Palearctic origin is not included in this list. If accepted, it will be the first records, of the Committee in the Balearics.

Lesser Spotted Eagle *Aquila pomarina*

Status: accidental (Mallorca-Menorca).

Selection: all records received.

Mallorca: Albercutx watch tower, Pollença. Seen on active migration heading north, **2** birds 1 and 8-IV.

Castell del Rei, Pollença. **1** bird 1-IV.

Record pending acceptance from the Spanish Rarity Committee SEO.

Golden Eagle *Aquila chrysaetos*

Status: accidental. Extinct as a Breeder (Mallorca).

Selection: all records received.

No natural occurring sightings reported. Species requiring certification by the Rarity Committee.

Booted Eagle *Aquila pennata*

Status: Breeding and common Resident (Mallorca-Menorca). Winters uncommon (Ibiza). Passage common (Mallorca) and uncommon (Ibiza-Formentera).

Selection: Breeding and phenology.

Mallorca: Pre-nuptial migration: Albercutx watch tower and Formentor, Pollença. Seen on active migration heading north, **14** birds from 8-IV to 23-IV. Daily maximums (GORA).

Dates	8-IV	9-IV	10-IV	11-IV	12-IV	13-IV	14-IV	15-IV	16-IV
Albercutx	7	2	0	0	0	0	0	0	0

Dates	17-IV	22-IV	23-IV
Albercutx	2	0	3

Postnuptial migration: Cap de Ses Salines, Santanyí. Observed on active migration south, **451** birds from 11-VIII to 15-X. New Balearic record on 30-IX, with a constant passage of **249** birds counted between 12:25 a 15:28 hrs, at a height ranging from 200 to 500 m (MAC, MON, BRC, BAZ, PAM), which pulverizes the previous record of 52 birds at Illa de l'Aire on 29-IX-2013. Daily maximums (GORA).

Dates	11-VIII	13-VIII	15-VIII	26-VIII	27-VIII	31-VIII	1-IX	2-IX	3-IX
Cap Salines	5	0	0	0	0	0	0	0	0

Dates	4-IX	6-IX	7-IX	8-IX	10-IX	11-IX	12-IX	13-IX	14-IX
Cap Salines	0	0	0	0	0	0	0	0	0

Dates	17-IX	18-IX	19-IX	20-IX	23-IX	24-IX	28-IX	30-IX	1-X
Cap Salines	3	0	0	4	0	4	0	249	143

Dates	2-X	8-X	15-X
Cap Salines	3	0	40

Cabrera: Pre-nuptial migration: on active migration heading north, at least 2 birds on 4, 5, 6-V and 1 bird 7-V (GEMI).
Postnuptial migration: on active migration heading south, **137** birds from 13-IX to 5-XII. Daily maximums (JMO; VIC; TOM; GORA; GEMI). A light phase bird, possibly male, attacked by a group of Yellow-legged Gull and retrieved from the sea. Successfully recovered at later released by Daniel Marí, Joan Salom and Sílvia Arbona (VIC).

Dates	13-IX	15-IX	17- IX	22-IX	23-IX	24-IX	25-IX	10-X	13-X
Cabrera	2	1	2	3	12	6	4	11	18

Dates	19-X	20-X	21-X	22-X	29-X	4-XI	5-XII
Cabrera	16	16	16	2	23	1	4

Sa Dragonera: Postnuptial migration: 2 birds 25-IV (MCM).

Ibiza: Sant Josep. 4 birds in flight heading south 7-X (MMA, LLZ).

Formentera: Postnuptial: present from 1-X (1 bird) to 31-X (1 bird) at Estany Pudent (MEY).
 Cala Saona. 2 birds 8-X (KLA).

Bonelli's Eagle *Aquila fasciata* (formerly *Hieraetus fasciatus*)

Status: Breeding rare and Resident uncommon (Mallorca). Accidental (Menorca-Ibiza). Extinct as breeder in Mallorca since 1964. Breeding in Mallorca in 2014 and 2015 as a consequence of its reintroduction.

Selection: all records received.

Mallorca: the reintroduction project of the Bonelli's Eagle on the island during 2017 has added new breeding records: 7 known territorial pairs, of which 4 started breeding and 3 were successful. They fledged 4 chicks out of 5. The LIFE BONELLI project finished in September, which since 2013, had co-financed the reintroduction undertaken by COFIB. The results of a study from Barcelona University, concluded that the Mallorca population is now self sustainable, as based on demographic models, and is expected to continue to slowly increase during the coming years. With this in mind, the decision to not release any further juveniles in Mallorca was taken, although rehabilitated birds handed over to LIFE BONELLI will still be released,

as this will help to reduce the risk of future extinction, as the adaptation process is easier than with young fledglings. During 2017, three birds were released into the wild: a male juvenile that did not finally adapt, and two females that did. There have been 5 casualties: a chick that disappeared due to unknown circumstances from the nest, a male from one of the breeding pairs that perished due to a collision with an electrical cable, once breeding was over, and three electrocutions (two juveniles and an immature).

A total of seven years has been invested in releasing birds into the wild (2011-2017), a total of 42 birds, plus 11 that were born on the island. The present population consists of 26 birds with seven territorial pairs (one of which is missing the male), four of these pairs have successfully bred since 2014, when the first chick born in Mallorca fledged. A new AQUILA a-LIFE project has already begun up until 2022, which aims to continue to help in the conservation of this reintroduced population, under UICN criteria. Further information can be found at: www.lifebonelli.org. (under, COFIB-Servei de Protecció d'Espècies).

Osprey *Pandion haliaetus*

Status: Breeding and Resident rare (Mallorca-Menorca-Ibiza). Winters rare (Mallorca-Ibiza-Formentera). Passage uncommon (Mallorca-Ibiza-Formentera) and rare (Menorca). Extinct as a Breeder (Formentera).

Selection: Breeding and records of special interest.

Baleares: a good breeding year, with **30** birds fledged, more than in 2016. Albeit, a decrease of the number of occupied nests (21), due to the failure of past occupied nests that remained unoccupied this year. Noteworthy, was a new nest in Capdepera, which was successful and the re-occupation of a historic nest in the Cal at Capellans area (Escorça), which had not been occupied in more than 15 years. There were 4 known casualties: an adult shot near Palma airport, a juvenile from Escorça that succumbed to inanition and two chicks that died in the nest (MTZ, Servei d'Agents de Medi Ambient).

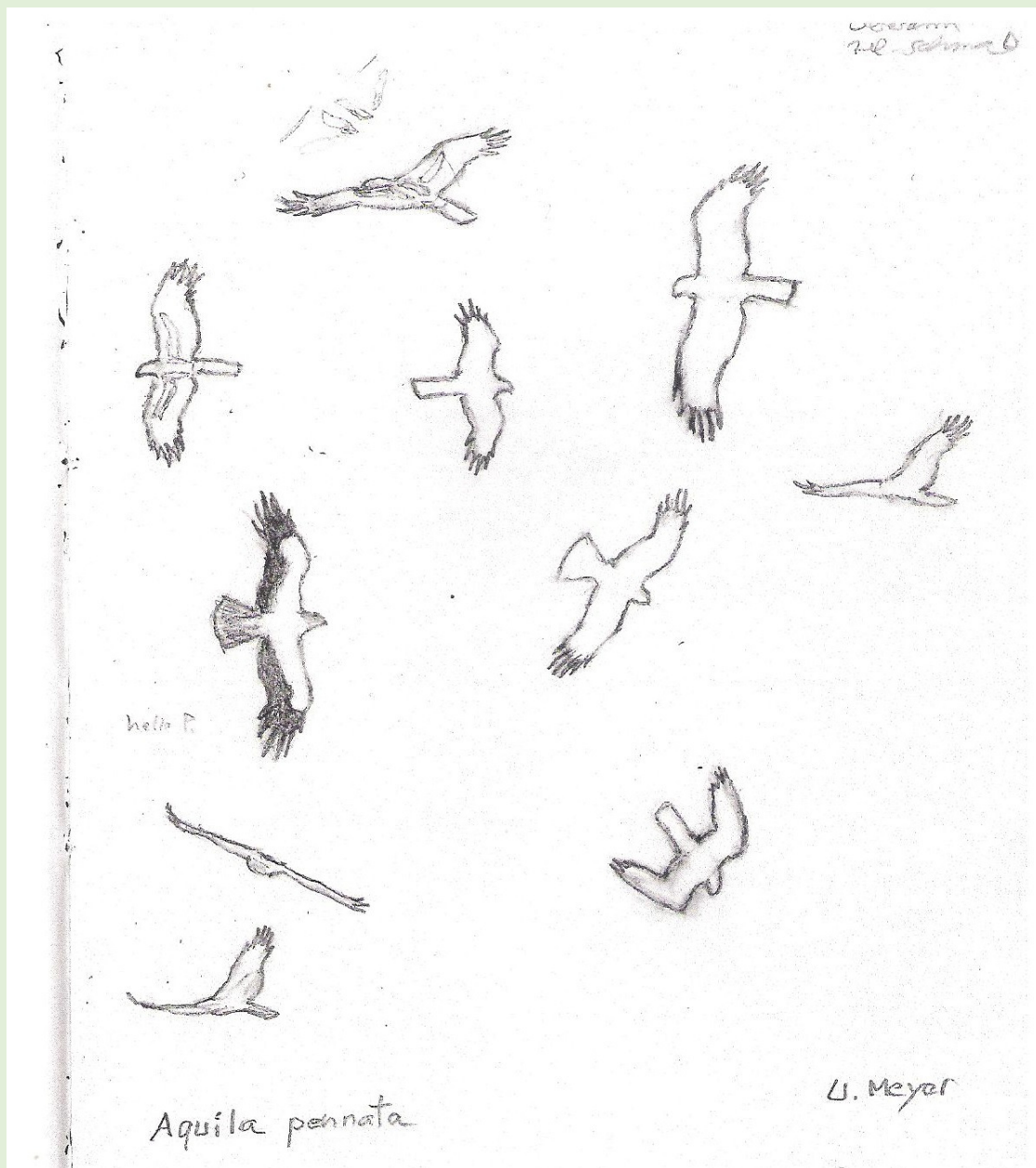
	Occupied nests	Pairs with a clutch of eggs	Chicks
Mallorca	11	8	16
Cabrera	7	5	9
Menorca	2	2	3
Ibiza	1	1	2
TOTAL	21	16	30

Mallorca: Pre-nuptial migration: Albercutx watch tower and Formentor, Pollença, Seen on active migration heading north, **3** birds from 18-III to 6-IV. Daily maximums (GORA).

Dates	18-III	19-III	25-III	26-III	28-III	30-III	1-IV	2-IV	6-IV
Albercutx	1	0	0	0	1	0	0	0	1

Sa Dragonera: 2 birds 25-IV (MCM), 1 bird crossing that channel 23-VI (MAC).

Formentera: Estany Pudent. Pre-nuptial: 1 bird 30-IV (1 bird) and another 21-VI (KLA). Post-nuptial: present from 2-VIII (1 bird) to 25-XI (1 bird) (KLA; MEY).



Lesser Kestrel *Falco naumanni*

Status: Passage rare (Mallorca-Menorca). Information missing. Extinct as a Breeder (Menorca).

Selection: all records received.

Mallorca: Pre-nuptial migration:

Sa Barrala, Campos. 1 bird 9-IV (MAC, VDE, PAM, HIN).

Costa Pollença. 1 bird in flight 24-V (FAV).

Pla de Vilafranca, **18** birds observed from 12-IV to 29-VI. Daily maximums (BRC; JMO; MUN; SOL; BAZ).

Post-nuptial migration: **8** birds observed 7-IX at Pla de Vilafranca, (VDE, PAM).

Dates	12-IV	2-V	13-V	18-V	29-VI	VII	VIII	7-IX
Vilafranca	6	4	5	2	1	0	0	8

Common Kestrel *Falco tinnunculus*

Status: Breeding and Resident abundant (Mallorca) and common (Menorca-Ibiza-Formentera). Winters common (Menorca) and uncommon (Mallorca-Ibiza).

Passage common (Mallorca-Menorca).

Selection: Breeding and records of special interest.

Mallorca: Pre-nuptial migration: Albercutx watch tower and Formentor, Pollença. Seen on active migration heading north, **34** birds from 12-III to 13-V. Daily maximums (GORA).

Dates	12-III	18-III	19-III	25-III	26-III	28-III	30-III	1-IV	2-IV
Albercutx	2	1	2	0	3	1	0	0	9

Dates	6-IV	8-IV	9-IV	10-IV	11-IV	12-IV	13-IV	14-IV	15-IV
Albercutx	1	1	0	0	1	1	0	4	0

Dates	16-IV	17-IV	22-IV	23-IV	29-IV	30-IV	6-V	7-V	13-V
Albercutx	2	2	1	1	0	1	0	0	1

Son Hortolà, Calvià. Nest in the farmhouse with 2 young fledglings 19-VI (LOP).

Clot d'Albarca, Escorca. A bird observed trying to hunt a bat at a height of 100 m (BAZ, PAM).

Post-nuptial migration: Cap de Ses Salines, Santanyí. Seen on active migration south, **29** birds from 26-VIII to 23-X. Daily maximums (GORA).

Dates	26-VIII	27-VIII	31-VIII	1-IX	2-IX	3-IX	4-IX	6-IX	7-IX
Cap Salines	4	0	1	0	1	0	0	0	0

Dates	8-IX	10-IX	11-IX	12-IX	13-IX	14-IX	17-IX	18-IX	19-IX
Cap Salines	0	0	6	0	0	0	0	0	0

Dates	23-X	20-IX	23-IX	24-IX	28-IX	30-IX	1-X	2-X
Cap Salines	1	0	5	4	0	6	1	0

Dates	8-X	15-X	21-X
Cap Salines	0	0	0

Wildlife recovery centre. 2 birds admitted during 2017, escaped from falconery (COFIB).

Cabrera: Pre-nuptial migration: observed on active migration heading north, **6** birds from 4 to 7-V. Daily maximums (GEMI).

Dates	4-V	5-V	6-V	7-V
Cabrera	1	2	2	1

Post-nuptial migration: on active migration south, **22** birds from 17-IX to 21-X. Daily maximums (TOM; GORA; GEMI).

Dates	17-IX	22-IX	23-IX	24-IX	5-X	19-X	20-X	21-X
Cabrera	1	3	4	6	2	2	2	2

Sa Dragonera: Pre-nuptial: 1 bird 25-IV (MCM).

Illa de l'Aire: Sant Lluís. Pre-nuptial migration: 1 male juvenile ringed 30-IX (CRR).

Red-footed Falcon *Falco vespertinus*

Status: Passage uncommon (Mallorca-Menorca-Ibiza) and rare (Formentera).

Selection: all records received.

Mallorca: Prenuptial migration: Marina de Lluçmajor, 2 birds 21-IV (SUA). Pla de Vilafranca. **18** birds present from 21-IV to 13-V. Daily maximums (BAZ, TYS; RES; MON; MUN).

Dates	21- IV	28-IV	1-V	2-V	13-V
Vilafranca	4	1♂	2♀, 1♂	7	3

Albercutx watch tower, Pollença. Seen on active migration heading north, 1 bird 23-IV (GORA).

Blanquer de Maria. 2 birds 30-IV (MAC), 1 male and 1 female 6-V (LOP, VDE, PAM, HIN).

Albufera. 2 birds observed foraging 22-V, 1 second year bird hunting 26-V (FAV).

Merlin *Falco columbarius*

Status: hivernant and Passage rare.

Selection: all records received.

Mallorca: Wintering: **1** bird 27 and 28-II at Salobrar de Campos (JMO).

Prenuptial migration: **1** bird at Sa Barrala, Campos 8-IV (BRC).

Postnuptial migration: Cap de Ses Salines, Santanyí. Observed on active migration south, **1** bird 21-X (GORA).

Albufera. **2** birds at the Starling roost 11-XI (LOP, MTU).

Santa Ponça torrent, Calvià. **1** bird 25-XI (MAC).

Cabrera: Postnuptial migration: **1** bird 23-IX (GORA) and **1** bird 21-X (GEMI).

Menorca: Menorca airport, Mahón. **1** bird 10-XI (LIG, PIR).

Eurasian Hobby *Falco subbuteo*

Status: Passage uncommon (Mallorca-Menorca) and rare (Ibiza-Formentera).

Occasional breeder 1988, 89 and 90 (Mallorca) and 2003 (Menorca).

Selection: phenology and all records from Ibiza and Formentera.

Mallorca: Prenuptial migration: Albercutx watch tower, Formentor, Pollença. Seen on active migration heading north, **17** birds from 12-IV to 23-IV. Daily maximums (GORA).

Dates	12-IV	13-IV	14-IV	15-IV	16-IV	17-IV	22-IV	23-IV
Albercutx	1	1	3	3	2	3	1	3

Castell del Rei, Pollença. 2 birds 16-IV (TAP).

Postnuptial migration: Cap de Ses Salines, Santanyí. Observed on active migration south, **31** birds from 3-IX to 2-X. Daily maximums (GORA).

Dates	3-IX	4-IX	6-IX	7-IX	8-IX	10-IX	11-IX	12-IX	13-IX
Cap Salines	1	0	0	0	0	0	0	0	0

Dates	14-IX	17-IX	18-IX	19-IX	20-IX	23-IX	24-IX
Cap Salines	0	1	6	3	0	3	10

Dates	28-IX	30-IX	1-X	2-X
Cap Salines	0	5	1	1

Wildlife recovery centre. **2** birds admitted due to various causes: one from Andratx, found predated on the 4-V; and another due to illness

associated to a unicellular *Trichomonas* parasite on the 17-X, originating from Alcúdia (COFIB).

Cabrera: 1 bird 23-IX (GORA).

Menorca: Camí de Sa Boval, Mahon. 1 bird 24-V (LIG, PIR).
Son Saura del Nord, Mercadal. 1 bird 17-IX (LIG, PIR).
Menorca airport, Mahón. 1 bird 24-XII (LIG, PIR).

Eleonora's Falcon *Falco eleonorae*

Status: Breeding common (Mallorca-Ibiza). Passage uncommon (Menorca-Formentera).

Selection: Breeding, phenology and monthly maximums.

Mallorca: first arrivals, 2 birds at Andratx 25-IV (NIC). A maximum of 87 birds at Sa Pobla 10-VI (VIC) and 21 birds at Castell del Rei, Pollença 14-V (TAP). 34 birds hunting at Albufera 26-V (FAV). Last records, 2 birds at Punta de les Salines, Pollença 2-XI (GON), 1 bird at Albufereta, Pollença 14-X (SUA) and 5 birds at Boquer valley, Pollença 6-X (ELK). Wildlife recovery centre. 1 bird from Alcúdia admitted due to unknown trauma 11-VII (COFIB).

Cabrera: Breeder. Present until 13-X. Daily maximums (GEMI; TOM; VIC, JMO; GORA).

Dates	IV	4-V	5-V	6-V	7-V	VI	VII	VIII	5-IX
Cabrera	-	2	2	20	2	+	+	+	25

Dates	23-IX	24-IX	5-X	13-X	19-X	20-X	21-X
Cabrera	30	12	33	23	2	16	6

Sa Dragonera: first arrivals, 5 birds 25-IV (MCM).

Lanner Falcon *Falco biarmicus*

Status: Accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Saker Falcon *Falco cherrug*

Status: Accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Peregrine Falcon *Falco peregrinus*

Status: Breeding and common Resident (Mallorca) and uncommon (Menorca-Ibiza-Formentera). Winters uncommon (Ibiza) and rare (Mallorca).

Selection: Breeding and records of special interest.

Mallorca: Es Capdellà, Calvià. A juvenile calling its parents 25-V (SOL).

Illot des Cabots, Ses Salines. 1 bird 26-XII (MAC).

Wildlife recovery centre. 3 birds admitted during 2017, escaped from falconery (COFIB).

Sa Dragonera: 1 bird 29-III (JMO).



Little Crane *Porzana porzana*, Albufera de Mallorca Natural Park, 24th of March 2017.
Photo: Patrick Moussa.

Water Rail *Rallus aquaticus*

Status: Breeding and common Resident (Mallorca) and uncommon (Menorca-Ibiza). Winters rare (Formentera). Passage rare (Ibiza-Formentera).

Selection: Breeding and records of special interest.

- Mallorca:* Estany de ses Gambes, Santanyí. 1 bird 12-V (MUN).
Es Salobrar, Campos. 7 birds 20-IX (JMO).
Estanys de se Sal, Colònia de Sant Jordi. 1 bird 10-IX (MAC).
Son Real, Santa Margalida. 1 bird 26-XII (VDE, PAM).
- Menorca:* Albufera des Grau, Mahon. 1 bird 16-I and 14-III (PNAG).
- Formentera:* Estany Pudent. 1 bird heard at the Es Brolls area 11-X (MAY).

Spotted Crane *Porzana porzana*

Status: Winters uncommon (Menorca-Ibiza) and rare (Mallorca). Passage uncommon. Information missing.

Selection: phenology and records of special interest.

- Mallorca:* Pre-nuptial: last record, 24-III (2 birds) at Albufera (LOP, RIR, VDE, MAC; RES, FRT).
Post-nuptial: first birds 15-X at Salobrar de Campos (BAZ, PAM).
- Menorca:* Mongofre salt flats, Mercadal. 1 bird 12-IV (LIG, PIR).
- Ibiza:* Es Codolar, Sant Josep. 1 adult ringed 18-II (MAR).
Ses Salines, Sant Josep. 1 bird 6-IV (BAZ).

Little Crane *Porzana parva*

Status: Winters rare (Menorca). Passage rare. Information missing.

Selection: all records received.

- Menorca:* Albufera des Grau, Mahon. **1** female 17-V.

For more information about this accepted record, see the report by the Balearic Rarities Committee.

Baillon's Crane *Porzana pusilla**Status:* accidental. Information missing.*Selection:* all records received.*Illa de l'Aire:* Sant Lluís. **1** juvenile ringed 8-X.

Record pending acceptance from the Spanish Rarity Committee SEO.

Corncrake *Crex crex**Status:* accidental.*Selection:* all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Common Moorhen *Gallinula chloropus**Status:* Breeding and Resident abundant (Mallorca), common (Menorca), uncommon (Ibiza) and rare (Formentera). Winters uncommon (Mallorca-Ibiza).

Passage common (Menorca) and uncommon (Mallorca-Formentera).

Selection: Breeding and phenology.*Mallorca:* Prat d'Alcúdia. Maristany area, a maximum of 30 birds 22-IV (MUN, MAC, HIN). Chicks observed from 27-V (LOP). 45 birds 30-XII (MUN). Torrent de Sant Jordi, Pollença. 2 adults and 2 chicks 7-V (LOP, HIN). La Gola, Pollença. 1 adult with 5 large chicks 4-VII (FIO, CTOG).*Menorca:* Albufera des Grau, Mahon. Chicks observed from 3-V. Monthly maximums (PNAG).

Dates	16-I	16-II	14-III	7-IV	3-V	15-VI	4-VII	1-VIII	12-IX
Albufera	7	28	17	14	22+P	6+P	9	43	12

Dates	5-X	8-XI	4-XII
Albufera	22	12	8

Ferreries water treatment plant. 2 birds 30-V (VIA).

Addaia salt flats, Mercadal. 2 birds 18-XII (PNAG).

Formentera: Estany Pudent. 1 female with nest material 6-XII (KLA).**Allen's Gallinule** *Porphyrio alleni**Status:* Vagrant.*Selection:* all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Purple Swamphen *Porphyrio porphyrio**Status:* Breeding and common Resident (Mallorca) and uncommon (Menorca).

Reintroduit 1991 (Mallorca). Accidental (Ibiza-Formentera). Breeder since 2000 (Menorca).

Selection: Breeding and records of special interest.*Mallorca:* Son Navata pools, Felanitx. 3 birds 6-I and 4 birds 23-II (JMO).

Magaluf ponds, Calvià. 3 birds 30-IX (NIC).

Menorca: Albufera des Grau, Mahon. Chicks observed from 15-IV (LIG, PIR). Monthly maximums (PNAG).

Dates	I	16-II	14-III	7-IV	3-V	15-VI	4-VII	1-VIII	12-IX
Albufera	0	2	2	2+P	2+P	2	2	3	2

Dates	5-X	8-XI	4-XII
Albufera	2	2	2



Purple Swamphenr *Porphyrio porphyrio*, Albufera de Mallorca Natural Park, 26th of October 2017. Photo: Patrick Moussa.

Common Coot *Fulica atra*

Status: Breeding and Resident abundant (Mallorca) and common (Menorca). Winters abundant (Mallorca-Menorca), uncommon (Ibiza) and rare (Formentera). Passage abundant (Menorca) and uncommon (Mallorca-Ibiza-Formentera).

Selection: Breeding and Monthly maximums.

Mallorca: Albufera. Breeder. Monthly maximums (PNAM).
 Albufereta, Pollença. Breeder. A maximum of **1.160** birds 3-XI (RES). Monthly maximums (RNSA; VDE; LOP, HIN; RES; BEN).
 Prat d'Alcúdia. Maristany area, this year an estimated **20** pairs have bred (LOP). Chicks observed from 11-III to 27-V and juveniles 14-IV (LOP, HIN). A maximum of 400 birds 3-XII (MUN). Monthly maximums (MUN; LOP, SCH, HIN, MAC; TOM).
 Can Guidet irrigation reservoir, Palma. A maximum of 67 birds 11-VIII (MUN). Monthly maximums (MUN).

Dates	I	II	III	IV	V	VI	VII	VIII	IX
Albufera	249	+	+	+	+	+	+	+	+
Albufereta	94	65	86	+	+	+	+	+	+
Prat Alcúdia	100	+	25 Ad, P	90, P, J	102, P, J	J	+	+	0
Can Guidet	18	+	21	3	-	-	+	67	27

Dates	X	XI	XII
Albufera	+	+	+
Albufereta	+	1.160	305
Prat Alcúdia	0	180	400
Can Guidet	+	25	10

Estany des Ponts, Alcúdia. 5 birds 6-I and 86 birds 30-XII (MUN).
Santa Ponça Golf I, II and Ponent, Calvià. 196 birds 9-I (VDE) and
160 birds 3-II (RIR, VDE, PAM).

Prat de Sant Jordi, Palma. 7 birds 8-I (VDE, PAM), 14 birds 26-II
(RIR, VDE, PAM) and 1 adult with 2 chicks 9-IV (NIC).

Son Nuviet irrigation reservoir, Petra. 13 birds 16-I (CAA, GRC), 1
bird 12-V and 2 adults with 3 chicks 12-V (VIA).

Magaluf ponds, Calvià. 3 birds 11-I (VDE) and 5 birds 30-IX (NIC).

Son Jordi irrigation reservoir, Son Servera. 8 birds 13-I (MUN).

P. N. de Mondragó, Santanyí. 6 birds 14-I (VDE, PAM).

Son Bauló torrent. 19 birds 15-I (RES).

Golf de Son Gual, Palma. 21 bird 16-I (MUN).

Son Muntaner Golf, Palma. 81 bird 9-I (MAC, LOP, VDE, PAM).

Golf de Puntiró, Palma. 3 birds 16-I (MUN).

Son Quint Golf, Palma. 2 birds 1-II (VDE).

Salobrar de Campos. 10 birds 27-II (JMO) and 8 birds 10-III (MMM).

Vilafranca quarry pond. 2 adults with 1 chick 12-V (VIA).

La Gola, Pollença. Present from 2-IX (2 birds) (FIO, CTOG).

Menorca: Albufera des Grau, Mahon. Chicks observed from 7-IV. Monthly
maximums (PNAG).

Dates	16-I	16-II	14-III	7-IV	3-V	15-VI	4-VII	1-VIII	12-IX
Albufera	1.696	912	778	608+p	632+P	822+P	727	1.564	1.861

Dates	5-X	8-XI	4-XII
Albufera	2.193	1.994	1.359

Addaia salt flats, Mercadal. Monthly maximums (PNAG).

Dates	I	14-II	16-III	12-IV	V	VI	VII	VIII	IX	X	XI	XII
Addaia	-	47	38	53	0	0	0	-	0	0	0	0

Ferrerries water treatment plant. 3 birds 30-V (VIA).

Formentera: Estany Pudent. At the Es Brolls area, 1 adult 30-X and 1-XI. Calls heard
2-XI (MEY).

Red-knobbed Coot *Fulica cristata*

Status: Breeding and Resident rare (Mallorca). Accidental (Menorca).

Selection: all records received..

Mallorca: Albufera. Breeder. Chicks observed from 21-V (MUN). Monthly
maximums (PNAM; MUN; TOM; ELK; FAV).

Dates	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
Albufera	7	+	+	+	2	2 Ad, P	+	+	2	2	+	+

Menorca: Albufera des Grau, Mahon. 1 bird 12-IX and 5-X, 2 birds 8-XI
(PNAG).

Common Buttonquail *Turnix sylvaticus*

Status: accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Common Crane *Grus grus*

Status: Winters uncommon (Mallorca-Menorca-Ibiza). Passage uncommon and rare (Ibiza).

Selection: all records received.

- Mallorca:* Wintering: 2 adults and 1 juvenile from 1-I to 8-I at Camí de Muntanya, Palma (RIR, VDE, GUR, PAM; MAC; LOP).
Prat de Sant Jordi, Palma. 3 birds from 16-I (VDE) to 29-I (MUN).
Prenuptial migration:
Albercutx watch tower, Pollença. Active migration, 2 birds heading north 18-II (GORA).
Albufereta, Pollença. 1 bird 26-III (BRC).
Postnuptial migration:
Salobrar de Campos. 1 bird 28-X and 2 birds 19-XI (MUN).
Escorca. 30 birds 12-XI (PAR).
Puig Sant Salvador, Artà. 9 birds 12-XI (ART, MUÑ).
Prat d'Alcúdia. 1 bird at Maristany overflying the lagoon 18-XI (MUN).
Palma. 10 birds overflying the city, heading east 30-XI (ART, MUÑ).
Wintering:
Salobrar de Campos. 11 bird at the roost 3-XII (MUN), 45 birds 6-XII (MON), 14 birds at the roost 17-XII (MUN) and 21-XII (HOF), 13 adults and 1 juvenile 23-XII (GAA, GRC).
Albufereta, 9 birds 3-XII (TOM).
Albufera, 5 birds 3-XII (TOM). 8 birds 4-XII (MOU) and 16 birds 30-XII (GRC, CAA).
- Cabrera:* Postnuptial migration: 2 birds in flight heading south 27-X, **83** birds in flight heading southeast 11-XI (VIC).
- Menorca:* Cales Fonts, Es Castell. 1 bird in flight during the evening 20-X (GRI).
Albufera des Grau, Mahon. 9 birds 29-XI (LIG, PIR).
- Ibiza:* Wintering: 2 birds resting at Ses Païses de Cala d'Hort (Sant Josep) 23 and 31-I (VIA, MMR).
Prenuptial migration: 10 birds at Sant Josep 16-II (BAZ).
Postnuptial migration: 6 birds at Es Cubells, Sant Josep 12-XI (VIA, MMR).

Little Bustard *Tetrax tetrax*

Status: accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Eurasian Stone Curlew *Burhinus oedicnemus*

Status: Breeding and Resident abundant (Mallorca-Ibiza) and common (Menorca-Formentera). Hivernant and Passage uncommon (Mallorca-Menorca-Formentera).

Selection: Breeding, monthly maximums and records of special interest.

- Mallorca:* Felanitx. **116** birds 8-I (JMO).
Palma. Chicks observed from 6-V (MEL).
Breeding details, first chicks 15-V and last 6-VIII, n=14 (COFIB).
Salobrar de Campos. A maximum of 40 birds 23-VIII (VDE, PAM, GUT), 18 birds 20-IX (JMO).
Estanys de se Sal, Colònia de Sant Jordi. 19 birds 21-XII (HOF).
- Cabrera:* rare breeder. 2 birds 4-V, 6 birds 5, 6, 7-V (GEMI), 2 birds on 22-23-24-IX (GORA) and 2 birds 19-X (GEMI).

Black-winged Stilt *Himantopus himantopus*

Status: Breeding common (Mallorca-Ibiza), uncommon (Menorca-Formentera). Winters uncommon (Mallorca), rare (Ibiza). Passage common (Mallorca-Menorca-Ibiza).

Selection: Breeding, monthly maximums and phenology.

Mallorca: Albufera. Courtship behaviour observed from 25-III (LOP), birds on the nest from 22-IV (MUN), juveniles from 27-V (LOP). Monthly maximums (PNAM; LOP, MAC; TOM; MUN).
 Albufereta, Pollença. Breeder. Monthly maximums (MUN; TOM; JMO).
 Salobrar de Campos. Chicks observed from 16-V (LOP). Monthly maximums (MUN; JMO; LOP, MAC; SUR, SLV; BAZ, PAM).
 Estanys de se Sal, Colònia de Sant Jordi. Juveniles observed from 16-V (LOP). Monthly maximums (MUN; RIR, VDE, PAM; LOP, MAC).
 Can Guidet irrigation reservoir, Palma. Breeder. Monthly maximums and extreme dates (SUA; MUN).
 Prat de Sant Jordi, Palma. Monthly maximums and isolated records in brackets (HIN; VDE, PAM, RIR; JMO; LOP)

Dates	I	II	III	2*29**IV	V	2*VI	VII	11*VIII	19*IX
Albufera	67	>16	>36	>44	+	+	+	+	100
Albufereta	34	+	+	+	21	+	+	+	10
Salobrar	15	>2	>5	+	48, P	+	+	+	+
Estanys Sal	32	26	+	36	17 Ad, 7 J	38	+	4	3
Can Guidet	0	-	-	6*	+	+	+	8*	-
Prat S.Jordi	25	26	17	14 / 4**	-	(1)*	-	-	25*

Dates	X	XI	XII
Albufera	+	>50	>35
Albufereta	+	+	6
Salobrar	+	>2	20
Estanys Sal	15	+	+
Can Guidet	-	-	-
Prat S.Jordi	23	15	+

S'Estalella, Lluçmajor. 1 bird 26-III (RIR, VDE, PAM).

Ses Fontanelles, Palma. Breeder. 2 birds 2-IV (SUA).

Estany de ses Gambes, Santanyí. 60 adults and **3** small chicks 12-V (MUN).

Estany des Tamarells, Ses Salines. 4 birds 12-V (MUN).

Prat d'Alcúdia. 2 birds 27-V (LOP).

Illot de sa Galera, Palma. 3 birds 29-V (SUA).

La Gola, Pollença. 1 bird 9-VI (FIO, CTOG).

Artà water treatment plant. Breeding confirmed at this locality with the observation of **1** unfledged juvenile an adult pair 30-VI (ART, MUÑ).

Menorca: Lluriach wetland, Mercadal. 1 bird 12-III (LIG, PIR).

Albufera des Grau, Mahon. 1 bird observed with plastic ring 18-III (LIG, PIR), this bird was ringed as an adult male at C. Caroccio – San Giovanni, Bologna, Italy, by Farioli Alessio on 2-VII-2010. Monthly maximums (PNAG; LIG, PIR).

Dates	I	II	14-18-III	7-IV	V	15-VI	VII	1-VIII	IX	X	XI	XII
Albufera	0	0	1	3	0	4	12	24	0	0	0	0

Addaia salt flats, Mercadal. This year **4** pairs have bred. Monthly maximums (PNAG).

Dates	I	II	16-III	12-IV	23-V	VI	21-VII	VIII	IX	X	XI	18-XII
Addaia	-	0	3	15	4	0	6	-	0	0	0	1

Ferrerries water treatment plant. 2 birds 30-V (VIA).

Mongofre salt flats, Mercadal. 1 bird 19-XI (LIG, PIR).

Formentera: Estany Pudent. Nests observed from 26-V and chicks from 6 to 21-VI (KLA). A maximum flock of 60 birds 7-VIII (MEY). Monthly maximums (KLA; MEY).

Dates	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
Pudent	+	+	5	10	2	14 + P	4	60	+	+	2	2

Pied Avocet *Recurvirostra avosetta*

Status: Breeding uncommon (Mallorca) and rare (Formentera). Winters uncommon (Menorca) and rare (Mallorca-Ibiza). Passage uncommon.

Selection: Breeding, phenology and monthly maximums.

Mallorca: Salobrar de Campos. Chicks observed from 16-V (LOP). Monthly maximums (MUN; JMO; MAC, LOP; BAZ, PAM).
Albufera. Chicks observed from 20-IV (MEL) and juveniles from 27-V (LOP). Monthly maximums (MUN; MAC, LOP; VDE; BAZ, RIR, VDE, PAM; TOM; ELK).

Dates	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
Salobrar	17	49	92	+	158, P	+	+	+	160	50	10	0
Albufera	7	10	17	P	P, J	+	>4	+	25	>2	+	8

Prat de Sant Jordi, Palma. 1 bird 18-I (HIN), 2 birds 16-II (SUA).

Prenuptial migration.

Portocolom, Felanitx. 2 birds heading south within a group of *P.*

mauretanicus off the coast 22-III (RES) and 4 birds 1-IV (RAMM).

Can Guidet irrigation reservoir, Palma. 2 birds 2-IV (SUA).

Estany de ses Gambes, Santanyí. Breeder? 4 birds 12-V (MUN).

Postnuptial migration:

Mondrago Natural Park, Santanyí. 1 very confident bird, feeding non-stop 25-IX (AMG, BSC).

Menorca: Mongofre salt flats, Mercadal. 1 bird resting on an islet in the middle of the lagoon 2-I (LIG, PIR).

Punta Prima, Sant Lluís. 1 bird 21-VIII (LIG, PIR).

Son Saura del Nord, Mercadal. 1 bird 7-IX (LIG, PIR).

Albufera des Grau, Mahon. 1 bird 26-IX and 5-X (LIG, PIR) and 4 birds 4-XII (PNAG).

Ibiza: Ses Salines, Sant Josep. 1 bird 11-X (BAZ).

Formentera: Estany Pudent. This year 4 pairs have bred, nest observed from 14-IV (KLA). Monthly maximums and extreme dates (KLA, MEY).

Dates	I	II	12-III*	IV	V	VI	VII	VIII	IX	6-X*	XI	XII
Pudent	-	-	2	8	14	+	+	+	1	3	-	-

Eurasian Oystercatcher *Haematopus ostralegus*

Status: Passage uncommon (Mallorca) and rare (Menorca-Ibiza-Formentera).

Selection: all records received.

Mallorca: Prenuptial migration: 8 birds at Illot de na Llarga, Ses Salines 13-II (RIR, VDE, PAM), 4 birds Illot de Sa Llova, Campos 14-II (MAS, SUR; LOP, HIN, MAC), 1 bird at Ciutat Jardí, Palma 19-II (BRC).



Little Ringed Plover *Charadrius dubius*, Albufera de Mallorca Natural Park, 6th of June 2017. Photo: Patrick Moussa.

Little Ringed Plover *Charadrius dubius*

Status: Breeding and Resident uncommon (Mallorca). Breeding uncommon (Menorca) and rare (Ibiza). Winters uncommon (Mallorca) and rare (Ibiza). Passage common (Mallorca-Menorca) and uncommon (Ibiza-Formentera). Occasional breeder 2015 (Ibiza).

Selection: Breeding, phenology and monthly maximums.

Mallorca: Albufera. Breeder. Monthly maximums (PNAM; MAC, HIN; JMO; MEL; LOP; FAV).

Salobrar de Campos. A maximum of 88 birds 13-V (HIN). Monthly maximums and extreme dates with asterisk (MUN; JMO; HIN; GON). Prat de Sant Jordi, Palma. Monthly maximums. (BAZ; MAC; RIR, VDE, PAM; RES; JMO; LOP).

Dates	I	18*20**II	14**III	IV	13*V	VI	VII	9*VIII	1*IX
Albufera	1	1	>4	6	2	+	-	-	-
Salobrar	0	2** / 3	7	11	88*	-	-	-	25*
Sant Jordi	0	3* / 5	8 / 2**	-	-	-	-	22*	+

Dates	19*IX	22**X	XI-XII
Albufera	-	-	-
Salobrar	10*	-	-
Sant Jordi	15	5 / 1**	-

Es Carnatge, Palma. 1 bird 17-II (MUN).

La Gola, Pollença. Present from 12-IV (2 birds) (TYS, CTOG) to 3-VI (2 birds) (CTOG).

Prat d'Alcúdia. Maristany area, 2 birds 12-V (ART, MUÑ).

Estany des Tamarells, Ses Salines. 1 bird 12-V (MUN).

Estany de ses Gambes, Santanyí. 2 birds 12-V (MUN).

Cúber reservoir, Escorca. 2 birds 1-VII (BAZ, RIR, VDE, PAM).
Menorca: Mongofre salt flats, Mercadal. 10 birds 12-III (LIG, PIR).
 Addaia salt flats, Mercadal. Monthly maximums (PNAG).

Dates	I	II	16-III	12-IV	23-V	VI	21-VII	VIII	19-IX	13-X	28-XI	18-XII
Addaia	-	0	9	2	11	0	9	-	7	4	3	1

Albufera des Grau, Mahon. Monthly maximums and extreme dates (PNAG).

Dates	I	II	III	IV	3-V	15-VI	4-VII	1-VIII	IX	X	XI	4-XII
Albufera	0	0	0	0	2	2	2	5	0	0	0	2

Ferrerries water treatment plant. 2 birds 30-V (VIA).

Common Ringed Plover *Charadrius hiaticula*

Status: Winters uncommon (Ibiza) and rare (Mallorca-Menorca-Formentera).
 Passage common (Mallorca-Menorca), uncommon (Ibiza) and rare (Formentera).
 Occasional breeder 1989 (Mallorca).

Selection: Phenology and monthly maximums.

Mallorca: Salobrar de Campos. A maximum of 49 birds 2-V (MMM). Monthly maximums and extreme dates (MUN; LOP, HIN, MAC; GON; MMM; VDE, PAM; ELK; GAR).
 Albufera. Monthly maximums and isolated records in brackets (PNAM; MCM; TOM; JMO; HOF).

Dates	I	II	III	IV	1*2**V	VI	VII	15*VIII	IX	X	XI	XII
Salobrar	4	9	2	7	49**	0	0	1*	4	+	+	5
Albufera	1	+	+	30	1*	0	0	-	5*	+	+	2

Es Carnatge, Palma. 1 bird 18-I (RIR, VDE, PAM) and 20-II (VDE, PAM) and 1 bird 26-XI (VDE).

Albufereta, Pollença. 2 birds 1-V (HIN).

Estany de ses Gambes, Santanyí. 20 birds 12-V (MUN).

Prat de Sant Jordi, Palma. 3 birds 19-IX (BAZ, PAM) and 2-XI (LOP) and 1 bird 29-XI (VDE, PAM).

Menorca: Fornells salt flats, Mercadal. 4 birds 18-II (LIG, PIR).

Addaia salt flats, Mercadal. Monthly maximums (PNAG).

Dates	I	II	III	12-IV	23-V	VI	VII	VIII	19-IX	13-X	28-XI	XII
Addaia	0	0	0	3	10	0	0	-	3	5	1	0

Ibiza: Ses Salines, Sant Josep. 5 birds 11-X (BAZ).

Formentera: Estany Pudent. Prenuptial: present 30-IV (3 birds) and 2 and 9-VI (1 bird) (KLA). Postnuptial: present from 8-X (2 birds) to 24-X (1 bird) (MEY).

Kentish Plover *Charadrius alexandrinus*

Status: Breeding and common Resident (Mallorca-Ibiza) and uncommon (Menorca-Formentera). Winters common (Mallorca-Ibiza), uncommon (Menorca). Passage abundant (Mallorca), common (Ibiza) and uncommon (Menorca).

Selection: Breeding and Monthly maximums.

Mallorca: Salobrar de Campos. Breeder. A maximum of **300** birds 5-III (JMO) and 28-X (MUN). Monthly maximums (MUN; JMO; LOP, MAC, BAZ, PAM).
 Albufera. Breeder. Monthly maximums (PNAM; LOP, MAC; MCM; ELK; TOM).
 Albufereta, Pollença. Breeder. Monthly maximums (VDE; TOM; JOM).
 Estanys de se Sal, Colònia de Sant Jordi. Breeder. Monthly maximums (LOP, MAC; MUN).

Dates	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
Salobrar	138	298	300	+	120	+	+	+	+	300	60	+
Albufera	84	94	+	20	+	+	+	+	+	90	40	+
Albufereta	52	44	+	+	5	+	+	+	+	+	15	25
Estanys Sal	9	20	+	34	1	+	+	+	39	+	+	+

Es Carnatge, Palma. 16 birds 8-I (VDE, PAM). 8 birds 19-II (LOP, MAC).

Illot des Porros, Santa Margalida. 143 birds 7-I (MAC).

Pla de Vilafranca. 52 birds feeding in flooded fields 26-I (CAA, GRC).

Mondrago Natural Park, Santanyí. 2 birds 14-I (VDE, PAM).

Prat de Sant Jordi, Palma. 3 birds 25-II (MAC), 8 birds 1-X and 4 birds 2-XI (LOP).

S'Estalella, Lluçmajor. 3 birds 26-III (RIR, VDE, PAM).

Estany de ses Gambes, Santanyí. 6 birds 12-V (MUN).

Platja de s'Aremal, Palma. 44 birds near Can Pastilla 10-XII (PAM).

Es Carbó beach, Santanyí. 5 birds 12-XII (GON).

Es Caragol beach, Ses Salines. 35 birds 12-XII (GON).

Menorca: Mongofre salt flats, Mercadal. 1 bird 21-VII (SLV).

Formentera: Estany Pudent. Chicks observed from 4-V to 11-VI (KLA).

Eurasian Dotterel *Charadrius morinellus*

Status: Winters rare (Mallorca). Passage rare.

Selection: all records received.

Mallorca: Wintering: 1 bird at Sa Barrala, Campos 15-I (MAC, BAZ, RIR, VDE, GUR, PAM, HIN).

Postnuptial migration:

Esclop peak, Estellencs. 11 bird 23-VIII (GON) and 1 bird 1-IX (SOL).

Pla de Vilafranca. 2 birds 7-IX (VDE, PAM).

Refaubetx, Calvià. 1 bird heading south out to sea 19-IX (NIC).

El Toro, Calvià. 1 bird 20-IX (NIC).

Menorca: Menorca airport, Mahon. 1 bird 23-VIII (LIG, PIR).

Punta Nati, Ciutadella. More than **100** birds observed in groups of 30 in the Camí de Cavalls area near the lighthouse 2-IX (SLV, RIC, ARL).



Eurasian Dotterel *Charadrius morinellus*, Sa Barrala, Campos, 15th of January 2017.
Photo: Daniel Hinckley.

European Golden Plover *Pluvialis apricaria*

Status: Winters common. Passage common (Mallorca-Menorca) and uncommon (Ibiza).

Selection: Phenology and monthly maximums.

Mallorca: the water bird census of the 13th to the 15th of January resulted in **813** birds, shown on the table and broken down with asterisks (SUA *et al.*).

Illot de na Llarga, Ses Salines. Monthly maximums (SUA; LOP, HIN, MAC).

Illot de na Cabot, Ses Salines. Monthly maximums (SUA; LOP, HIN, MAC).

Salobrar de Campos. Monthly maximums and extreme dates (JMO; RES, FRT; MAS, SUR; BAZ, PAM; MMM).

S'Abuferà. Monthly maximums (PNAM; LOP; MOU).

Dates	I	II	III	1*8**IV	V-VI	VII	VIII	IX	31*X	XI	XII
Na Llarga	454*	310	+	-	0	0	0	-	-	+	+
Na Cabots	298*	33	+	-	0	0	0	-	-	+	388
Salobrar	58*	300	+	3**	0	0	0	-	2*	6	36
Albufera	3*	-	-	1*	0	0	0	-	-	-	2

Manacor. 30 birds 22-I (VIC).

Vilafranca. 57 birds on the Felanitx road 26-I (CAA, GRC), 2 birds 20-II (LOP, RIR, VDE, PAM).

Prat de Sant Jordi, Palma. 1 bird 28-I (BAZ).

Ses Fontanelles, Palma. 102 birds 22-II (LOP, RIR, VDE, GUR).

S'Estalella, Lluçamajor. 12 birds 21-XII (VDE).

Albufereta, Pollença. 1 bird 21-XII (JMO).

Menorca: Sant Climent, Mahon. 3 birds 13-III (LIG, PIR).

Mongofre salt flats, Mercadal. 2 birds 11-IX (LIG, PIR).

Menorca airport, Mahon. 52 birds 30-XI (LIG, PIR).

Formentera: Prenuptial: last record, 12-III (10 birds) with a maximum of 50 birds 12-I, both at the Marroig salt flats (KLA).
Postnuptial: first birds 21-XI (1 bird) at Els Estanyets, with a maximum of 20 birds 16-XII at the Marroig salt flats (KLA).

Grey Plover *Pluvialis squatarola*

Status: Winters uncommon (Mallorca-Menorca-Ibiza) and rare (Formentera).
 Passage uncommon.

Selection: Phenology and monthly maximums.

Mallorca: Salobrar de Campos. Monthly maximums and extreme dates (SUA; MUN; JMO; MAC, HIN, VDE, BAZ, MON; MMM; RES, FRT; SUR, SLV).

Dates	I	II	III	IV	14*V	VI-VII	VIII	IX	28*X	XI	XII
Salobrar	12	6	1	6	4 / 2*	0	0	0	5*	1	1

Illot des Porros, Santa Margalida. 2 birds 7-I (MAC).

Albufera. 1 bird 18-I (VDE).

Prat de Sant Jordi, Palma. 1 bird 16-I (RIR, VDE, PAM).

Es Carnatge, Palma. 1 bird 8 and 18-I (VDE, PAM, RIR).

Illot de sa Galera, Palma. 1 bird 11-I (MAC).

Albufereta, Pollença. 1 bird 21-XII (JMO).

Ibiza: Ses Salines, Sant Josep. 2 birds 16-II, 1 bird 11-X (BAZ).

Formentera: Estany des Peix. 1 bird 20-XII (KLA).

Sociable Lapwing *Vanellus gregarius*

Status: Vagrant.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Northern Lapwing *Vanellus vanellus*

Status: Winters abundant (Mallorca), common (Menorca-Ibiza) and uncommon (Formentera). Passage common (Mallorca) and uncommon (Ibiza-Formentera). *Selection*: Monthly maximums and phenology.

Mallorca: Albufera. Monthly maximums, extreme dates and isolated records in brackets (PNAM; LOP, MAC; HIN; ELK; TOM).

Albufereta, Pollença. Monthly maximums (RNSA; TOM).

Prat de Sant Jordi, Palma. A maximum of **1.400** birds 23-I (VDE).

Monthly maximums (VDE, PAM; SUA; MCM).

Salobrar de Campos. Monthly maximums (LOP, MAC; JMO).

Dates	I	II	III	5*III	2*IV	V-VI	VII	VIII	20*IX	X	XI	XII
Albufera	835	>2	>2	+	1*	0	0	0	-	12	250	+
Albufereta	90	-	-	-	0	0	0	0	-	-	-	50
Prat S.Jordi	1.400	750	5	3*	0	0	0	0	-	21	35	600
Salobrar	3	8	-	-	0	0	0	0	2*	+	+	70

Son Nuviet irrigation reservoir, Petra. 100 birds 16-I (CAA, GRC).

Pla de Vilafranca. 32 birds 26-I (CAA, GRC).

Sa Barrala, Campos. 13 birds 14-II (LOP, HIN, MAC).

Menorca: Albufera des Grau, Mahon. Monthly maximums (PNAG; LIG, PIR).

Dates	16-I	II	III	IV	V	VI	VII	6-VIII	IX	X	XI	4-XII
Albufera des Grau	63	0	0	0	0	0	0	1	0	0	0	53

Formentera: Postnuptial. Estany Pudent, present from 10-X (1 bird) (BAZ) to 11-XII (6 birds), with a maximum of 8 birds on 12 and 19-XI and 9-XII (MEY; KLA).

Red Knot *Calidris canutus*

Status: Winters rare (Ibiza). Passage rare.

Selection: all records received.

Mallorca: Prenuptial migration: 2 birds at Salobrar de Campos 5-III (JMO).

Ruff *Calidris pugnax* (formerly *Philomachus pugnax*)

Status: Winters uncommon (Mallorca) and rare (Ibiza). Passage common (Mallorca-Menorca) and uncommon (Ibiza-Formentera).

Selection: Phenology and monthly maximums.

Mallorca: Salobrar de Campos. A maximum of 60 birds 28-IV (MUN). Monthly maximums, extreme dates with asterisk (SUA; LOP, HIN, MAC; JMO; MUN; RES, FRT; GON; BAZ, VDE, PAM; MAS, SUR).
Prat de Sant Jordi, Palma. Monthly maximums (VDE, PAM; JMO; BAZ, PAM).

Dates	I	II	5*III	IV	29*IV	V-VI	14*VII	VIII	19*IX	20*X	XI	XII
Salobrar	32	25	15	60	36*	0	1* / 3	1	10	20	6	6
P. S.Jordi	-	-	1*	0	0	0	0	0	1* / 33	8*	0	0

Albufera. Prenuptial: present from 13-III (1 bird) to 25-III (4 birds).
Postnuptial: 1 bird 10-X (ELK).

Menorca: Addaia salt flats, Mercadal. 1 bird 16-III (PNAG).

Mongofre salt flats, Mercadal. 3 birds 17-III and 1 bird 22-VII (SLV).

Ibiza: Ses Salines, Sant Josep. 2 birds 6-IV (BAZ).

Broad-billed Sandpiper *Calidris falcinellus* (formerly *Limicola falcinellus*)

Status: accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Curlew Sandpiper *Calidris ferruginea*

Status: Passage common (Mallorca-Menorca) and uncommon (Ibiza-Formentera).

Selection: Phenology and monthly maximums.

Mallorca: Salobrar de Campos. A maximum of 18 birds 17-IX (JMO). Monthly maximums and extreme dates (MMM; MUN; HIN; RES, FRT; BAZ, VDE, PAM; JMO).
Albufera. Monthly maximums (MAC, HIN; JMO; CAA, GRC, BAZ, PAM).

Dates	I-II	30*III	22*IV	1*V	2*VI	25*VII	VIII	30*IX	1*X	XI	XII
Salobrar	0	3*	14	6	5*	3*	4	18 / 1*	0	0	0
Albufera	0	0	1*	2*	0	0	-	-	1*	0	0

Prat de Sant Jordi, Palma. 3 birds 19-IX (JMO).

Menorca: Fornells salt flats, Mercadal. 1 bird 31-III (SLV).

Mongofre salt flats, Mercadal. 1 bird 21-VII (SLV).

Formentera: Estany Pudent. 1 bird 11-VIII (MEY).

Stilt Sandpiper *Calidris himantopus*

Status: Vagrant.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Temminck's Sandpiper *Calidris temminckii*

Status: Winters uncommon (Mallorca). Passage uncommon (Mallorca) and rare (Menorca-Ibiza-Formentera).

Selection: phenology.

Mallorca: Albufera. Monthly maximums (PNAM; RES, FRT; MAC, HIN; CAA, GRC, BAZ, PAM; LOP).
Salobrar de Campos. Monthly maximums (JMO; MAC, VDE, PAM, HIN; BAZ, TYS; GAR).

Dates	I	25*II	III	21*IV	1*V	VI	VII	16*VIII	17*IX	X	XI	XII
Albufera	1	+	2	2	2*	0	0	-	-	1	2	+
Salobrar	-	1*	4	2*	0	0	0	1* / 2	4*	-	-	-

Prat de Sant Jordi, Palma. 1 bird 19-IX (BAZ, PAM).

Sanderling *Calidris alba*

Status: Winters rare (Mallorca-Ibiza). Passage uncommon (Mallorca-Menorca-Formentera) and rare (Ibiza).

Selection: Phenology and monthly maximums.

Mallorca: Wintering:

Es Carnatge, Palma. Present from January (2 birds) to 15-III (2 birds) (VDE, PAM).

Salobrar de Campos. 1 bird 11-I (MON). Last birds ringed 30-IV (GAR).

Prenuptial migration. Es Salobrar,(Campos. 5 birds 1-V (MMM).

Postnuptial migration:

Salobrar de Campos. 1 bird 23-VIII (VDE, PAM) and 1 bird 4-IX (JMO).

Albufera. 1 bird from 1-X (CAA, GRC, BAZ, PAM) to 10-X (ELK).

Wintering:

Es Carnatge, Palma. 1 bird 26-XI (VDE).

Albufera. 1 bird 8-XII (VDE).

Menorca: Mongofre salt flats, Mercadal. 6 birds 23-IV (SLV).

Dunlin *Calidris alpina*

Status: Winters common (Mallorca), uncommon (Ibiza) and rare (Menorca-Formentera). Passage common and uncommon (Ibiza).

Selection: Phenology and monthly maximums.

Mallorca: Salobrar de Campos. A maximum of **300** birds 5-III (JMO). Monthly maximums and extreme dates (SUA; MUN; JMO; HIN; BAZ, PAM, SUR; VDE; LOP, MAC).

Albufera. Monthly maximums and extreme dates (PNAM; LOP, MAC, PAM, HIN; JMO).

Dates	I	II	III	IV	1*13**V	VI	VII	10*VIII	IX	X	XI	XII
Salobrar	152	145	300	+	2**	0	0	3* / 6	15	70	30	2
Albufera	35	>7	+	>4	12*	0	0	-	-	-	+	+

Estanys de se Sal, Colònia de Sant Jordi. 4 birds 15-I (MUN), 20 birds 19-II (LOP, MAC) and 3 birds 30-IV (MUN).

Es Carnatge, Palma. 8 birds 18-I (RIR, VDE, PAM), 2 birds 19-II (MAC, LOP) and 1 bird 26-XI (VDE).

Prat de Sant Jordi, Palma. 2 birds 25-II (MAC), 2 birds 29-IX (JMO), 9 birds 29-XI (VDE, PAM) and 3 birds 24-XII (VDE).

Albufereta, Pollença. 3 birds 1-V (HIN).

- Cabrera:* Estany de ses Gambes, Santanyí. 2 birds 12-V (MUN).
S'Illot, Sant Llorenç. 1 bird 29-IX (ELK).
- Menorca:* Paso Postnuptial: 1 bird 21-X (GEMI).
Addaia salt flats, Mercadal. 2 birds 21-VII and 19-IX (PNAG).
Mongofre salt flats, Mercadal. 1 bird ringed 12-IX (SLV).
Fornells salt flats, Mercadal. 7 birds 27-XI (LIG, PIR).
- Ibiza:* Ses Salines, Sant Josep. 2 birds 11-X (BAZ).

Purple Sandpiper *Calidris maritima*

Status: accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Baird's Sandpiper *Calidris bairdii*

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Little Stint *Calidris minuta*

Status: Winters common (Mallorca), uncommon (Ibiza) and rare (Formentera).

Passage common and uncommon (Ibiza-Formentera).

Selection: phenology, monthly maximums and records of special interest.

Mallorca: Salobrar de Campos. A maximum of 101 birds 7-III (JMO). Monthly maximums and extreme dates (SUA; MUN; JMO; LOP, BAZ, PAM, MAC; GAR).

Albufera. Monthly maximums (VDE; LOP, PAM, HIN, MAC; JMO; RES; ELK).

Dates	I	II	III	30*IV	V	3*VI	22*VII	14*VIII	IX	X	XI	XII
Salobrar	60	73	101	19 / 2*	-	0	-	2* / 25	20	25	10	>4
Albufera	29	+	4	3	2	1*	3*	+	+	2	+	+

Estany de se Sal, Colònia de Sant Jordi. 8 birds 15-I, 2 birds 30-IV and 2 birds 6-IX (MUN).

Pla de Vilafranca. 17 birds 26-I (CAA, GRC).

Prat de Sant Jordi, Palma. 1 bird 25-II (MAC). 2 birds 19 and 21-IX (BAZ, PAM).

Can Guidet irrigation reservoir, Palma. 3 birds 28-IV (MUN).

Albufereta, Pollença. 2 birds 11-IX (TOM).

S'Illot, Sant Llorenç. 1 bird 29-IX (ELK).

La Gola, Pollença. 1 bird 18-IX (FIO, CTOG).

Menorca: Mongofre salt flats, Mercadal. 1 bird 30-III (LIG, PIR) and 1 bird 28-IV (SLV). 1 bird 23-VII (LIG, PIR).

Addaia salt flats, Mercadal. 2 birds 23-V (PNAG).

Ibiza: Ses Salines, Sant Josep. 1 bird 11-X (BAZ).

Formentera: Estany Pudent. Postnuptial: from 4-VIII (8 birds) to 12-VIII (1 bird) (MEY).

White-rumped Sandpiper *Calidris fuscicollis*

Status: Vagrant.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Buff-breasted Sandpiper *Calidris subruficollis* (form. *Tryngites subruficollis*)

Status: Vagrant.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.



Little Stint *Calidris minuta*, Salobrar de Campos, 4th of January 2017.
Photo: Patrick Moussa.

Pectoral Sandpiper *Calidris melanotos*

Status: Passage rare.

Selection: all records received.

Mallorca: Prat de Sant Jordi, Palma. **1** bird from 29-IX to 8-X.

For more information about this accepted record, see the report by the Balearic Rarities Committee.

Jack Snipe *Lymnocyptes minimus*

Status: Winters uncommon (Menorca-Ibiza) and rare (Mallorca). Passage uncommon.

Selection: all records received and monthly maximums.

Mallorca: Albufera. Monthly maximums (PNAM; CAA; LOP, MAC, TYS; BAZ, PAM; RES).

Dates	I	II	2*III	2*IV	V	VI	VII	VIII	IX	X	26*X	XII
Albufera	-	-	2*	1	0	0	0	0	0	-	2*	2

Cabrera: Postnuptial: 1 bird 25-X (VIC).



Jack Snipe *Lymnocyptes minimus*, Albufera de Mallorca Natural Park, 24th of March 2017. Photo: Patrick Moussa.

Common Snipe *Gallinago gallinago*

Status: Winters abundant (Mallorca), common (Menorca-Ibiza) and uncommon (Formentera). Passage common (Mallorca-Menorca) and uncommon (Ibiza-Formentera).

Selection: phenology and records of special interest.

Mallorca: Albufera. Monthly maximums and extreme dates (PNAM; LOP, MAC, TYS; PAM).
Prat de Sant Jordi, Palma. Monthly maximums (HIN; RIR, VDE, PAM; SUA; JMO; BAZ; LOP).

Dates	I	II	III	20*III	2*IV	V	VI-VII	VIII	29*IX	X	XI	XII
Albufera	250	>6	>10	+	4*	-	0	-	-	-	+	+
P.S.Jordi	55	>1	40	4*	-	-	0	-	25*	20	4	+

Magaluf ponds, Calvià. 1 bird 11-I (VDE).
Albufereta, Pollença. 30 birds 13-I (RNSA).
Bassa de Cala Pi, Lluçmajor. 4 birds 30-IV (VIA).
Cala Murada, Manacor. 4 birds 9-V (VIA).

Postnupcial

Salobrar de Campos. First records, 1-IX (2 birds) (GON) and 1 bird 19-XI (LOP, SUR, MAC, SLV).
Albufereta, Pollença. 2 birds 21-XII (JMO).

Menorca: Albufera des Grau, Mahon. 1 bird 14-III, 5-X, 8-XI and 4-XII (PNAG).
Mongofre salt flats, Mercadal. 6 birds 17-III (SLV).
Prat de Son Bou, Alaior. 2 birds 8-VIII (LIG, PIR).
Menorca airport, Mahón. 1 bird 29-XI (LIG, PIR).

Formentera: Estany Pudent. 1 bird 28-IX (MEY).

Great Snipe *Gallinago media*

Status: Passage rare (Mallorca-Menorca).

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.



Black-tailed Godwit *Limosa limosa*, Albufera de Mallorca Natural Park, 17th of February 2017. Photo: Patrick Moussa.

Long-billed Dowitcher *Limnodromus scolopaceus*

Status: Vagrant.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Eurasian Woodcock *Scolopax rusticola*

Status: Winters abundant (Menorca) and common (Mallorca-Ibiza-Formentera).

Passage abundant (Menorca) and common (Mallorca-Ibiza).

Selection: Phenology and monthly maximums.

Mallorca: Prenuptial: last birds 8-III (1 bird) at Puig des Fangar, Campanet (GON) and 4-III (1 bird) at Coll des Coloms, Pollença (TAP).

Postnuptial: first records, 12-XI (1 bird) at S'Evangèlica, Andratx (BAZ) and 22-XI (1 bird) at Puig des Castel, Campanet (GON).

Ibiza: Benimussa, Sant Josep. S'enella 1 bird 15-XI (CAR).

Black-tailed Godwit *Limosa limosa*

Status: Winters uncommon (Menorca) and rare (Mallorca). Passage uncommon (Mallorca-Menorca-Formentera) and rare (Ibiza).

Selection: Phenology and monthly maximums.

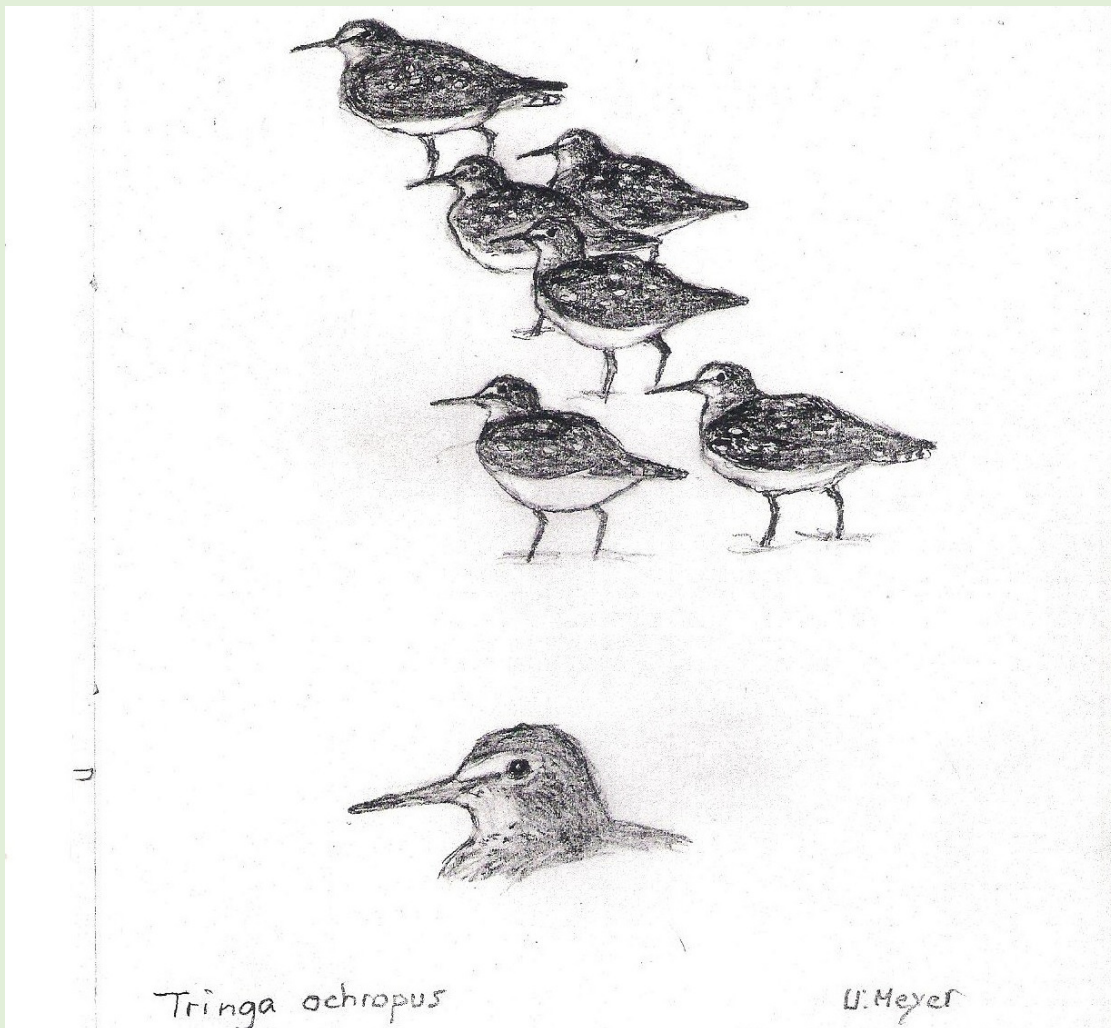
Mallorca: Albufera. Monthly maximums and extreme dates (MOU; VDE; MAC; ELK).

Dates	I	17*II	13*III	IV	V-VI	VII	VIII	28*IX	X	XI	XII
Albufera	0	1*	5*	-	0	0	-	1*	-	0	0

Salobrar de Campos. 1 bird 8-III (CAA, GRC) and 1 bird 27-III (JMO).

Menorca: Fornells salt flats, Mercadal. 1 bird 12-III with a *Philomachus pugnax* (LIG, PIR).

Formentera: Prenuptial: 1 bird at Estany Pudent 5-IV (BAZ).



Bar-tailed Godwit *Limosa lapponica*

Status: Winters rare (Ibiza). Passage uncommon (Mallorca-Ibiza-Formentera) and rare (Menorca).

Selection: Phenology and monthly maximums.

Mallorca: Prenuptial: 1 bird at Estany de ses Gambes, Santanyí 12-V (MUN).
Postnuptial: Albufera. 1 bird from 14-IX (BTT) to 5-X (RES).
 Salobrar de Campos. 1 bird 23-X (MAS, SUR).

Whimbrel *Numenius phaeopus*

Status: Winters rare (Mallorca-Ibiza). Passage uncommon.

Selection: Phenology and monthly maximums.

Mallorca: Wintering: 1 bird at la Colonia de Sant Jordi (Ses Salines) 10-I (MON).
Postnuptial migration: Albufera. 1 bird 13-VII (RES) and 1 bird 1-IX (TOM).
 Salobrar de Campos. 1 bird 25-VII (RES, FRT).
 Albufereta, Pollença. 4 birds 11-IX (TOM) and 1 bird 6-X (ART, MUÑ).
Menorca: Albufera des Grau, Mahon. 12 birds 26-VII (LIG, PIR).



Spotted Redshank *Tringa totanus*, Salobrar de Campos, 4th of January 2017.
Photo: Patrick Moussa.

Eurasian Curlew *Numenius arquata*

Status: Winters uncommon (Mallorca) and rare (Menorca-Ibiza). Passage uncommon (Mallorca) and rare (Menorca-Ibiza-Formentera).

Selection: Phenology and monthly maximums.

Mallorca: Salobrar de Campos. A maximum of 13 birds 10-VIII (BAZ, PAM, SUR). Monthly maximums and extreme dates (SUA; MUN; MAC; LOP, VDE, BAZ, MON; FIO; RES, FRT; PAM, SUR).

Dates	I	II	III	IV	16*V	VI	17*VII	VIII	IX	X	XI	XII
Salobrar	10	5	3	3	1*	0	1* / 3	13	11	3	1	1

Sa Barrala, Campos. 6 birds 9-II (MOU).

Albufera. 1 bird 20-VI (SOL). 1 bird 30-VIII (BAZ) and 1-IX (TOM).

Cabrera: 1 bird 17-IX (VIC).

Formentera: Estany Pudent. 1 bird in flight heading north 14-IV (KLA).

Terek Sandpiper *Xenus cinereus*

Status: accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Common Sandpiper *Actitis hypoleucos*

Status: Non-breeding summer visitor rare (Menorca-Ibiza). Winters common (Mallorca-Menorca) and uncommon (Ibiza-Formentera). Passage common.

Selection: Phenology and monthly maximums.

Mallorca: Albufera. Monthly maximums (PNAM; LOP, PAM, HIN, MAC; JMO; VDE; ELK).

Prat d'Alcúdia. Monthly maximums (MAC, MUN, HIN; LOP).
 Can Guidet irrigation reservoir, Palma. A maximum of **37** birds 28-IV (MUN). Monthly maximums (MUN).
 Salobrar de Campos. Monthly maximums (SUA; GON; MUN; GAR).

Dates	I	II	III	IV	12*13**27***V	VI	VII	11*28**VIII	IX	X	XI	XII
Albufera	2	1	5	23	6**	0	0	-	2	2	+	+
Prat Alcúdia	2	+	+	4	1***	0	0	-	0	0	-	2
Can Guidet	4	+	9	37	-	0	0	23*	8	+	8	+
Salobrar	1	-	3	5	12*	0	0	10**	10	+	+	+

Port d'Andratx. 1 bird 2-I (RIR, VDE, PAM).
 Albufereta, Pollença. 1 bird (RNSA).
 Estany des Ponts, Alcúdia. 2 birds 4-I (VDE).
 Estanys de se Sal, Colònia de Sant Jordi. 2 birds 9-I (MUN), 1 bird 19 and 20-II (LOP, MAC; MUN) and 2 birds 30-IV (MUN).
 Mondrago Natural Park, Santanyí. 2 birds 14-I (VDE, PAM).
 La Gola, Pollença. Present from 1-II (1 bird) to 1-V (1 bird) with a maximum of 2 birds on 11, 21-IV and 2-V (FIO, TYS, CTOG).
 Es Carnatge, Palma. 1 bird 20-II (VDE, PAM).
Postnuptial migration:
 Cúber reservoir, Escorca. 1 bird 1-VII (BAZ, RIR, VDE, PAM).
 Mondrago Natural Park, Santanyí. 1 bird 29-VII (AMG) and 6-VIII (FIO).
 Illot de na Moltona, Ses Salines. 2 birds 6-VIII (BAZ).
 Estanys de se Sal, Colònia de Sant Jordi. 1 bird 18-VIII and 2 birds 6-IX (MUN).
 Mondrago Natural Park, Santanyí. 1 bird 2-IX (MUN).
 La Gola, Pollença. Present from 7-IX (1 bird) to 25-XI (1 bird) (FIO, CTOG).
 Prat de Sant Jordi, Palma. 2 birds 19-IX (JMO), 3 birds 21-IX (BAZ), 1 bird 1-X, 3 birds 2-XI (LOP) and 1 bird 24-XII (VDE).
 Salobrar de Campos. 3 birds 10-XI (GAR).
 Banyalbufar. 1 bird at an irrigation pool 10-XI (GON, GDE).
 S'Avall, Ses Salines. 1 bird at Can Curt 12-XII (GON).

Cabrera: 1 bird 13-IX (VIC).

Menorca: Addaia salt flats, Mercadal. Monthly maximums (PNAG).

Dates	I	14-II	16-III	12-IV	V	VI	VII	VIII	19-IX	13-X	28-XI	18-XII
Addaia	-	1	3	3	0	0	0	-	2	4	1	2

Albufera des Grau, Mahon. Monthly maximums (PNAG).

Dates	I	II	14-III	IV	3-V	VI	VII	1-VIII	12-IX	5-X	8-XI	4-XII
Albufera	0	0	1	0	2	0	0	2	4	2	1	1

Formentera: Estany des Peix. Wintering:, 1 bird 5 and 12-I. Prenuptial: 1 bird 30-IV. Postnuptial: present from 6-X (1 bird) to 21-XI (1 bird) (KLA).
 Estany Pudent. Postnuptial: 1 bird 3 and 4-VIII and 2 birds 12-X (MEY).
 Sant Francesc water treatment plant. 1 bird 24-X (MEY).

Green Sandpiper *Tringa ochropus*

Status: Winters uncommon (Menorca-Ibiza) and rare (Mallorca). Passage common (Mallorca-Menorca) and uncommon (Ibiza-Formentera).

Selection: Phenology and monthly maximums.

Mallorca: Albufera. Monthly maximums (PNAM; JMO; VDE; ELK).
Salobrar de Campos. Monthly maximums and isolated records in brackets (MUN; BAZ; GON).
Prat de Sant Jordi, Palma. Monthly maximums (SUA; MEL; BAZ, VDE, PAM; JMO).

Dates	I	II	13*15**III	29*IV	V	25*VI	VII	VIII	1*10**IX	10*X	4*XI	XII
Albufera	4	+	2*	-	0	0	0	-	-	2*	-	-
Salobrar	-	1	9**	-	0	(3)*	0	-	2*	-	-	-
Sant Jordi	1	-	2	1*	0	0	0	-	1**/ 10	4	4*	-

Albufereta, Pollença. 1 bird 13-I (RNSA) and 1 bird 21-XII (JMO).
Son Navata pools, Felanitx. 1 bird 23-II (JMO).
Can Guidet irrigation reservoir, Palma. 2 birds 2-IV (SUA).
La Gola, Pollença. 2 birds 9-VIII, 1 bird 10-VIII, 5 birds 2-IX and 1 bird 20-29-IX (FIO, CTOG).

Menorca: Albufera des Grau, Mahon. Monthly maximums (PNAG; BAZ; SLV).

Dates	I	II	III	IV	V	VI	VII	VIII	8-11-IX	5-X	8-XI	XII
Albufera	0	0	0	0	0	0	0	0	1	1	2	0

Lluriach wetland, Mercadal. 3 birds 17-VI (PIR, LIG).

Ibiza: Buscastell torrent, Sant Antoni. 1 bird 19-III (MMA).

Ses Salines, Sant Josep. 3 birds 6-IV (BAZ).

Formentera: Estany Pudent. Postnuptial: present from 8-VIII (6 birds) to 13-VIII (1 bird heard) (MEY).

Spotted Redshank *Tringa erythropus*

Status: Non-breeding summer visitor rare (Mallorca). Winters uncommon (Mallorca) and rare (Menorca-Ibiza). Passage common (Mallorca) and uncommon (Menorca-Ibiza-Formentera).

Selection: Phenology and monthly maximums.

Mallorca: Albufera. Monthly maximums and extreme dates (PNAM; LOP, MAC; VDE; MCM; JMO; RES; ELK; BAZ, PAM).
Salobrar de Campos. Monthly maximums, isolated records in brackets (SUA; JMO; BAZ; MMM; GON; MUN; MAC; LOP, SUR, SLV).

Dates	I	II	III	28*IV	27*V	VI	14*VII	VIII	19*IX	X	XI	XII
Albufera	29	>1	>1	30	5 / 1*	0	25*	+	45	3	+	+
Salobrar	6	6	14	15 / 4*	-	0	-	-	10*/ 22	3	8	4

Albufereta, Pollença. 1 bird 18-I (VDE).

Menorca: Mongofre salt flats, Mercadal. 1 bird 4-I. 1 bird 19-XI (LIG, PIR).

Albufera des Grau, Mahon. Monthly maximums (PNAG).

Dates	16-I	II	III	IV	V	VI	VII	1-VIII	12-IX	5-X	XI	4-XII
Albufera	1	0	0	0	0	0	0	2	3	1	0	2

Addaia salt flats, Mercadal. 10 birds 12-IV (PNAG).

Fornells salt flats, Mercadal. 1 bird 14-III (SLV).

Greater Yellowlegs *Tringa melanoleuca*

Status: Vagrant.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Common Greenshank *Tringa nebularia*

Status: Winters uncommon (Mallorca-Ibiza) and rare (Menorca-Formentera).

Passage common (Mallorca) and uncommon (Menorca-Ibiza-Formentera).

Selection: Phenology and monthly maximums.

Mallorca: Albufera. Monthly maximums (VDE; BAZ, HIN; ELK).

Albufereta, Pollença. Monthly maximums (RNSA; VDE; JMO; TOM).

Salobrar de Campos. Monthly maximums, extreme dates with asterisk (MUN; JMO; VDE; MAS, SUR; RES, FRT; GON, BON; BAZ, PAM; LOP; ELK; MAC, SLV).

Dates	I	II	III	IV	1*V	VI	25*VII	VIII	IX	X	XI	XII
Albufera	13	+	+	10	3*	0	-	-	2	+	+	+
Albufereta	2	6	-	-	-	0	-	-	-	-	6	1
Salobrar	22	8	4	8	1*	0	1*	4	18	1	2	6

Estany des Ponts, Alcúdia. 6 birds 26-I (RES).

La Gola, Pollença. 1 bird 10-II, 24-II, 31-III and 4-IV. 1 bird 5-X (FIO, CTOG).

Prat de Sant Jordi, Palma. 4 birds 19-IX (JMO).

Menorca: Albufera des Grau, Mahon. Monthly maximums (PNAG; LIG, PIR).

Dates	16-I	16-II	14-III	7-IV	3-V	15-VI	4-16-VII	1-VIII	12-IX	5-X	8-XI	4-XII
Albufera	2	2	2	3	3	1	1	3	3	7	3	4

Addaia salt flats, Mercadal. Monthly maximums (PNAG).

Dates	I	14-II	16-III	12-IV	V	VI	VII	VIII	IX	13-X	28-XI	18-XII
Addaia	-	3	6	6	0	0	0	-	0	1	2	1

Son Saura del Nord, Mercadal. 13 birds 21-XI (LIG, PIR).

Formentera: Estany Pudent. Postnuptial: present from 2-VIII (1 bird) to 21-XI (2 birds) (KLA;MEY), with a maximum flock of 7 birds 15-VIII (MEY).

Lesser Yellowlegs *Tringa flavipes*

Status: Vagrant.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Marsh Sandpiper *Tringa stagnatilis*

Status: Passage rare.

Selection: all records received.

Mallorca: Prenuptial migration:

Salobrar de Campos. 6 birds 15-III (MAC, HIN) and 5 birds 7-IV (RES, FRT).

Albufera. 1 bird 23-IV (MCM).

Postnuptial migration: 1 adult from 17 to 19-IX at Albufera (MFF).

Wood Sandpiper *Tringa glareola*

Status: Winters rare (Mallorca). Passage common and uncommon (Ibiza).

Selection: Phenology and monthly maximums.

Mallorca: Wintering: 2 birds in the Casablanca area, Palma 29-I (MUN).

Prenuptial migration:

Albufera. Monthly maximums and extreme dates (PNAM; JMO; BRC; MAC, HIN; TOM; ELK).

Prat de Sant Jordi, Palma. Monthly maximums (RES; VDE; BAZ).

Es Salobrar,(Campos. Un màxim de **50** birds 28-IV (MUN). Monthly maximums (MUN; MAS, SUR; BAZ, VDE, PAM; JMO).

Dates	I	II	14*19**III	14*20**IV	1*V	VI	13*VII	VIII	6*21**IX
Albufera	2	-	1**	10 / 2**	0	0	0	-	1*
Sant Jordi	0	0	1*	8*	0	0	0	-	5**
Salobrar	0	0	-	50	4*	0	1*	13	2*

Dates	1*22**X	XI	XII
Albufera	7*	0	0
Sant Jordi	3 / 2*	0	0
Salobrar	-	0	0

La Gola, Pollença. Present from 5-IV (2 birds) (TYS, CTOG) to 21-IV (2 birds) (FIO, CTOG).

Can Guidet irrigation reservoir, Palma. 1 bird 28-IV and 2 birds 11-VIII (MUN).

Estany de ses Gambes, Santanyí. 1 bird 12-V (MUN).

Salines de se Sal, Colònia de Sant Jordi. 1 bird 21-VII (BAZ, PAM).

Prat d'Alcúdia. 1 bird 11-VIII (ART, MUÑ; BAZ, PAM; VDE).

Albufereta, Pollença. 1 bird 16-XI (TOM).

Cabrera: 6 birds 13-IX (VIC).

Menorca: Albufera des Grau, Mahon. Monthly maximums (PNAG; SLV).

Dates	I	II	III	7-IV	3-V	15-VI	VII	VIII	11-12-IX	X	8-XI	XII
Albufera	0	0	0	2	1	1	0	0	1	0	1	0

Fornells salt flats, Mercadal. 1 bird vist per the area from 8-I to 12-III (LIG, PIR).

Addaia salt flats, Mercadal. 4 birds 12-IV (PNAG).

Lluriach wetland, Mercadal. **50** birds disturbed by a Peregrine Falcon 16-IV (LIG, PIR).

Mongofre salt flats, Mercadal. 4 birds 15-VII (SLV).

Ibiza: Ses Salines, Sant Josep. 7 birds 6-IV (BAZ).

Formentera: Estany Pudent. Postnuptial: 2 birds 8-VIII, 1 bird heard 11 and 13-VIII (MEY).

Common Redshank *Tringa totanus*

Status: Breeding uncommon (Mallorca). Winters common (Mallorca), uncommon (Ibiza) and rare (Menorca-Formentera). Passage common.

Selection: Breeding, monthly maximums and phenology.

Mallorca: Albufera. Breeder. Monthly maximums (PNAM; VDE; TOM).

Salobrar de Campos. Nesting birds observed from 16-V (LOP). A maximum of 51 bird 29-IV (MUN). Monthly maximums (MUN; VDE; MAS, SUR; LOP, MAC; RES; GON).

Dates	I	II	III	IV	16*V	VI	VII	VIII	11*IX	23*X	XI	XII
Albufera	1	-	12	+	-	-	-	-	45*	-	-	-
Salobrar	28	25	>1	51	12*	+	+	24	15	3*	+	+

Prat de Sant Jordi, Palma. 1 bird 29-IV (MEL). 1 bird 19-IX (JMO).

La Gola, Pollença. 2 birds 16-XI (MAT, CTOG).

Menorca: Addaia salt flats, Mercadal. Monthly maximums (PNAG; LIG, PIR).

Dates	I	14-II	16-III	IV	V	VI	VII	1-6-VIII	IX	5-X	XI	XII
Addaia	-	0	1	0	0	0	0	1	0	2	-	-

Mongofre salt flats, Mercadal. 1 bird 21-III. 22 birds 28-IV. 1 bird 22-IX (SLV).

Formentera: Estany Pudent. Prenuptial: 1 bird 21-V (KLA).

Ruddy Turnstone *Arenaria interpres*

Status: Winters rare (Mallorca-Ibiza-Formentera). Passage uncommon (Mallorca-Menorca) and rare (Ibiza-Formentera).

Selection: phenology, monthly maximums and all records received from Menorca and Ibiza.

Mallorca: Wintering:

Palma bay. A maximum of 16 birds at Es Carnatge 20-II (VDE, PAM).
Badia d'Alcúdia. A maximum of 12 birds at the Son Real coast 15-I (RES).

Illot de na Cabots, Ses Salines. A maximum of 4 birds 14-II (LOP, HIN, MAC).

Prenuptial migration: last record, 7 birds 2-VI (RES) and a maximum of 17 birds 25-V (MMM), both at Salobrar de Campos.

Postnuptial migration: first records, 13 birds at Ses Covetes, Campos 12-VII (VIC).

Wintering:

Ses Salines. A maximum of **20** birds at Cala en Tugores, Ses Salines 30-XII (MAC, PAM).

Palma bay. A maximum of 9 birds at Es Carnatge 26-XI (VDE).

Menorca: Punta Prima, Sant Lluís. 4 birds 21-VIII (LIG, PIR).

Formentera: Estany Pudent. Prenuptial: 3 birds 5-IV (BAZ) and 2 birds on 7 and 9-IV (KLA). Postnuptial: 1 bird 30-X (MEY).

Wilson's Phalarope *Phalaropus tricolor*

Status: Vagrant.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Red-necked Phalarope *Phalaropus lobatus*

Status: Accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Cream-coloured Courser *Cursorius cursor*

Status: Accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Collared Pranticole *Glareola pratincola* *Status*: Passage uncommon (Mallorca) and rare (Menorca-Ibiza-Formentera).

Selection: Phenology and monthly maximums.

Mallorca: Prenuptial migration:

Albufera. Present from 24-III (1 bird) (RES, FRT) to 28-VI (1 bird) (BAZ, RIR, VDE, PAM), a maximum of **20** birds in flight 20-V (FAV) and 3 birds 23-IV (MCM).

Salobrar de Campos. Present from 27-III (1 bird) (MON) to 14-V (1 bird) (HIN), with a maximum of 2 birds 29-IV (MUN).

Prat de Sant Jordi, Palma. 1 bird 16-IV (BRC).

Menorca: Sant Climent, Mahon. 1 bird 20-IV (LIG, PIR).

Mongofre salt flats. 1 bird 26-IV (LIG, PIR).

Black-winged Pranticole *Glareola nordmanni*

Status: Accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Pomarine Skua *Stercorarius pomarinus*

Status: Accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Parasitic Jaeger *Stercorarius parasiticus*

Status: Accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Long-tailed Jaeger *Stercorarius longicaudus*

Status: Accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Great Skua *Stercorarius skua*

Status: hibernant and Passage uncommon (Mallorca-Menorca-Formentera) and rare (Ibiza).

Selection: Phenology and monthly maximums.

Mallorca: Prenuptial migration: last record, 1 bird at Cap Gros, Sóller 6-V (RAMM). A maximum of **5** birds 8-III at Punta de n'Amer (RES).
Postnuptial migration: First record, 1 bird at Cap Gros 5-VIII (RAMM).
Cabrera: 1 bird 8-IV (LOP, MTN, VIC, MAC, *et al.*).

Common Murre *Uria aalge*

Status: Accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Razorbill *Alca torda*

Status: Winters uncommon (Mallorca-Ibiza-Formentera) and rare (Menorca).

Selection: all records received.

Mallorca: Portocolom, Felanitx, 1 bird 8-I (MON; GUT; LOP).
Ciutat Jardí, Palma. 2 birds 11-I (VDE; MAC; BRC) and 1 bird 30-I (VDE).
Cap de Ses Salines, Santanyí. 2 birds 11-II (MON) and 1 bird 12-II (MON; MAC, BRC, HIN).
Off shore, 1 bird 13 nm south of Palma 11-III (RES, MAC).
Menorca: Cap de Cavalleria, Mercadal. 1 bird 5-I (FEB) and 19-II (CAA, GRC).
Sa Mesquida, Mahon. 1 dead bird washed up on the beach 27-I (TYS).

Atlantic Puffin *Fratercula arctica*

Status: Winters uncommon.

Selection: all records received.

Mallorca: Cap de Ses Salines, Santanyí. **1** bird 10-II (CSR) and 11-II (MON).
Menorca: Menorca channel. **1** bird alighted on the sea 20-II (GRC, CAA).

Little/Least Tern *Sternula albifrons* (formerly *Sterna albifrons*)

Status: Passage uncommon (Mallorca) and rare (Menorca-Ibiza-Formentera).

Selection: all records received.

Mallorca: Albufereta, Pollença. 1 adult 27-IV (MFF).

Albufera. 1 bird 20 and 27-VI (SOL; RES) and **3** adults 13-VII (RES).

Gull-billed Tern *Gelochelidon nilotica* (formerly *Sterna nilotica*)

Status: Passage uncommon (Mallorca-Formentera) and rare (Menorca-Ibiza).

Selection: Phenology and monthly maximums.

Mallorca: Prenuptial migration: present from 27-III to 19-IV.

Pas postnupcia, present between 13-VII to 14-VIII.

Salobrar de Campos. A maximum of a group of **17** birds 16-V (LOP, MAC). Monthly maximums and extreme dates (JMO; BAZ, TYS; LOP, MAC; MMM).

Albufera. A maximum of **10** birds 8-VIII (BAZ). Monthly maximums (VIC, TYS; JMO; BAZ).

Dates	I-II	27*III	25*IV	1*V	19*V	VI	13*VII	8*14**VIII	IX
Salobrar	0	1*	1	17	4*	0	1*	1**	0
Albufera	0	0	1*	1*	-	0	0	10*	0

Dates	X	XI	XII
Salobrar	0	0	0
Albufera	0	0	0

Menorca: Albufera des Grau, Mahon. 2 birds fishing 14-VI (TJD).

Caspian Tern *Hydroprogne caspia* (formerly *Sterna caspia*)

Status: Passage rare (Mallorca-Menorca-Ibiza).

Selection: all records received.

Mallorca: Cap de Ses Salines, Santanyí. **1** bird 18-IX.

For more information about this accepted record, see the report by the Balearic Rarities Committee.

Whiskered Tern *Chlidonias hybrida*

Status: Passage common (Mallorca), uncommon (Menorca-Ibiza) and rare (Formentera).

Selection: phenology.

Mallorca: Albufera. Monthly maximums and extreme dates (MAC, LOP, RIR, HIN, SCH; JMO; PAM, VDE).

Salobrar de Campos. Monthly maximums (RES, FRT; HIN; BAZ, VDE, PAM).

Dates	I-II	18*III	7*IV	V	13*V	VI	14*VII	16*VIII	20*VIII	IX	X-XI	XII
Albufera	0	1*	1	3	2*	0	2*	-	-	-	0	0
Salobrar	0	-	3*	1	1*	0	-	2*	1*	-	0	0

Menorca: Prat de Son Bou, Alaior. 1 bird 27-V (LIG, PIR).

Black Tern *Chlidonias niger*

Status: Passage uncommon (Mallorca-Menorca) and rare (Ibiza-Formentera).

Selection: Phenology and monthly maximums.

Mallorca: Prenuptial migration:

Can Guidet irrigation reservoir, Palma. 2 birds 28-IV (MUN).

Albufera. 1 bird 30-IV (JMO; MAC, LOP, HIN).

Postnuptial migration:

Salobrar de Campos. 1 bird 14 and 16-VIII (MUN; VDE, PAM).

White-winged Tern *Chlidonias leucopterus*

Status: Passage uncommon (Mallorca) and rare (Menorca-Ibiza-Formentera).

Selection: all records received.

No sightings reported.

Sandwich Tern *Sterna sandvicensis*

Status: Winters common (Ibiza) and uncommon (Mallorca-Menorca-Formentera).

Passage uncommon.

Selection: Phenology and monthly maximums.

Mallorca: Wintering:

S'Albufereta. 35 birds 13-I (PNAM).

Albufereta, Pollença. 8 birds 13-I (RNSA).

Cap de Cala Figuera, Calvià. 8 birds 4-II (RAMM).

Estanys de se Sal, Colònia de Sant Jordi. 4 birds 28-II (VDE).

Prenuptial migration:

Palma bay (Palma port, Ciutat Jardí, Portixol, Cala Gamba). A maximum of **56** birds at Ciutat Jardí 8-III (BRC). A juvenile begging for food from an adult at Palma port 1-XI (RES). Monthly maximums, extreme dates with asterisk and isolated records in brackets (VDE, PAM; BRC; BAZ; JMO; RES).

Dates	I	II	III	15-III*	IV	V	7-VI	VII	11-VIII*	IX	X	XI	XII
Palma bay	20	14	56	15	-	0	(1)	0	2	1	+	12	+

S'Estalella, Lluçmajor. 3 birds 26-III (RIR, VDE, PAM).

Salobrar de Campos. 2 birds 15-V (MMM).

Portocolom, Felanitx. 3 birds flying along the coast 26-V (RES) and 1 bird 30-V (VIC).

Postnuptial migration:

Albufera. 3 birds 30-IX (ELK).

Wintering:

Cap de Ses Salines, Santanyí. 2 birds 26-XI (MAC, LOP).

Portocolom, Felanitx. 4 birds 2-XII (RAMM).

Albufereta, Pollença. 1 bird 24-XII (LOP, MAC).

Pollença bay. 3 birds 28-XII (HOF).

S'Estalella, Lluçmajor. 3 birds 31-XII (MMM).

Es Pantaleu: Andratx. 2 birds 25-IV (MCM).

Menorca: Mahon port. First winterers seen 15-X (ESC).

Lesser Crested Tern *Sterna bengalensis*

Status: accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Common Tern *Sterna hirundo*

Status: Breeding rare (Mallorca). Passage uncommon (Mallorca) and rare (Menorca-Ibiza-Formentera).

Selection: all records received.

Mallorca: Albufera. Nests observed from 6-V and juveniles 28-VI (LOP). Monthly maximums and extreme dates with asterisk (BRC; RES; RIR, VDE, PAM; TOM; BAZ, RIR, VDE, PAM). Albufereta, Pollença. Breeder?. Monthly maximums (HIN; TOM).

Dates	I	II	25*III	13*IV	V	VI	VII	VIII	IX	X	XI	XII
Albufera	0	0	3* / 4	5	20	+	36	-	0	0	0	0
Albufereta	0	0	-	2*	2	-	-	-	0	0	0	0

Prat d'Alcúdia. 1 bird 15-VII (RIR, VDE, PAM).

Roseate Tern *Sterna dougallii*

Status: accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Little Gull *Hydrocoloeus minutus* (formerly *Larus minutus*)

Status: Winters rare. Passage rare (Mallorca-Menorca-Ibiza).

Selection: all records received.

Mallorca: Wintering: present from 25 to 30-I with **1** bird at Prat d'Alcúdia. (CAA, GRC; MAC; RES; ART, MUÑ; LOP). Pre-nuptial migration: **1** bird 24 and 25-III at Albufera. (LOP, RIR, VDE, MAC, HIN).

Black-legged Kittiwake *Rissa tridactyla*

Status: Winters uncommon (Menorca-Formentera) and rare (Mallorca-Ibiza-Formentera).

Selection: all records received.

No sightings reported.

Slender-billed Gull *Larus genei*

Status: Winters rare (Mallorca-Ibiza-Formentera). Passage uncommon (Mallorca-Formentera) and rare (Menorca-Ibiza).

Selection: all records received.

Mallorca: Pre-nuptial migration Palma bay. 6-III, 1 bird at Cala Estància (MAC) and **2** birds at Cala Gamba (HIN). Salobrar de Campos. **2** birds 2-V (MMM).

Black-headed Gull *Larus ridibundus*

Status: Non-breeding summer visitor uncommon (Mallorca). Winters abundant (Mallorca) and common (Menorca-Ibiza-Formentera). Passage abundant (Mallorca-Formentera), common (Ibiza) and uncommon (Menorca). Occasional breeder 1989 and 2015 (Mallorca).

Selection: Breeding, phenology and monthly maximums.

Mallorca: Palma bay (Palma port, Portixol, Cala Gamba). Monthly maximums and extreme dates (RES, TOE; MUN; VDE). Albufera. Nesting birds observed from 29-IV, chicks from 24-VI (LOP). Monthly maximums (PNAM; LOP, MAC, HIN; SUA; TOM). Prat d'Alcúdia. Monthly maximums (LOP, SCH, HIN, MAC; MUN; RIR, VDE, PAM).

Salobrar de Campos. Nesting birds observed from 16-V (LOP).
 Monthly maximums (JMO; MUN; VDE; LOP, MAC).
 Prat de Sant Jordi, Palma. Monthly maximums (HIN; VDE, PAM; LOP).

Dates	I	II	5*III	22*IV	V	VI	15*VII	11*VIII	IX
Palma bay	678	+	>80	-	-	-	-	12*	+
Albufera	32	+	+	10	16	5, P	+	+	25
Prat Alcúdia	86	+	3	1*	-	-	66*	-	-
Salobrar	12	8	4	+	11	+	+	165	145
Sant Jordi	260	225	118*	-	-	-	-	-	-

Dates	20*X	XI	XII
Palma bay	>80	300	450
Albufera	+	+	+
Prat Alcúdia	-	-	50
Salobrar	+	+	+
Sant Jordi	150*	200	200

Estany des Ponts, Alcúdia. 3 birds 6-I (MUN).

Albufereta, Pollença. 42 birds 13-I (RNSA), 50 birds 11-IX (TOM) and 6 birds 24-XII (LOP, MAC).

Estanys de se Sal, Colònia de Sant Jordi. 10 birds 15-I (MUN) and 2 birds 13-II (RIR, VDE, PAM).

La Gola, Pollença. 15 birds 1-II, 1 bird on 24-VII, 10-VIII, 5-IX and 14-X and 4 birds 7-XI (FIO, CTOG).

Santa Ponça beach, Calvià. 4 birds 15-VII (GRC, CAA).

Cap de Cala Figuera, Calvià. 10 birds 5-VIII (RAMM).

Menorca: Albufera des Grau, Mahon. 4 adults and 2 juveniles 26-VII (LIG, PIR).
 Monthly maximums (LIG, PIR; PNAG).

Dates	I	II	III	IV	V	VI	26-VII	1-VIII	12-IX	X	XI	XII
Birds	0	0	0	0	0	0	4+2 J	2	2	0	0	0

Son Saura del Nord, Mercadal. 1 bird 18-VI (LIG, PIR).

Audouin's Gull *Larus audouinii*

Status: Breeding and common Resident (Formentera). Breeding common (Mallorca-Menorca-Ibiza). Winters common (Ibiza-Formentera), uncommon (Mallorca) and rare (Menorca).

Selection: Breeding and records of special interest.

Balearics: this year **652** pairs have been counted. Colonies were located at 8 localities: 226 pairs on Illa de sa Conillera in Ibiza, 195 pairs on Illa de S'Espardell in Formentera, 99 pairs on Illa des Conills in Cabrera, 75 pairs on Dragonera and 64 pairs in Mallorca (in 4 colonies). 29 previous breeding localities were also visited in Ibiza and Formentera. The downward population trend continues, with a 9 % decrease in regards to 2016 (see the article by Esteban Cardona in the 2016 BBR) (CAR, Servei d'Agents de Medi Ambient).

Mallorca: **64** pairs were counted. Colonies were located at 4 different localities: Cala Figuera, Santanyí, Punta de Ses Meleres in Manacor, Illa de Formentor and a Illot de Punta Conills in Pollença. The census resulted negative at Mola d'Andratx, Illes Malgrats, Illa del Toro and Illes dels dos Pams, Rrafaubeig coast, Sa Porrassa in Palma bay, Cap Enderrocat, Punta de Canets and Marina de Lluçamet in coastal Lluçmajor, Na Guardis, Na Moltona, Na Pelada islets in Ses Salines,

Illot d'en Curt, Santanyí and the Cap des Freu area in Capdepera (MUN, Servei d'Agents de Medi Ambient).
 Palma bay (Palma port, Portixol, Ciutat Jardí, Carnatge). Monthly maximums (VDE, PAM; BAZ; MUN).
 Estanys de se Sal, Colònia de Sant Jordi. Monthly maximums (MUN; RIR, VDE, PAM; BAZ, SUR; LOP, MAC).

Dates	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
Palma bay	7	12	6	+	+	35	+	28	55	+	2	2
Estanys de se Sal	23	16	-	2	-	2	-	43	20	+	19	12

- Cabrera:** Punta de ses Meleres, Manacor. Breeding colony **40** birds 21-V (ALO). **99** pairs were counted at the only colony which is located on Illa des Conills, (MUN, Servei d'Agents de Medi Ambient).
Sa Dragonera: Andratx. Breeding colony of between 60 and **75** pairs 17-V. Juveniles observed from 23-VI (50 J) (MAC).
Sa Conillera: (Sant Antoni de Portmany). **226** breeding pairs counted, the largest colony in the Balearics (CAR, Servei d'Agents de Medi Ambient).
S'Espardell: (Sant Francesc Xavier). **195** breeding pairs counted (CAR, Servei d'Agents de Medi Ambient).

Mediterranean Gull *Larus melanocephalus*

Status: Winters uncommon (Mallorca-Ibiza) and rare (Menorca-Formentera). Passage rare (Menorca) and uncommon (Mallorca-Ibiza). Occasional breeder 1984 (Mallorca).

Selection: all records received.

Mallorca: Wintering:

Portocolom, Felanitx. 6 birds 11-II (JMO).

Palma bay (Palma port, Portixol, Ciutat Jardí). Monthly maximums and extreme dates (SUA; VDE, PAM; MUN; RES).

Dates	I	II	III	15-III*	IV-V	VI	VII	VIII	17-IX*	X	XI	XII
Palma bay	6	1	11	1	0	0	0	0	1	-	1	2

Pre-nuptial migration: a maximum of **11** birds at Moll Vell (Palma port) 5-III (MUN). Last records, 15-III (1 bird) to Portixol (VDE, PAM) and 1 juvenile 13 nm south of Palma 11-III (RES, MAC).

Post-nuptial migration: First records, 1 bird at Estanys de se Sal, Colònia de Sant Jordi 30-VII (BAZ, VDE, PAM). Last record, 1 juvenile at Palma port 1-XI (RES).

Wintering: 2 birds at Portocolom, Felanitx 2-XII (RAMM).

Menorca: Punta Prima, Sant Lluís. 1 bird 5-IX with 3 *Larus audouinii* (ARL).

Illa de l'Aire: 1 adult in flight over the sea 11-X (FLO).

Ibiza: Off shore, 1 bird northeast of the island 15-II (BAZ).

Mew Gull *Larus canus*

Status: accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Lesser Black-backed Gull *Larus fuscus*

Status: Winters uncommon (Mallorca) and rare (Menorca-Ibiza). Passage uncommon (Mallorca-Menorca) and rare (Ibiza-Formentera).

Selection: phenology and subspecies.

Mallorca: Wintering: Son Vida Golf, Palma. 1 bird 9-I (MAC, LOP, VDE, PAM).

Prat d'Alcúdia. Maristany area, 1 third winter immature 27-I (CAA, GRC).

Palma port. Moll Vell area: Monthly maximums and extreme dates (MUN; RES).

Dates	I	II	3-III*	14-III*	IV-V	VI	VII	16-VIII*	3-IX*	X	XI	XII
Palma port	3	-	1	3 Ad 1 J-1 ^o wi	0	0	0	1 Ad, 5 J-1 ^o wi	2 Ad, 1 J-3 ^o wi 2 J-1 ^o wi	-	1	2 Ad, 1 J-2 ^o wi 1 J-1 ^o wi

Prenuptial migration: first record, 1 first winter juvenile at Prat de Sant Jordi, Palma on 3 and 4-III (RES; SUA). Last records, 3 adults and 1 first year juvenile at Palma port 14-III (RES) and 3 birds at Can Guidet irrigation reservoir, Palma 9-III (CAA, GRC).

Postnuptial migration: first records, 1 adult and 5 first winter juveniles at Palma port 16-VIII (MUN). Last record, 1 bird at Prat de Sant Jordi 18-X (RIR, VDE).

Wintering:

Can Guidet irrigation reservoir, Palma. 1 bird 1-XI (MAC, BAZ, MUN, PAM).

Albufera. 1 bird 3-XI (ART, MUÑ).

Cap Gros, Sóller. 1 bird 2-XII (RAMM).

Prat de Sant Jordi, Palma. 2 birds 21-XII (VDE).

Portocolom, Felanitx. 1 bird 29-XII (VIC, GUT).

Menorca: Mahon port. 2 birds together with a group of Yellow-legged Gull 2-X (LIG, PIR).

Sa Conillera: Sant Josep. 3 third winter immatures and 1 second winter immature, in flight heading north 14-IV (CAA, GRC, GLL).

Lesser Black-backed Gull *Larus fuscus graellsii*

Status: Winters uncommon (Mallorca) and rare (Menorca-Ibiza). Passage uncommon (Mallorca-Menorca) and rare (Ibiza).

Selection: all records received.

Mallorca: Postnuptial migration:

Palma bay. **1** bird 9-IX (SUA).

Albufera. **1** adult 30-IX (ELK).

European Herring Gull *Larus argentatus*

Status: accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Caspian Gull *Larus cachinnans*

Status: accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Yellow-legged Gull *Larus michahellis*

Status: Breeding and Resident abundant.

Selection: Breeding and records of special interest.

Mallorca: Palma bay (port, Portixol, Es Molinar). Monthly maximums (MUN).

Dates	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
Palma bay	138	+	+	+	+	+	+	350	+	+	30	+

Port de Sóller. **750** birds 4-II (SUA).
 Illa de sa Porrassa, Calvià. 310 birds 5-II (MCM).
 Salobrar de Campos. 220 birds 14-V (MMM).
 Pollença bay. 210 birds 24-XII (LOP, MAC).

Cabrera: Breeder. Illa des Conills. 450 birds over the island 8-XII (VIC).
Menorca: Albufera des Grau, Mahon. Monthly maximums (PNAG).

Dates	16-I	16-II	14-III	7-IV	3-V	15-VI	4-VII	1-VIII	12-IX	5-X	8-XI	4-XII
Albufera	71	139	79	22	71	28+P	29	3	24	8	42	141

Addaia salt flats, Mercadal. Monthly maximums (PNAG).

Dates	I	14-II	16-III	12-IV	23-V	20-VI	21-VII	VIII	19-IX	13-X	28-XI	18-XII
Addaia	-	5	3	3	4	8	2	-	2	1	3	2

Sa Conillera: Sant Josep. 6 ringed chicks 9-VI (GRC).

Formentera: Estany Pudent and salines. Monthly maximums (KLA; MEY).

Dates	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
Pudent	+	+	+	+	+	+	+	5	27	100	62	+

Can Parra. Daily presence at the olive grove after the harvest from 5-XI (60 birds) to 31-XII (100 birds) (KLA).

Great Black-backed Gull *Larus marinus*

Status: accidental.

Selection: all records received.

Mallorca: Palma port. **1** bird 14-VIII.

For more information about this accepted record, see the report by the Balearic Rarities Committee.

Rock Dove *Columba livia*

Status: Breeding and Resident abundant (Mallorca-Menorca) and uncommon (Ibiza). Winters rare (Formentera).

Selection: Breeding and maximums.

Mallorca: Mortitx, Escorca. 110 birds, the majority pure, with some (10 %) domestic mixes 8-I (MAC).

Cabrera: 1 bird 22-IX (GORA).

Stock Dove *Columba oenas*

Status: accidental (Mallorca-Menorca).

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Common Wood Pigeon *Columba palumbus*

Status: Breeding and Resident abundant (Mallorca) and common (Menorca-Ibiza-Formentera). Winters common (Menorca-Ibiza) and uncommon (Mallorca).

Passage uncommon (Mallorca).

Selection: Breeding, monthly maximums and records of special interest.

Mallorca: Escorca. A flock of 400 birds 12-II (VDE, PAM).

Collared Dove *Streptopelia decaocto*

Status: Breeding and Resident abundant (Mallorca-Menorca-Ibiza) and rare (Formentera). Recent colonization: Nineties in Mallorca, 1997 in Menorca, 1999 in Ibiza and 2004 in Formentera.

Selection: Breeding and new localities.

Formentera: Can Parra. 2 birds 7-VII (KLA).

Camí de Can Marroig. 2 birds 3-IX (KLA).

European Turtle Dove *Streptopelia turtur*

Status: Breeding abundant (Ibiza) and common (Mallorca-Menorca-Formentera).

Passage abundant (Menorca) and common (Mallorca-Ibiza).

Selection: Breeding and phenology.

Mallorca: Pre-nuptial: first records: 1 bird at Son Verí, Marratxí 11-IV (HIN), 1 bird at Barranc de Son Mandivi, Lluçmajor 13-IV (VDE, PAM) and 1 bird at La Gola, Pollença 14-IV (CTOG).

First songs heard at Marina de Lluçmajor 21-IV (SUA).

Post-nuptial: last records, 6 birds at Portocolom, Felanitx 22-IX (JMO), 1 bird at El Toro, Calvià 20-IX and 1 bird 19-IX at Rafeubetx, Calvià (NIC). A maximum of 60 birds at Salobrar de Campos 1-IX (GON) and 20 birds at Cap des Ses Salines, Santanyí 2-IX (MON).

Cabrera: rare breeder. 6 birds on 4, 5, 6-V and 2 birds 7-V (GEMI).

Menorca: Sant Climent, Mahon. 1 bird 8-IV (LIG, PIR).

Canal dels Horts, Ciutadella. 2 birds resting in the trees 4-V (TRI).

Algondaret Nou, Mahon. First fledged chick ringed 26-V (MEN).

Illa de l'Aire: Sant Lluís. Pre-nuptial migration: first birds ringed 16-IV (1 male) (ILL).

Formentera: Pre-nuptial: first records, 17-IV (2 birds) at Can Parra (KLA).

Post-nuptial: last birds 17-X at Sant Francesc water treatment plant (MEY).

Laughing Dove *Streptopelia senegalensis*

Status: accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Ring-necked Parakeet *Psittacula krameri*

Status: Breeding and Resident uncommon (Ibiza).

Selection: Breeding.

Mallorca: Son Pacs, Palma. Breeder. A maximum of 10 birds 12-XII (MMA).

La Vileta-Son Rapinya, Palma. 1 bird 23-II (BAZ).

Son Bonet aerodrome, Marratxí. 2 birds 1-VII (NIC).

Due to its colonization potential and the threat to indigenous species, habitats or ecosystems, this species has been included in the Spanish Invasive Exotic Species Catalogue, approved by Royal Decree 630/2013.

Monk Parakeet *Myiopsitta monachus*

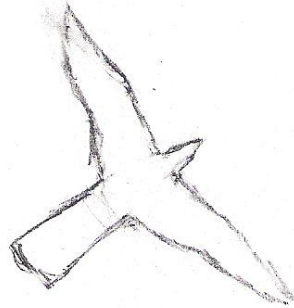
Status: Breeding and Resident uncommon (Ibiza). Occasional breeder (Mallorca, Menorca).

Selection: Breeding.

Mallorca: Santa Ponça beach, Calvià. Breeder. 3 birds 11-I and 4-V (VDE; LOP), 1 bird at the nest 30-VI (LOP, PAM, VDE).

Son Boned, Marratxí. 1 bird 7-XI (ALO).

Due to its colonization potential and the threat to indigenous species, habitats or ecosystems, this species has been included in the Spanish Invasive Exotic Species Catalogue, approved by Royal Decree 630/2013.



Cuculus canorus

U. Meyer

Greater Spotted Cuckoo *Clamator glandarius*

Status: Passage rare.

Selection: all records received

No sightings reported.

Common Cuckoo *Cuculus canorus*

Status: Breeding (Formentera?), common (Mallorca) and uncommon (Menorca-Ibiza). Passage common.

Selection: Breeding and phenology.

Mallorca: Prenuptial: first records: 1 bird at Porreres 2-IV (MEL), 1 bird at Sencelles 2-IV (MOU) and 1 bird at Son Moragues, Valldemosa 9-IV (GON).

Formentera: Can Parra. Prenuptial: first birds, 1 bird on 3-IV to 10-VI (KLA). Cap de Berberia. 2 birds 23-IV (KLA). Estany Pudent. Postnuptial: last bird on 29-IX (MEY).

Yellow-billed Cuckoo *Coccyzus americanus*

Status: Vagrant.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Barn Owl *Tyto alba*

Status: Breeding and common Resident.

Selection: Breeding and records of special interest.

Mallorca: Breeding details, first chicks 27-IV and last 19-VI, n=5 (COFIB).

Formentera: Can Parra. 2 birds 2-VI. Heard from 2-VII to 26-IX (KLA).

Eurasian Scop's Owl *Otus scops*

Status: Breeding and Resident abundant (Mallorca-Ibiza) and common (Menorca). Occasional breeder 2001 and 02 (Formentera). Winters common (Menorca) and uncommon (Mallorca-Ibiza-Formentera). Passage common (Menorca) and uncommon (Mallorca-Formentera).

Selection: Breeding, subspecies and records of special interest.

Mallorca: Sant Salvador, Felanitx. 4 birds heard 1-IV (JMO). Artà and 4 juveniles 21-VII (ART, MUÑ).

Breeding details, first chicks 11-V and last 18-VII, n=25 (COFIB).

Cabrera: Postnuptial: 1 bird 20-X (GEMI).

Formentera: Can Parra. 1 bird singing 10-IV (KLA).

Little Owl *Athene noctua*

Status: Winters rare (Mallorca-Menorca-Ibiza). Passage uncommon (Ibiza). Accidental (Formentera). Occasional breeder 1973, 75 and 83 a (Mallorca) and (Menorca). Information missing.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Long-eared Owl *Asio otus*

Status: Breeding and common Resident (Mallorca-Formentera) uncommon (Ibiza) and rare (Menorca). Passage uncommon (Mallorca-Menorca).

Selection: Breeding and records of special interest.

Mallorca: Breeding details, first chicks 14-IV and last 4-VII, n=8 (COFIB).

Short-eared Owl *Asio flammeus*

Status: Winters uncommon (Menorca) and rare (Mallorca). Passage uncommon. Occasional breeder 1976 (Mallorca).

Selection: all records received.

Mallorca: Prenuptial migration

S'Estalella, Lluçmajor. 1 bird arriving from the sea 17-III (VDE).

Postnuptial migration:

La Trapa, Andratx. 1 bird 1-X (GON).

Cap de Ses Salines, Santanyí. 1 bird arriving from the sea 29-X (GORA).

Wildlife recovery centre. **2** birds admitted due to various causes: one from Manacor with unknown trauma 1-II; and another from Calvià, due to collision with electricity pylon 3-XII (COFIB).

Menorca: Sant Climent, Mahon. 2 birds 23-I. 1 bird 17-XI (PIR, LIG).

European Nightjar *Caprimulgus europaeus* *Status:* Breeding common (Mallorca-Menorca) and uncommon (Ibiza). Passage common (Mallorca-Menorca-Ibiza) and uncommon (Formentera). Information missing.

Selection: Breeding, phenology.

Mallorca: Algaida. Song heard from the Montuiri road 11-II (CAA, GRC).

Prenuptial: first records, 1 singing male at Son Verí, Marratxí 4-V (HIN), 1 bird at Santa Eugènia 5-V (HIN) and 1 bird at Son Quint, Palma 19-V (MAC). A maximum of 6 males singing in a small woodland at Son Quint, Palma 9-VI (MUN, GAS).

Mondrago Natural Park, Santanyí. 1 bird 6-VIII (MON).

Cabrera: Prenuptial migration: 1 singing male 5-V (GEMI) and 1 male 2-VI (RES).

Illa de l'Aire: Sant Lluís. Prenuptial migration: first ringing, 24-IV (adult male) (GRI).

Red-necked Nightjar *Caprimulgus ruficollis*

Status: Passage rare.

Selection: all records received.

Cabrera: **1** bird ringed 3-V. **3** birds on the evening of 4-V.

For more information about this accepted record, see the report by the Balearic Rarities Committee.

Common Swift *Apus apus*

Status: Breeding abundant. Passage abundant.

Selection: phenology and breeding.

Mallorca: Prenuptial migration: first records, 5 birds in the Palma bay 18-III (MMM), 4 birds at Palma 20-III (GON) and 28 birds at Salobrar de Campos 23-III (VDE). A minimum of **2.000** birds at Can Guidet irrigation reservoir, Palma 2-IV (SUA), 1.150 birds at Salobrar de Campos 27-III (JMO) and 1.000 birds at Albufera 20-V (FAV).

Breeding details, first chicks 11-V and last 4-VIII, n=313 (COFIB).

Canal de Valencia. 2 birds off shore, one of them with two *Apus pallidus* 25-V (RAMM).

Off shore, 1 lone bird in flight 20 m above the sea, heading north towards Mallorca 7-VI (BAZ).

Postnuptial migration: 13-VII most of the birds disappeared from the Artà colony back to África (ART, MUÑ). Last records, with 1 bird at Mirador de la Creueta, Pollença 3-X (ELK), 6 birds heading south at Cap de Ses Salines, Santanyí 24-IX (GORA) and 6 birds at Son Real, Santa Margalida 6-IX (VDE, PAM).

Formentera: Can Parra. Prenuptial: first flock 28-III (KLA).

Pallid Swift *Apus pallidus*

Status: Breeding common (Mallorca-Menorca-Ibiza). Passage common (Mallorca-Menorca-Ibiza). Information missing.

Selection: Breeding, phenology and monthly maximums.

Mallorca: Pre-nuptial migration: first records, 3 birds at Portocolom, Felanitx 1-IV (JMO), 2 birds at Salobrar de Campos 7-IV (RES, FRT) and 2 birds at Santa Ponça, Calvià 19-IV (SOL).

Canal de Valencia. 2 birds off shore with an *Apus apus* 25-V (RAMM). Wildlife recovery centre. 6 chicks that had fallen from the nest admitted, 3 from Inca and 3 from Palma, between the 20-VI and 23-X. 4 of the birds released back into the wild (COFIB). First breeding record for Palma.

Post-nuptial migration: last record, 2 birds at Portocolom, Felanitx 25-IX (JMO) and 5 birds at Sóller 2-IX (LOP, VDE, PAM).

Menorca: Mahon. 6 birds at the Esplanada square 11-IX (FLO, BOA).

Illa de l'Aire: Sant Lluís. Pre-nuptial migration: 5 birds ringed from 8 to 15-V (GRI).

Alpine Swift *Apus melba*

Status: Breeding rare (Ibiza?) and uncommon (Mallorca-Menorca). Passage common (Mallorca) and uncommon (Menorca-Ibiza).

Selection: Breeding and phenology.

Mallorca: Pre-nuptial migration: first records, 2 birds at Albercutx watch tower 18-III (GORA), 5 birds at Castell del Rei, Pollença 26-III (TAP) and 2 birds at Albercutx watch tower 22-IV (GORA). A maximum of **2.000** birds together with 100 *Apus apus* in flight at height over Castell de Santueri, Felanitx 29-III (JMO). New record, the previous was of 35 birds 31-VIII-2016 at Salobrar.

Castell de Santueri, Felanitx. Breeder. 8 birds 30-V (MON).

Post-nuptial migration: last records, 1 bird at Puig de Sant Martí, Alcúdia 11-IX (TOM), 1 bird at Son Real, Santa Margalida 6-IX (VDE, PAM), 5 birds at Santueri 26-VIII (SUA).

Cabrera: Breeder. A minimum of 10 birds 6-V (GEMI). A maximum of 25 birds in flight on the evenings of 12, 13, 14, 15 and 17-VIII (VIC). Last records, 13-IX with 8 birds in flight at height (VIC, JMO).

Menorca: Cova de'n Xoroi, Alaior. 1 bird together with dozens of Common Swift, near the cliffs 27-V (VIA).

Common Kingfisher *Alcedo atthis*

Status: Winters uncommon. Passage common (Mallorca) and uncommon (Menorca-Ibiza-Formentera).

Selection: phenology and records of special interest.

Mallorca: Pre-nuptial migration: last records, 1 bird at La Gola, Pollença 27-III (FIO, CTOG), 1 bird at Portocristo, Manacor 23-III (SUA) and 1 bird at Estany des Ponts, Alcúdia 1-III (ART, MUÑ).

Post-nuptial migration: first records, 1 bird perched within a sea cave near Cala Castell, Pollença 13-VIII (MMA, NEG, PAR, LLZ), 1 bird at Salobrar de Campos 1-IX (GON) and 2 birds at Ciutat Jardí, Palma 10-IX (VDE).

Cabrera: Post-nuptial migration: 1 bird 17-IX (VIC).

Menorca: Albufera des Grau, Mahon. Monthly maximums (PNAG).

Dates	I	16-II	14-III	IV	V	VI	VII	VIII	IX	5-X	8-XI	4-XII
Birds	0	1	1	0	1	1	0	0	0	1	1	1

Ibiza: Buscastell torrent, Sant Antoni. 1 bird at an irrigation pond 7-X (MMA, TRS).

Blue-cheeked Bee-eater *Merops persicus*

Status: accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

European Bee-eater *Merops apiaster*

Status: Breeding common (Menorca) and uncommon (Mallorca-Ibiza-Formentera).

Passage abundant (Mallorca) and common (Menorca-Ibiza-Formentera).

Selection: Breeding and phenology.

Mallorca: Pre-nuptial migration: first records, 20 birds 6-IV until 20-V (20 birds), with a maximum of 60 birds on 6-V at Albercutx watch tower (GORA) and 80 birds at Llenaire, Pollença 29-IV (NIC, SUA). Son Bosc, Muro. **3** nests on the ground with 7 birds 29-VI (NIC). Post-nuptial migration: first records, 30 birds in flight heading south at Artà 8-VIII (MUÑ), 30 birds at Son Sardina, Palma 29-VIII (MOL). Last records, with 53 birds at El Toro, Calvià 20-IX and 54 birds at Rafeubetx, Calvià 19-IX (NIC). Cap de Ses Salines, Santanyí. Observed on active migration south, **548** birds from 27-VIII to 26-IX. Daily maximums (GORA; MOU).

Dates	27-VIII	31-VIII	1-IX	2-IX	3-IX	4-IX	6-IX	7-IX	8-IX
Cap Salines	8	0	40	38	0	0	20	0	70

Dates	10-IX	11-IX	12-IX	13-IX	14-IX	17-IX	18-IX	19-IX	20-IX
Cap Salines	100	0	0	0	0	0	0	200	0

Dates	23-IX	24-IX	26-IX
Cap Salines	2	20	50

Cabrera: Pre-nuptial migration: 6 birds 4, 5-V, 2 birds 6-V and 16 birds 7-V (GEMI).

Post-nuptial migration: 12 birds 22-IX and 3 birds 23-IX (GORA).

Sa Dragonera: Pre-nuptial migration: 1 bird 31-V (BAZ).

Menorca: Cala Pregonda, Mercadal. 1 bird 10-VI in flight low over the fields behind the beach (VIA).

Formentera: Can Parra. Pre-nuptial migration: first records, with 14 birds on 31-III until 31-V with 4 birds. Post-nuptial migration: present from 8-IX (30 birds) to 12-IX (12 birds) (KLA).

European Roller *Coracias garrulus*

Status: Passage uncommon (Menorca) and rare (Mallorca-Ibiza-Formentera).

Selection: all records received.

Mallorca: Pre-nuptial migration: first birds observed on 26-IV at different localities in the northeast of the island: Bòquer, Albufereta and Albufera water treatment plant (TYS). Albufereta, Pollença. 1 bird 26-IV (SOL), 1 bird 1-V (MAC, HIN) and 3 birds at Can Cuarassa 4-V (MON). Bòquer valley, Pollença. 1 bird 26-IV (TYS) and 1 bird 7-V (TOM). Muro. 1 bird 3-V (MOU) and 1 bird 10-V (MAC, HIN). Alcúdia. 1 bird 6-V (BRC, HIN). Llenaire, Pollença. 1 bird 6-V (NIC, SUA). Post-nuptial migration: Albufereta. 1 bird at Can Cuarassa 7-VIII (RES).



European Roller *Coracias garrulus*, Son Bosc, Muro, 3rd of May 2017.
Photo: Patrick Moussa.

Cap de Ses Salines, Santanyí. Observed on active migration south, 1 juvenile 8-VIII (MON).

Menorca: Pla de Favaritx, Mahon. 1 bird 1-V (SLV).
Binigarba, Ciutadella. 1 bird 24-IX (LLU).

Eurasian Hoopoe *Upupa epops*

Status: Breeding and Resident abundant (Mallorca), common (Menorca-Ibiza) and uncommon (Formentera). Winters uncommon (Mallorca). Passage common (Menorca-Ibiza) and uncommon (Mallorca).

Selection: Breeding and phenology.

Mallorca: Off shore, 1 bird in flight just above the waves, heading to Mallorca 13 nm south of Palma 11-III (RES, MAC).

Cabrera: rare breeder. 2 birds 4-V, 6 birds 5, 6-V (GEMI), 3 birds 24-IX (GORA) and 2 birds 19-21-X (GEMI).

Menorca: Alforí de Dalt, Ciutadella. First fledgling ringed 15-VII (GRI).

Illa de l'Aire: Sant Lluís. Pre-nuptial migration: 30 birds ringed 1 to 18-IV (GRI).

Eurasian Wryneck *Jynx torquilla*

Status: Breeding and Resident abundant (Mallorca), common (Ibiza). Breeding rare (Menorca). Winters common (Mallorca-Ibiza) and uncommon (Menorca-Formentera). Passage common.

Selection: Breeding, phenology and records of special interest.

Mallorca: first males heard singing at Cúber, Escorca 16-II (ALO) and at Albercutx watch tower, Pollença 26-III (RES, VEN, MAC, BAZ).

Cabrera: Pre-nuptial migration: 1 bird 4 and 5-V (GEMI).

Menorca: Albufera des Grau, Mahon. 2 birds heard 30-IX (LIG, PIR).

Formentera: Can Parra. 1 bird 25-VI and 1 bird heard 28-IX (KLA).
Estany Pudent. Heard between 28-IX (1 bird) to 19-X (1 bird) (MEY).

Green Woodpecker *Picus viridis*

Status: Accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Greater Spotted Woodpecker *Picus major*

Status: accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Lesser Spotted Woodpecker *Dendrocopos minor*

Status: Accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Bar-tailed Lark *Ammomanes cinctura*

Status: Accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Calandra Lark *Melanocorypha Calandra*

Status: Accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Greater Short-toed Lark *Calandrella brachydactyla*

Status: Breeding common (Mallorca-Menorca-Ibiza) and uncommon (Formentera).

Passage common (Mallorca-Menorca-Ibiza).

Selection: Breeding and phenology.

Mallorca: Prenuptial: First records, 1 bird at Blanquer de Maria 3-IV (RES), 4 birds at Sa Barrala, Campos 8-IV (MAC, VDE, PAM, HIN) 2 birds and at Salobrar de Campos 9-IV (RES, FRT).

Postnuptial: last record, a flock of 70 birds at Campos 31-VIII (SUR), and a flock of >80 birds at Sa Barrala, Campos 3-VIII (RES).

Cabrera: Prenuptial migration: 1 bird 6-V, 2 birds 7-V (GEMI) and 1 bird 14-V (MAS, SUR).

Menorca: Sant Climent, Mahon. 1 bird 21-III and 4 birds 27-V (LIG, PIR).

Formentera: Postnuptial. 1 bird heard at Estany Pudent 6-X (MEY).

Lesser Short-toed Lark *Calandrella rufescens*

Status: accidental. Occasional breeder (Mallorca).

Selection: all records received.

Mallorca: Albufera. **1** bird 2-III.

For more information about this accepted record, see the report by the Balearic Rarities Committee.

Thekla Lark *Galerida theklae*

Status: Breeding and Resident abundant (Ibiza) and common (Mallorca-Menorca-Formentera).

Selection: Breeding and records of special interest.

Mallorca: Capdepera. 1 pair with the male performing song flight 9-IV (ART, MUÑ).

Woodlark *Lullula arborea*

Status: Accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Skylark *Alauda arvensis*

Status: Winters abundant (Mallorca-Ibiza) and common (Menorca-Formentera).

Passage abundant (Mallorca), common (Menorca-Ibiza) and rare (Formentera).

Selection: Phenology and monthly maximums.

Mallorca: Wintering: a maximum of **42** birds at Prat de Sant Jordi, Palma 18-I (HIN) and 40 birds at Pla de Vilafranca 25-I (RIR, VDE, GUR, PAM).

Prenuptial migration: last records, >25 birds at Blanquer de Maria 9-III (RES) and 10 birds at Salobrar de Campos 28-II (VDE).

Postnuptial migration: first records, 1 bird outside Costitx 30-IX (RES) and 3 birds at Prat de Sant Jordi, Palma 6-X (NIC). A maximum of 30 birds at Salobrar de Campos 19-XI (LOP, SUR, MAC, SLV).

Cabrera: Postnuptial migration: 2 birds 15-X (VIC).

Sa Dragonera: Postnuptial migration: 1 bird 27-X (GON).

Formentera: Postnuptial: present from 3-X at Estany Pudent (MEY).

Sand Martin *Riparia riparia*

Status: Passage abundant (Mallorca), common (Menorca-Ibiza) and uncommon (Formentera).

Selection: phenology.

Mallorca: Prenuptial migration: first records, 5 birds at Maristany , Alcúdia 27-II (LOP, MAC), 1 bird at Salobrar de Campos 28-II (VDE) and 5 birds at Albufera 1-III (JMO). Last records, a flock of 50 birds at Albufera 7-V (LOP, HIN) and 1 bird at La Gola, Pollença 2-V (FIO, CTOG). More than 50 birds at Salobrar de Campos 2-V (RES, FRT).

Postnuptial migration: first records, 1 bird at Salobrar de Campos 6-IX (JMO) and 1 bird at Cap de Ses Salines, Santanyí 17-IX (GORA). Last records, 2 birds at Albufera 1-X (ELK).

Cabrera: Prenuptial migration: 1 bird 6-V (GEMI).

Postnuptial migration: 4 birds 24-IX (GORA).

Menorca: Lluriach wetland, Mercadal. 4 birds 4-IV and 1 bird 17-VI (LIG, PIR).

Eurasian Crag Martin *Ptyonoprogne rupestris*

Status: Breeding and Resident abundant (Mallorca) and uncommon (Ibiza).

Winters common (Mallorca-Ibiza) and uncommon (Menorca-Ibiza). Passage uncommon (Menorca-Formentera).

Selection: Breeding, monthly maximums and records of special interest.

Mallorca: Wintering: Prat d'Alcúdia. A maximum of 250 birds 20-I (LOP, GON, BAZ), 50 birds 27-II (LOP, MAC), 35 birds 18-XI (TOM) and **350** birds 21-XII (JMO).

Albufereta, Pollença. 70 birds 3-XII (TOM).

Cabrera: Postnuptial migration: 4 birds 24-IX (GORA), 2 and 1 bird on 20-X and 21-X (GEMI).

Sa Dragonera: 4 birds 31-III (JMO).

Menorca: Cala Alcaufar, Sant Lluís. 1 bird 30-X (LIG, PIR).

Barn Swallow *Hirundo rustica*

Status: Breeding common (Mallorca-Ibiza) and uncommon (Menorca-Formentera). Passage abundant.

Selection: Breeding and phenology.

Mallorca: Pre-nuptial migration: first records, 1 bird at Saluet, Andratx 5-II (BAZ), 1 bird at Salobrar de Campos 6-II (MON) and 1 bird at Son Quint 9-II (MAC).
Cas Moliner, Son Sardina, Palma. First observation of the breeding pair roosting in the nest 27-III. First egg hatched from the first brood 1-V (artificial nest). Four juveniles left the nest on 23-V, but used the garage where the nest is located to roost, two in the nest and two on a nearby perch. The female commences incubation of the second clutch, this time in a natural nest 5-VI. This nest has been used since 1993. Four juveniles leave the nest 23-VII. An adult prevents two juveniles from the first brood using the nest to roost, this circumstance is repeated for three days until they relent, although juveniles are still seen in the breeding area at different intervals. At least 6 adults and 4 juveniles are seen in flight, and on the usual perches in the breeding area, including a recently fledged juvenile (very short remiges) 7-VIII. Last observation of the female at the breeding area (roosting in the nest) 22-VIII. Last, observation of the male at the breeding area (roosting in the nest) 30-VIII (MOL).
Post-nuptial migration: last records, 1 bird at Son Bosc, Muro 27-XI (RES), 18 birds at Albufera 25-X (CAA) and 1 bird at Son Sardina, Palma 23-X (MOL). A maximum of 1.000 birds at Esporles 1-X (MEL) and 975 birds at Portocolom, Felanitx 25-IX (JMO).
Cap de Ses Salines, Santanyí. Observed on active migration south, **1.849** birds from 3-IX to 29-X. Daily maximums (GORA; JMO).

Dates	2-IX	3-IX	4-IX	6-IX	7-IX	8-IX	10-IX	11-IX	12-IX
Cap Salines	14	30	0	0	0	0	200	0	0

Dates	13-IX	14-IX	17-IX	18-IX	19-IX	20-IX	23-IX	24-IX	26-IX
Cap Salines	0	0	0	0	0	0	0	500	74

Dates	28-IX	30-IX	1-X	2-X	8-X	15-X	21-X	23-X	29-X
Cap Salines	0	0	5	500	0	0	500	0	40

Cabrera: Pre-nuptial migration: last records, 7-V (16 birds) and 6-V (41 birds) (GEMI).

Post-nuptial migration: 100 birds 17-IX (TOM). A maximum of **5.000** birds in flight in various groups around the port area 25-IX (VIC).
Last records, of 6 birds and 21 and 20-X (GEMI).

Sa Dragonera: Pre-nuptial migration: 5 birds 31-III (JMO).

Menorca: Lluriach wetland, Mercadal. 10 birds 25-II (LIG, PIR).

Alcaufar, Sant Lluís. 10 birds 21-X (LIG, PIR).

Formentera: Post-nuptial: last record, 16 birds at Can Marroig 21-X (KLA).

Red-rumped Swallow *Cecropis daurica* (formerly *Hirundo daurica*)

Status: Passage uncommon (Mallorca-Ibiza) and rare (Menorca-Formentera). Occasional breeder 2007, 2011 and 2014 (Mallorca) and 2011 (Menorca).

Selection: Breeding, phenology and monthly maximums.

Mallorca: Pre-nuptial migration: First records, 1 bird at La Gola, Pollença 22-II (FIO, CTOG) and 4 birds at Salobrar de Campos 27-II (JMO). Last, 1 bird at Albercutx watch tower 14-V (GORA).

Menorca: Es Grau, Mahon. 2 birds 7-VI and 3 birds 6-VII (SLV).
Cala Alcaufar, Sant Lluís. 2 birds mud collecting 5-VI (TYS).

Common House Martin *Delichon urbicum*

Status: Breeding abundant (Mallorca) and common (Menorca-Ibiza). Passage abundant.

Selection: Breeding and phenology.

Mallorca: Pre-nuptial migration: first records, 1 bird at Can Guidet irrigation reservoir, Palma 10-II (CAA, GRC), 7 birds at Son Quint, Palma 19-II (MAC) and 45 birds 27-II at Salobrar de Campos (JMO). Last, 2 birds at Albercutx watch tower, Pollença 14-IV (GORA).

Breeding:

Artà. The breeding colony contains **237** occupied nests, 39 damaged and 36 unoccupied nests (GOBA).

Banyalbufar. The breeding colony contains **113** occupied nests (LOP).

Campos. The breeding colony contains 93 occupied nests and 39 damaged nests (LOP, SUR).

Esporles. The breeding colony contains 27 occupied nests. A total of six nests were not surveyed. 12 artificial nests are installed. During 2017, one of these nests has been occupied and another three have been visited. In 2016 an artificial nest was occupied by *Passer domesticus* (MOL).

Felanitx. The breeding colony contains 76 occupied nests and 8 damaged nests (SUR, LOP).

Inca. The breeding colony contains 29 occupied nests, 4 damaged nests and 16 unoccupied nests (EGU).

Palma, Carrer Sevilla. The breeding colony contains 10 occupied nests and 1 unoccupied one (VIA).

Palma, Son Xigala The breeding colony contains **292** occupied nests, 68 damaged nests and 1 unoccupied one. This is the largest colony in the Balearics and has serious issues with neighbourhood residents (LOP, GAS).

Sant Joan. The breeding colony contains 56 occupied nests, 41 damaged, 36 unoccupied nests, 2 occupied by *Passer domesticus* and 1 by *Passer montanus* (NEG).

Santa Ponça, Calvià. The breeding colony contains 79 occupied nests, 6 damaged nests and 5 unoccupied nests (PAM, VDE, LOP).

Ses Salines. The breeding colony contains 77 occupied nests, 18 damaged and 2 unoccupied nests (SUR, LOP).

Sineu. The breeding colony contains **125** occupied nests, 163 damaged nests and 21 unoccupied nests (EGU).

Post-nuptial migration: Cap de Ses Salines, Santanyí. Observed on active migration south, 358 birds from 10-IX to 29-X. Daily maximums (GORA).

Dates	10-IX	11-IX	12-IX	13-IX	14-IX	17-IX	18-IX	19-IX	20-IX
Cap Salines	300	0	0	0	0	0	0	0	0

Dates	23-IX	24-IX	28-IX	30-IX	1-X	2-X	8-X	15-X
Cap Salines	0	0	0	0	0	0	0	0

Dates	21-X	23-X	29-X
Cap Salines	50	0	8

Salobrar de Campos. A maximum of **1.100** birds 8-IX (VDE, PAM).
Can Guidet irrigation reservoir, Palma. A maximum of 120 birds 16-IX (LOP, MAC).

Cabrera: Pre-nuptial migration: 16 birds 5-V (GEMI).

Post-nuptial migration: 16 birds 24-IX (GORA). 2 birds 20-X (GEMI).

Menorca: Ciutadella. The breeding colony contains 11 occupied nests, 10 damaged and 3 unoccupied nests (MEN).

Mercadal. The breeding colony contains **75** occupied nests, 14 damaged and 10 unoccupied nests (MEN).

Sant Lluís. The breeding colony contains 17 occupied nests, 6 damaged and 48 unoccupied nests (MEN).

Formentera: Pre-nuptial migration: 5 birds 3-IV at Can Parra (KLA).

Richard's Pipit *Anthus richardi*

Status: Winters rare (Mallorca), Passage rare (Mallorca-Menorca).

Selection: all records received.

Menorca: Menorca airport, Mahón. **1** bird within a group of *Anthus pratensis* 26-X.

For more information about this accepted record, see the report by the Balearic Rarities Committee.

Tawny Pipit *Anthus campestris*

Status: Breeding common (Mallorca-Menorca) and uncommon (Ibiza-Formentera). Passage common (Mallorca-Menorca-Formentera) and uncommon (Ibiza).

Selection: Breeding and phenology.

Mallorca: Pre-nuptial: first records, 2 birds at Punta de n'Amer, Sant Llorenç 31-III (RES, SCH), 4 birds at Portocolom, Felanitx 1-IV (JMO) and 3 birds at Blanquer de Maria 11-IV (MAC, HIN).

Post-nuptial: last records, 1 bird at Mortitx, Escorca 4-X (TOM) and 1 bird at Portocolom, Felanitx 1-IX (JMO).

Cabrera: Pre-nuptial migration: 1 bird 6-V, 3 birds 7-V (GEMI) and 1 bird 15-V (SUR).

Post-nuptial migration: 1 bird 24-IX (GORA).

Sa Dragonera: Pre-nuptial migration: 1 bird 31-III (JMO) and 1 bird 25-IV (MCM).

Menorca: Sant Climent, Mahon. 1 bird 10-III and a nest with chicks 1-VI (LIG, PIR).

Olive-backed Pipit *Anthus hodgsoni*

Status: Vagrant.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Tree Pipit *Anthus trivialis*

Status: Passage common.

Selection: phenology.

Mallorca: Pre-nuptial migration: first records, 2 birds at Calvià 4-IV (BEN), 1 bird at Ariant, Pollença 5-IV (GON), 1 bird at Albercutx watch tower, Pollença 15-IV (GORA). Last, 2 birds at Cases Velles, Pollença 22-IV (GORA).

Post-nuptial migration: first birds 7-VIII at Albufereta, Pollença (RES) 3 birds at Rafeubetx, Calvià 8-IX (GON). Last records, 1 bird at La Trapa and at Puig de ses Basses, Andratx 2-X (GON) and 1 bird at Son Llebre, Calvià 22-IX (GON).

Cabrera: Pre-nuptial migration: 2 birds 4-V, 1 bird 5-V, 2 birds 6-V (GEMI) and 1 adult ringed 7-V (IGU).

Postnuptial migration: 1 bird on 22, 23 and 24-IX (GORA) and 1 bird 21-X (GEMI).

Menorca: Prenuptial migration: first birds ringed 26-III at Casa de Colònies es Torretó, Ciutadella (TRI).

Sant Climent, Mahon. 2 birds 30-III (LIG, PIR).

Postnuptial migration:

Punta Nati, Ciutadella. 1 bird 16-IX (LIG, PIR, SLV, FLO, RIC, ARL).

Illa de l'Aire: Sant Lluís. Postnuptial migration: last birds ringed 17-X (ESC).

Formentera: Postnuptial migration: 1 bird 12-XI at La Mola (KLA).

Meadow Pipit *Anthus pratensis*

Status: Winters abundant. Passage abundant (Mallorca-Menorca), common (Ibiza) and rare (Formentera).

Selection: phenology.

Mallorca: Wintering: a maximum of 21 birds at Son Vida Golf, Palma 9-I (MAC, LOP, VDE, PAM).

Prenuptial migration: last records, 1 bird at Ariant, Pollença 6-IV (GON), 1 bird at La Gola, Pollença 24-III (FIO, CTOG) and 20 birds at Prat de Sant Jordi, Palma 5-III (VDE, PAM).

Postnuptial migration: first records, 1 bird heard at Cap Gros, Sóller 2-IX (RAMM), 1 bird at Can Guidet irrigation reservoir, Palma 7-IX (VDE, PAM) and 5 birds at Artà 8-IX (ART, MUÑ).

Wintering: a maximum of **50** birds at Can Trujillo, Calvià 29-XII (GON).

Cabrera: Postnuptial migration: 1 bird 19 and 20-X, 2 birds 21-X, 6 birds 22-X (GEMI) and 2 birds 28-X (VIC).

Illa de l'Aire: Sant Lluís. Prenuptial migration: last birds ringed 14-IV (ILL).

Formentera: Postnuptial: 1 bird 25-X at Estany Pudent (KLA).

Red-throated Pipit *Anthus cervinus*

Status: Passage rare (Mallorca-Menorca-Ibiza).

Selection: all records received.

Mallorca: Prenuptial migration

Prat de Sant Jordi, Palma. Present from 9-III (1 bird) (CAA, GRC) to 19-IV (**6** birds) (SOL).

Salobrar de Campos. 1 bird 21-IV (BAZ, TYS).

Postnuptial migration:

Albufera. 1 bird 28-VIII (RES).

Menorca: Sant Climent, Mahon. 1 bird 13-IV (LIG, PIR).

Menorca airport, Mahón. 1 bird 3-XI (LIG, PIR).

Water Pipit *Anthus spinoletta*

Status: Winters common (Mallorca) and uncommon (Menorca-Ibiza-Formentera).

Passage uncommon (Mallorca-Menorca-Ibiza).

Selection: phenology.

Mallorca: Prenuptial migration: last records, 1 bird 12-IV and 3 birds 11-IV both at La Gola, Pollença (TYS, FIO, CTOG). A maximum of 15 birds 21-III at Prat de Sant Jordi, Palma (LOP, PAM).

Postnuptial migration: first records, 2 adults ringed at Salobrar 14-X (GAR), 21-X at La Gola, Pollença (FIO, CTOG) and 2 birds at Maristany, Alcúdia 24-X (BAZ). A maximum of 11 birds at Salobrar de Campos 25-X (MAC).

Cabrera: Postnuptial migration: 1 bird 23-IX (LOP).

Menorca: Prat de Son Bou, Alaior. 10 birds 15-X (LIG, PIR).

Eurasian Rock Pipit *Anthus petrosus*

Status: accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Western Yellow Wagtail *Motacilla flava*

Status: Breeding common (Mallorca-Ibiza) and rare (Formentera). Passage abundant (Mallorca-Ibiza) and common (Menorca-Formentera).

Selection: Breeding, phenology, subspecies and records of special interest.

Mallorca: Prenuptial migration: first records, 2 birds at Albufera 18-II (MAC, LOP), 1 bird at Portocolom, Felanitx 19-II (MAS, SUR). Last records, 6 birds at Ariant, Pollença 14-IV (GON) and 8 birds at Gotmar, Pollença 3-IV (VDE, PAM).

Postnuptial migration: first records, 20 birds at Can Trujillo, Calvià 8-IX (GON), 1 bird at Portocolom 11-IX (JMO) and 5 birds at Ternelles, Pollença 12-IX (GON). Last records, 3 birds 20-X (VDE) and 4 birds 19-X, both at Prat de Sant Jordi, Palma. 2 birds at Cap de Cala Figuera, Calvià 7-X (RAMM). A maximum of **329** birds at the roost at Salobrar de Campos 17-IX (JMO).

Cabrera: Prenuptial migration: 1 bird 2-V (JMO), 5 birds 14-V (MAS, SUR), 1 bird 2-VI (RES).

Postnuptial migration: 1 bird 13-IX (VIC), 4 birds 14-IX (JMO), 14 birds 23-IX (GORA) and 1 bird 21-X (GEMI).

Sa Dragonera: Postnuptial migration: 1 bird 14-IX (GON).

Menorca: Punta Prima, Sant Lluís. 1 bird overflying the road 18-III (LIG, PIR).

Formentera: Estany Pudent. Prenuptial: first birds 5-IV (KLA). Postnuptial: last record, 12-X with a flock of 5 birds (MEY).

Western Yellow Wagtail (Ashy-headed) *Motacilla flava cinereocapilla*

Status: Passage abundant (Mallorca-Ibiza) and common (Menorca-Formentera). Occasional breeder 2008 (Mallorca).

Selection: Breeding and phenology.

Mallorca: Albufera. 1 bird 26-III (LOP, MAC).
Salobrar de Campos. 2 birds 27-III (JMO) and 2 birds 8-V (MAS, SUR).

Menorca: Sant Climent, Mahon. 1 bird of this race within a group of 15 *M. flava* of the nominal race 28-III (LIG, PIR).
Albufera des Grau, Mahon. 1 juvenile and 1 adult 30-VIII (SLV, LIG, PIR).

Western Yellow Wagtail *Motacilla flava flava*

Status: Passage abundant (Mallorca-Ibiza) and common (Menorca-Formentera).

Selection: all records received.

Mallorca: Albufera. 1 bird 26-III (LOP, MAC).
Salobrar de Campos. 17 birds 2-IV (JMO), 10 birds 8-IV (BAZ) and 10 birds 8-V (MAS, SUR).

Cabrera: Prenuptial migration: 1 bird 4, 5-V (GEMI) and 2 birds 14-V (MAS, SUR).

Postnuptial migration: 1 bird 22-IX (GORA).

Sa Dragonera: 3 birds 31-III (JMO).

Menorca: Albufera des Grau, Mahon. 1 bird 30-VIII (SLV, LIG, PIR).

Western Yellow Wagtail (Yellowish-crowned) *M. flava flavissima*

Status: Passage abundant (Mallorca-Ibiza) and common (Menorca-Formentera).

Selection: all records received.

Mallorca: Albufera. 1 bird 26-III (LOP, MAC).
Salobrar de Campos. 1 bird 2-IV (JMO).

Western Yellow Wagtail (Spanish) *Motacilla flava iberiae*

Status: Breeding common (Mallorca-Ibiza) and rare (Formentera). Passage abundant (Mallorca-Ibiza) and common (Menorca-Formentera).

Selection: Breeding and phenology.

Mallorca: Albufera. First records, 4 birds 26-III (LOP, MAC) and 1 bird 30-IV (JMO).
Salobrar de Campos. 1 bird 2-IV (JMO) and 1 bird 16-V (LOP, MAC).
Cabrera: 2 birds 22-IX (GORA).

Western Yellow Wagtail (Grey-headed) *Motacilla flava thunbergi*

Status: Passage abundant (Mallorca-Ibiza) and common (Menorca-Formentera).

Selection: all records received.

Mallorca: Salobrar de Campos. 1 bird 8-V (MAS, SUR).
Cabrera: Prenuptial migration: 1 bird 4-V, 2 birds 5-V, 6 birds 6-V, 1 bird 7-V (GEMI) and 1 bird 14-V (MAS, SUR).
Menorca: Sant Climent, Mahon 1 bird 14-IV (LIG, PIR).

Black-headed Wagtail *Motacilla flava feldegg*.

Mallorca: Albufera. 1 male 22-III.

This species is characterised by its complete black head. It breeds in southeast Europe, from Greece and the Balkans to the south of Ucraina and southeast Asia, from Turkey and areas of the near east to Iran and Afghanistan. The main wintering areas of this long-distance migrant are located in Nigeria and Sudan (North and South). Confirmed identification is usually only possible with adult males in breeding plumage (spring-summer) and is complicated due to the frequent appearance of birds with intermediate traits. Possible confusion with dark *M.f. thunbergi*. birds is also to be considered. The aforementioned record is pending acceptance by the Spanish Rarity Committee SEO. This bird is not included in the list, and if accepted, will be a first for the Balearics.

Citrine Wagtail *Motacilla citreola* (Menorca). Lavandera cetrina (ES)

Status: accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Grey Wagtail *Motacilla cinerea*

Status: Winters common (Mallorca), uncommon (Menorca-Ibiza) and rare (Formentera). Passage common (Mallorca), uncommon (Menorca-Ibiza) and rare (Formentera).

Selection: phenology.

Mallorca: Prenuptial migration: last records, 1 bird at Albufera 13-III (VDE), 1 bird at Esporles 11-III (MEL) and 1 bird at Prat de Sant Jordi, Palma 5-III (VDE, PAM).

Postnuptial migration: first records, 1 bird at Esporles 4-IX (MEL), 1 bird at Formentor, Pollença 16-IX (RES) and 1 bird at La Gola, Pollença 21-IX (FIO, CTOG).

- Cabrera:* Postnuptial migration: first records, 2 birds 12-IX, 1 bird 15-IX (VIC), 2 birds 17-IX (TOM) and 1 bird 21-X (GEMI).
Menorca: Albufera es Grau, Mahon. 1 bird 3-X (LIG, PIR).
Ibiza: Postnuptial migration: 2 birds 11-X at Ses Salines, Sant Josep (BAZ).

White Wagtail *Motacilla alba*

Status: Winters abundant. Passage abundant.

Selection: phenology, maximums and subspecies.

- Mallorca:* Wintering: a maximum of **155** birds at the roost among the boats at Puertocolom, Felanitx 24-II (JMO), 86 birds at the Llevant industrial estate, Palma 15-I (ROG) and 60 birds at Prat de Sant Jordi, Palma 25-II (MAC).
Pre-nuptial migration: last records, 1 bird at Formentor, Pollença 30-IV (RES, RAD), 1 bird at Can Guidet irrigation reservoir, Palma 28-IV and 1 bird at Salobrar de Campos 29-IV (MUN) .
Postnuptial migration: first records, 1 bird at Esporles 4-IX (MEL), 16 birds at Prat de Sant Jordi 18-X (RIR, VDE) and 80 birds at Prat de Sant Jordi 19-X (BAZ). A maximum of **300** birds at La Vileta-Son Rapinya, Palma 25-X (BAZ) and 120 birds at the roost en Salobrar de Campos 23-X (MAS, SUR).
Cabrera: Postnuptial: 3 birds 16-IX (VIC), 1 bird 13-X (TOM).
Menorca: Albufera des Grau, Mahon. 1 bird 30-X (LIG, PIR).
Formentera: Estany Pudent. Pre-nuptial: 2 birds 4-III (KLA). Postnuptial: first records, 15-X (1 bird heard) (MEY).

Pied Wagtail *Motacilla alba yarrellii*

Status: Winters rare. Passage rare.

Selection: all records received.

- Menorca:* Sant Climent, Mahon. **1** bird within a group of White Wagtail 13-II (LIG, PIR).
 Menorca airport, Mahón. **1** bird within a group of White Wagtail 24-XI (LIG, PIR).

Winter Wren *Troglodytes troglodytes*

Status: Breeding and Resident abundant (Mallorca) and common (Ibiza). Winters uncommon (Menorca). Passage uncommon (Menorca).

Selection: Breeding and records of special interest.

- Mallorca:* Son Creus, Banyalbufar. 2 adults with 4 fledglings 9-VI (NIC).
Cabrera: 1 bird 15-IX (VIC).

Dunnock *Prunella modularis*

Status: Winters common (Mallorca-Menorca-Ibiza). Passage common (Mallorca-Menorca) and uncommon (Ibiza-Formentera).

Selection: phenology.

- Mallorca:* Pre-nuptial migration: last records, 2 birds at Menut, Escorca 11-II (MAC, VDE, PAM) and 1 bird 14-I at Mortitx, Escorca (VDE).
Postnuptial migration: first records, 1 bird heard at Cala en Feliu, Pollença (GON) and another at P.N. de Mondragó, Santanyí 11-X (AMG). 1 bird heard at Coll d'Oliverdar, Pollença (GON) and 3 birds at Clot d'Albarca, Escorca 12-X (RES, BRC).
Cabrera: Postnuptial migration: 2 birds 21-X (GEMI) and 4 birds 9-XI (VIC).
Illa de l'Aire: Sant Lluís. Pre-nuptial migration: last ringing, 2 birds 11-IV (ILL).
Postnuptial migration: first ringing, 1 bird 9-X (CAT).

Alpine Accentor *Prunella collaris*

Status: Winters uncommon (Mallorca-Menorca-Ibiza). Passage uncommon (Mallorca) and rare (Ibiza).

Selection: phenology and geographical distribution.

Mallorca: Pre-nuptial migration: last records, at Talaia Vella, Valldemossa 7-III (GON), 1 bird at Albercutx watch tower, Pollença 5-III (MON) and 1 bird at Alcúdia 3-III (VDE).
Post-nuptial migration: first records, 1 bird at Sant Salvador, Felanitx 26-XI (AMG), 1 bird at Puig des Teix, Bunyola 3-XII (BAZ) and also 2 birds at the cliffs of Alaró castle (AMG). A maximum of 9 birds to Coll dels Reis, Escorca 27-XII (HOF) and 6 birds at Puig Mayor, Escorca 6-XII (BAZ, PAM).

Rufous-tailed Scrub Robin *Cercotrichas galactotes*

Status: Passage rare.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

European Robin *Erithacus rubecula*

Status: Breeding and Resident rare (Mallorca). Winters abundant. Passage abundant.

Selection: phenology and records of special interest.

Mallorca: Pre-nuptial migration: last records, 1 bird at Formentor 30-IV (RES, RAD), 1 bird at s'Evangelica, Andratx (BAZ) and also 3 birds at Ariant 13-IV (GON). 1 bird at Son Bonet aerodrome, Marratxí 12-IV (NIC).
Spring-summer presence:
Calvià. 1 bird at the town hall gardens 9-V (PAM).
Finca de Planícia, Puigpunyent. 1 bird 12-V (FIO).
Palma. 1 bird at Parc Bit 14-V (NIC), 1 bird at Parc de sa Riera 15-VI (SUA), 1 bird 23-VII at polígono de Son Castelló (NIC), 1 bird at the Krekovic museum gardens 24-VII (PAM) and 1 bird singing at Can Pastilla (MOL).
Parc Sagrat Cor, Palma. Present all summer from 20-V to 1-IX, with a maximum of 4 birds 9-VIII (NIC).
Mondrago Natural Park, Santanyí. 1 adult ringed 18-V (MAT).
Son Pax, Palma. A maximum of 2 birds present from 14 to 25-VI, 2-1 birds present from 14-16-VIII (MMA).
Llenaire, Pollença. 1 male ringed, showing cloacal protuberance and in active moult 16-V (NIC, SUA, GAR).
Camí des Correu, Banyalbufar. 4 birds heard 1-VI (FIO). Slightly further down at Son Creus, 6 birds (**1** juvenile) present on 17-VIII (SUA, NIC). At least 6 birds present and **2** juveniles ringed, having already undergone the complete post-juvenile moult, additionally another **2** juveniles more observed with unmoulted speckled juvenile plumage 31-VIII (SUA, NIC, MUN).
La Gola, Pollença. 1 bird in the pines 9-VI (FIO, CTOG).
Son Gual Petit, Valldemossa. 1 bird 23-VII, 2 birds 5-VIII, 3 birds 12-VIII and 4 birds 13-VIII (GON).
Coma den Vidal, Estellencs. 1 bird 23-VIII (GON).
Can Pastilla, Palma. 1 bird singing 28-VIII (MOL).
Post-nuptial migration: first records, 1 bird at Formentor, Pollença 16-IX (RES), 1 bird at Pla des Pouet, Valldemossa 17-IX (GON) and 1 bird 25-IX at El Toro, Calvià (BAZ). A maximum of **50** birds at Mortitx, Escorca 17-XII (LOP, MAC, BEN, BRC), 26 birds together at a drinking pond at Comuna de Bunyola 21-XI (MAC).

- Cabrera*: Prenuptial migration: last record, 2 birds 14-V (MAS, SUR).
Postnuptial migration: 5-1 birds from 22 to 24-IX (GORA).
Sa Dragonera: Prenuptial migration: 2 birds 25-IV (MCM).
Illa de l'Aire: Sant Lluís. Prenuptial migration: last birds ringed 21-V (GRI).
Formentera: Prenuptial migration: last record, 8-IV (1 bird) at Can Parra.
Postnuptial migration: first records, 12-X (1 bird) at La Mola (KLA).

Common Nightingale *Luscinia megarhynchos*

Status: Breeding abundant (Mallorca), common (Menorca) and uncommon (Ibiza).
 Passage abundant (Mallorca-Ibiza-Formentera) and common (Menorca).

Selection: Breeding and phenology.

- Mallorca*: Prenuptial migration: first records, 1 bird at Albufera 3-IV (RES), 1 bird heard 10-IV at Son Pax, Palma (MMA) and 1 bird at s'Evangelica, Andratx 13-IV (BAZ).
Postnuptial migration: last records, 2 birds at Calvià 9-IX, 1 bird at Son Real, Santa Margalida and also at Llenaire, Pollença 6-IX (VDE, PAM),
Cabrera: Prenuptial migration: 3 birds 2-V (JMO).
Postnuptial migration: 1 bird 26-VIII (VIC).
Sa Dragonera: Prenuptial migration: 2 birds 31-III (JMO).
Menorca: Alforí de Dalt, Ciutadella. First fledgling ringed 25-VI (GRI).
Illa de l'Aire: Sant Lluís. Prenuptial migration: first bird ringed 21-III (CAT).

Bluethroat *Luscinia svecica*

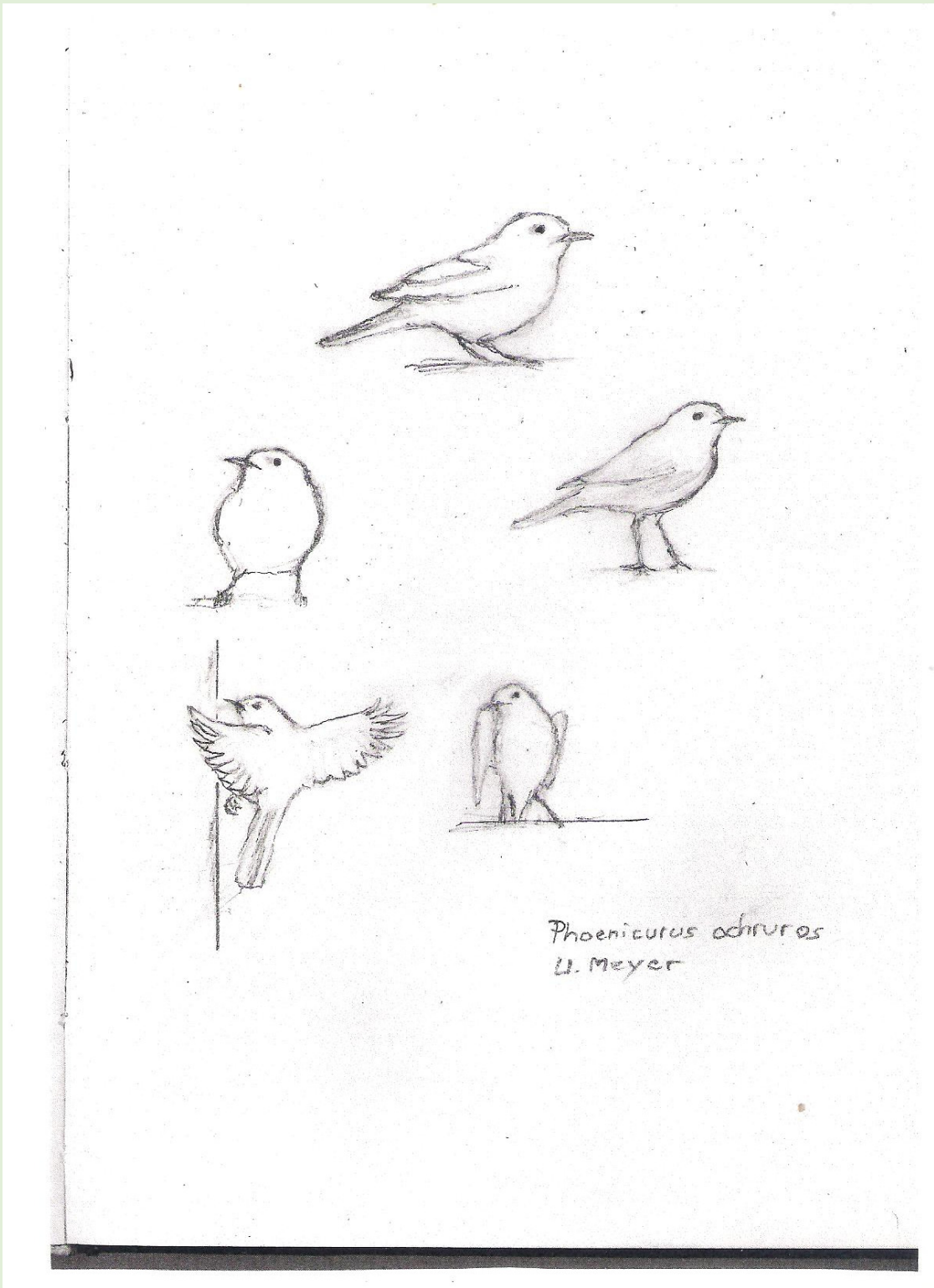
Status: Winters common (Mallorca) and uncommon (Menorca-Ibiza). Passage uncommon (Mallorca-Menorca-Ibiza) and rare (Formentera).

Selection: phenology.

- Mallorca*: Prenuptial migration: last record, 1 bird at La Gola, Pollença 10-IV (TYS, CTOG) and 1 bird at Albufera 18-III (LOP, RIR, HIN, MAC).
Postnuptial migration: first records, 3 birds at Salobrar de Campos 17-IX (JMO) and 1 bird at Albufereta, Pollença 6-X (ART, MUÑ).
Cabrera: Postnuptial migration: 1 juvenile 22-IX, 2 juveniles 23 and 24-IX (GORA).
Menorca: Pla de Lluriac and Tirant, Mercadal. 1 bird 19-II (CAA, GRC).
 Prat de Son Bou, Alaior. 1 bird 24-IX (LIG, PIR).
 Mongofre salt flats, Mercadal. 1 bird 24-IX (SLV).
Illa de l'Aire: Sant Lluís. Prenuptial migration: first bird ringed (1 female) 11-IV (ILL).
Ibiza: Ses Salines, Sant Josep. 1 bird 7-XII (SEP).

Red-flanked Bluetail *Tarsiger cyanurus*.

- Mallorca*: Comuna de Bunyola. 1 bird 18-XI.
 This small insectivorous species inhabits conifer forests, with its distribution extending from Finland to Japan and the Himalayas, wintering in south Asia. It breeds in scarce numbers in Russia and Finland, and is a rare vagrant to western Europe, where most of the records are in autumn, especially during September-October, albeit there are also records from the beginning of November. The aforementioned record is pending acceptance by the Spanish Rarity Committee SEO. This bird is not included in the list, and if accepted, will be a first for the Balearics.



Phoenicurus phoeniceus
L. Meyer

Black Redstart *Phoenicurus ochruros*

Status: Winters abundant (Mallorca-Ibiza) and common (Menorca-Formentera).

Passage abundant (Mallorca) and common (Menorca-Ibiza-Formentera).

Selection: phenology.

Mallorca: Pre-nuptial migration: last records, 1 male adult ringed at Cap Blanc, Lluçmajor 4-V (NIC), 1 bird at Artà 2-IV (ART, MUÑ) and 1 bird at La Gola, Pollença 31-III (FIO, CTOG).

Post-nuptial migration: first records, 1 bird at Puig de ses Basses, Andratx 2-X (GON), 5 birds at Puig des Teix, Valldemossa (NIC) and also at Cap de Ses Salines, Santanyí 7-X (MAC). A maximum of 50 birds at Castellot, Calvià 19-XI (LOP, MAC).

Cabrera: Pre-nuptial migration: 1 bird 5, 6-V (GEMI).

Post-nuptial migration: heavy migrant fall with hundreds of birds in the Semeter del Pagès area 24-X (VIC).

Illa de l'Aire: Sant Lluís. Pre-nuptial migration: 2 females ringed (adult and juvenile) 6-X (ESC).

Formentera: Estany Pudent. Pre-nuptial: last birds 25-III (KLA). Post-nuptial: first birds 11-X (MEY).

Common Redstart *Phoenicurus phoenicurus*

Status: Passage abundant (Mallorca) and common (Menorca-Ibiza-Formentera).

Selection: phenology.

Mallorca: Pre-nuptial migration: first records, 1 bird at Salobrar de Campos 27-III (JMO), 1 bird at Cases Velles, Pollença 1-IV (MAC), 1 bird at Calvià 2-IV (HIN). Last records, 1 bird at Cap Blanc, Lluçmajor 4-V (NIC), at Ariant, Pollença (TAP) and also at Bòquer valley, Pollença 1-V (JMO). A maximum of 10 birds at Ariant, Pollença 5-IV (GON).

Post-nuptial migration: first records, 2 birds at Coma den Vidal, Estellencs 23-VIII, 2 birds at Galatzó, Calvià 24-VIII (GON) and 1 bird at La Gola, Pollença 7-IX (FIO, CTOG). Last records, 1 bird at Albufereta, Pollença 3-XI (RES), 2 birds at Pollença 2-XI (TOM). A maximum of >10 birds at Formentor, Pollença 16-IX (RES).

Cabrera: Pre-nuptial migration: 20 birds 2-V (JMO), 4 birds 14-V (MAS, SUR), 1 female 2-3-VI (RES).

Post-nuptial migration: present from at least 18-VIII (1 bird) (VIC) to 13-X (12 birds) (TOM). A maximum of **50** birds on 22 and 23-IX (GORA).

Sa Dragonera: Pre-nuptial migration: 1 bird 27-III (PDG), 3 birds 30-III, 8 birds 31-III (JMO), 1 bird 25-IV (MCM).

Menorca: Pre-nuptial migration:

Fornells salt flats, Mercadal. 1 bird 19-III (LIG, PIR).

Mahon. First birds ringed, 6 males 28-III (CAT).

Post-nuptial migration:

Cala'n Carbó, Ciutadella. 1 bird 2-IX (TRI).

Menorca airport, Mahón. 2 birds 5-XI (LIG, PIR).

Illa de l'Aire: Sant Lluís. Pre-nuptial migration: last birds ringed (1 female) 17-V (CAT).

Formentera: Pre-nuptial migration: First observation, 1 bird 7-IV and last record, 1 female 2-V, both at Can Parra (KLA).

Post-nuptial migration: first records, 1 female 23-IX (KLA) and last birds 24-X (MEY).

Moussier's Redstart *Phoenicurus moussieri*

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Eurasian Whinchat *Saxicola rubetra*

Status: Passage abundant (Mallorca), common (Menorca-Ibiza) and uncommon (Formentera). Occasional breeder (Mallorca).

Selection: phenology.

Mallorca: Prenuptial migration: first records, 1 bird at Son Quint, Palma 29-III (MAC), 5 birds at Albufereta, Pollença and also 2 birds at Blanquer de Maria 11-IV (MAC, HIN). Last records, 1 bird at Albufereta 10-V (MAC, HIN), 1 bird at Llenaire, Pollença (LOP), 1 bird at Bòquer valley, Pollença and 8 birds at Albufera 30-IV (JMO).

Postnuptial migration: First records, 1 bird at Albufereta 7-VIII (RES), 1 bird at Cap de Ses Salines, Santanyí 4-IX (JMO), 2 birds at Llenaire 6-IX (VDE, PAM). Last records, 1 bird at Prat de Sant Jordi, Palma 15-X (VDE) and 1 bird at La Gola, Pollença 5-X (FIO, CTOG).

Cabrera: Prenuptial migration: 6 birds 2-V (JMO), 2 birds 14-V (MAS, SUR), 4 birds 2-VI (RES).

Postnuptial migration: 1 bird 26-VIII (VIC) and a maximum of 2 birds 23-IX (GORA). 1 bird 21-X (GEMI).

Menorca: Sant Climent, Mahon. 1 bird 28-III (LIG, PIR).

Menorca airport, Mahón. 1 bird 16-VIII. Last postnuptial record 20-XI (LIG, PIR).

Illa de l'Aire: Sant Lluís. Prenuptial migration: 16 birds ringed between 11-IV and 16-V (ILL, CAT). Postnuptial migration: last birds ringed 20-X (1 juvenile female) (ESC).

Formentera: Postnuptial migration: last record, 1 bird at Els Brols 21-XI (KLA).

Stonechat *Saxicola rubicola* (formerly *Saxicola torquatus rubicola*)

Status: Breeding and Resident abundant (Mallorca-Menorca-Ibiza). Winters common (Mallorca) and uncommon (Menorca-Formentera). Passage common (Mallorca-Ibiza) and uncommon (Menorca-Formentera).

Selection: Breeding and phenology.

Mallorca: La Gola, Pollença. 1 adult with juveniles 21-VI (FIO, CTOG).

Cabrera: Prenuptial migration: last, 1 bird 7-V (GEMI).

Postnuptial migration: first, 2 birds 19-X (GEMI).

Formentera: Prenuptial migration: 1 pair at Cap de Barberia 23-IV (KLA).

Postnuptial migration: 1 bird at Estany Pudent 22-X (MEY).

Isabelline Wheatear *Oenanthe isabellina*

Status: accidental (Mallorca).

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Northern Wheatear *Oenanthe oenanthe*

Status: Breeding uncommon (Ibiza) and rare (Mallorca). Passage abundant (Mallorca) and common (Menorca-Ibiza-Formentera).

Selection: Breeding, phenology and records of special interest.

Mallorca: Prenuptial migration: present from 18-III (1 bird) at S'Estalella, Lluçmajor (MMM) to 5-V (1 bird) at Salobrar de Campos (MMM). A maximum of 23 birds at la Punta de n'Amer, Sant Llorenç 31-III (MAC, RES).

This year **11** territories have been detected:

Puig des Teix, Deià. 1 male 28-V at Pla de Malagarba (LOP, MAC, HIN, PAM). 2 males 16-VI (GON).

Puig Major, Escorca. A minimum of 9 territories 28-VI (GON).

Postnuptial migration: present from 7-VIII (6 birds) at Albufereta, Pollença (RES) to 22-X (5 birds) at Prat de Sant Jordi, Palma (VDE). A maximum of 6 birds on the Cap Ses Salines road, Santanyí 16-IX (LOP, MAC).

Cabrera: Prenuptial migration: 1 bird 14-V (MAS, SUR).

Postnuptial migration: first records, 2 birds 17-VIII (VIC). Last records, 2 birds 21-X (GEMI). A maximum of 15 birds 22-IX (GORA).

Menorca: Sant Climent, Mahon. 3 birds 27-III (LIG, PIR).

Menorca airport, Mahón. 1 bird 21-VIII. Last postnuptial record 25-XI (LIG, PIR).

Cala'n Carbó, Ciutadell. 1 bird 3-IX (TRI).

Illa de l'Aire: Sant Lluís. Prenuptial migration: 1 male ringed 31-III (CAT).

Ibiza: Prenuptial migration: 10 birds at Sant Josep 6-IV (BAZ).

Postnuptial migration: 5 birds at Sant Josep 11-X (BAZ).

Sa Conillera: Sant Josep. 2 birds 10-IV (CAA, GRC).

Formentera: Prenuptial migration: 6 birds at Cap de Barbaria 5-IV (BAZ), 1 bird at Punta Prima 14-IV (KLA).

Postnuptial migration: 4 birds at Cap de Barbaria 10-X (BAZ).

Black-eared Wheatear *Oenanthe hispanica*

Status: Passage uncommon.

Selection: phenology and subspecies.

Mallorca: Prenuptial migration: first records, 1 bird at Cap Blanc, Lluçmajor 1-IV (HIN) to 5-IV (1 bird) at Ariant, Pollença (GON). A maximum of 2 birds 2 and 3-IV at Gotmar, Pollença (RES; VDE, PAM).

Postnuptial migration: 1 female 2-X a Son Pax, Palma (MMA).

Menorca: Sant Climent, Mahon. 1 bird 3-IV (LIG, PIR).

Menorca airport, Mahón. 1 bird 28-IX (LIG, PIR).

Illa de l'Aire: Sant Lluís. Prenuptial migration: 1 male ringed 1-IV (GRI) and 1 female 24-IV (ESC). Postnuptial migration: 1 bird near the lighthouse 5-X (FLO).

Formentera: Prenuptial migration: 1 bird 5-IV (BAZ).

Desert Wheatear *Oenanthe deserti*

Status: Accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Black Wheatear *Oenanthe leucura*

Status: Accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Common Rock Thrush *Monticola saxatilis*

Status: Breeding rare (Mallorca). Passage uncommon (Mallorca-Menorca) and rare (Ibiza-Formentera).

Selection: Breeding and phenology.

Mallorca: this year 2 territories have been detected:

Puig des Teix, Deià. 2 birds 28-V (LOP, MAC, HIN, PAM) and 6-VI (1 bird) (SOL) both at Pla de Malagarba.

Puig Major, Escorca. 1 male and 1 juvenile 28-VI (GON).

Blue Rock Thrush *Monticola solitarius*

Status: Breeding and Resident abundant (Mallorca), common (Menorca-Ibiza) and uncommon (Formentera).

Selection: Breeding and records of special interest.

Mallorca: Portocolom, Felanitx. juvenile reclamant to male 7-VI (SOL).

Formentera: Can Parra. 1 bird preying on a wall lizard on 28 and 30-IV (KLA).

Scaly Thrush *Zoothera dauma*

Status: accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Ring Ouzel *Turdus torquatus* *Status:* Winters common (Mallorca) and uncommon (Ibiza). Passage common (Mallorca) and uncommon (Menorca-Ibiza-Formentera).

Selection: phenology and records of special interest.

Mallorca: Pre-nuptial migration: last record, 2 birds at Cases de Cala Murta, Pollença 14-IV (BRC).

Post-nuptial migration: First records, 1 bird at La Trapa, Andratx 2-X (GON) and 1 bird at Cap de Formentor 14-X (RES). A maximum of 10 birds at Castellot, Calvià 19-XI (LOP, MAC).

Cabrera: Post-nuptial migration: first records, 1 bird 5-X (TOM).

Menorca: Sant Climent, Mahon. 1 bird 24-I and 1 bird 5-IV (LIG, PIR).

Illa de l'Aire: Sant Lluís. Post-nuptial migration: 1 male juvenile ringed 28-IX (GRI).

Formentera: Estany Pudent. 1 bird heard 23-X (MEY).

Ring Ouzel (Northern) *Turdus torquatus torquatus*

Status: Winters common (Mallorca) and uncommon (Ibiza). Passage common (Mallorca) and uncommon (Menorca-Ibiza-Formentera).

Selection: phenology.

Cabrera: Post-nuptial migration: 1 bird 19-X, 2 birds 20 and 21-X (GEMI).

Common Blackbird *Turdus merula*

Status: Breeding and Resident abundant (Mallorca-Ibiza) and common (Menorca). Winters common (Mallorca-Menorca-Ibiza) and uncommon (Formentera). Passage common.

Selection: Breeding and records of special interest.

Mallorca: La Gola, Pollença. 1 very confident juvenile 10-V (FIO, CTOG).

Menorca: Algondaret Nou, Mahon. First fledgling ringed 26-V (MEN).

Formentera: Can Parra. Present all year. 1 bird heard at night (full moon) 10-III, 2 adults and 2 juveniles 23-VII, presence of juveniles to 11-X (KLA). Breeding confirmed on the island.

Estany Pudent. At the Es Brolls area, heard and seen 1 bird from 2-VIII to 3-XI (MEY).

Cala Saona. 1 bird heard 6-X (MEY).

Fieldfare *Turdus pilaris*

Status: Winters uncommon (Mallorca-Menorca-Ibiza). Passage uncommon (Mallorca-Menorca-Ibiza) and rare (Formentera).

Selection: phenology and records of special interest.

Mallorca: Wintering: a maximum of 2 birds at Es Saluet, Andratx 22 and 24-I (BAZ; MAC). Last records, 1 bird at Albufereta, Pollença 23-II (RES) 1 bird at Es Llombards, Santanyí 31-I (MON) and 1 bird at Son Quint, Palma 26-I (MAC).



Fieldfare *Turdus pilaris*, 20th of December 2017.
Photo: Patrick Moussa.

Postnuptial: first records, 3 birds at Albufera 17-XI (RES), 1 bird at Castellot, Calvià 19-XI (LOP, MAC) and 4 birds at Coll des Prat, Escorca 20-XI (AMG). A maximum of 30 birds at Esclop peak, Estellencs 5-XII (GON) and 10 birds at Albufera 2-XII (MON).
Wintering: a maximum of 20 birds at Orient, Bunyola 22-XII (NIC), 10 birds at Na Burguesa 28-XII (WIL).

Menorca: Sant Climent, Mahon. 2 birds feeding in a field 16-I (LIG, PIR).
Menorca airport, Mahón. 2 birds 24-XI (LIG, PIR).

Song Thrush *Turdus philomelos*

Status: Winters abundant. Passage abundant.

Selection: phenology and records of special interest.

Mallorca: **Pre-nuptial migration:** last records, 3 birds at Formentor 30-IV (RES, RAD), 10 birds at Ariant, Pollença 13-IV (GON) and 1 bird at La Gola, Pollença 11-IV (HIN). A maximum of 30 birds at Pla de Vilafranca 25-I (RIR, VDE, GUR, PAM) and 18 birds at Albufera 27-I (VDE).
Post-nuptial migration: first records, 2 birds at Campanet 3-IX (VIC), 2 birds at Ariant, Pollença 27-IX (GON) and 6 birds at Bòquer valley, Pollença 30-IX (RES). A maximum of more than 40 birds at Cap de Formentor, Pollença 14-X (RES).

Cabrera: **Pre-nuptial:** last, 2 birds 6-V (GEMI). **Post-nuptial:** first, 1 bird 22-IX (GORA).

Illa de l'Aire: Sant Lluís. **Pre-nuptial migration:** last ringing 15-V (CAT).

Post-nuptial migration: first birds ringed 30-IX (5 birds) (GRI).

Formentera: **Pre-nuptial migration:** last record, 4 birds at Estany Pudent 8-III (KLA).

Post-nuptial migration: first birds 8-X at Can Parra (KLA).

Redwing *Turdus iliacus*

Status: Winters uncommon (Mallorca-Menorca-Ibiza) and rare (Formentera).

Passage uncommon (Mallorca-Menorca-Ibiza) and rare (Formentera).

Selection: phenology.

Mallorca: Postnuptial migration: first records, 1 bird at Sant Salvador, Felanitx 29-X (JMO) and 1 bird at Comuna de Bunyola 6-XI (MTU). A maximum of 5 birds at Orient, Bunyola 22-XII (NIC).

Menorca: Sant Climent, Mahon. 1 bird 16-I (LIG, PIR).

Menorca airport, Mahón. 3 birds 13-XI (LIG, PIR).

Formentera: Postnuptial: 2 birds 25-X a l'Estany Pudent (KLA).

Mistle Thrush *Turdus viscivorus*

Status: Winters common (Mallorca-Ibiza) and uncommon (Menorca). Passage common (Mallorca) and uncommon (Menorca-Ibiza-Formentera).

Selection: phenology.

Mallorca: Prenuptial migration: last record, 1 bird at Gotmar, Pollença 3-2-IV (VDE, PAM; MAC, BRC; RES).

Postnuptial migration: First records, 2 birds at Puig des Teix, Valldemossa 7-X (NIC), 1 bird at Cap de Formentor, Pollença (RES) and also at Son Moragues, Valldemossa 14-X (GON) and 1 bird at Sant Salvador, Felanitx 23-X (JMO). A maximum of more than 25 birds at Comuna de Bunyola 13-XII (RES).

Wintering: a maximum of 30 birds at Orient 22-XII (NIC) and >20 birds at Monnàber Vell, Campanet 29-XII (RES).

Cabrera: Postnuptial: first, 15-X (3 birds) (VIC).

Menorca: Mahon. Postnuptial migration: 1 juvenile ringed 9-X (CAT).

Cetti's Warbler *Cettia cetti*

Status: Breeding and Resident abundant (Mallorca-Menorca) and uncommon (Ibiza). Passage rare (Formentera).

Selection: Breeding and records of special interest.

Mallorca: Binificat torrent, Llucmajor. 1 bird heard 30-III (GON).

Son Magí torrent, Palma. 1 bird heard 21-IV (GON, MLL).

Estany des Tamarells, Ses Salines. 1 bird 12-V (MUN).

Galatzó torrent, Calvià. 2 birds heard 12-V (GON).

Menorca: Albufera des Grau, Mahon. First fledgling ringed 11-VI (GRI).

Zitting Cisticola *Cisticola juncidis*

Status: Breeding and Resident abundant (Mallorca), common (Menorca-Ibiza) and rare (Formentera).

Selection: Breeding.

Mallorca: Salobrar de Campos. First songs 19-II (LOP, MAC).

Prat de Sant Jordi, Palma. First songs heard 20-III (LOP, MAC).

Formentera: Estany Pudent. Present and heard at its breeding area at Es Brolls between 19-III (4 birds) to 25-X (1 bird) (KLA; MEY).

Common Grasshopper Warbler *Locustella naevia*

Status: Passage uncommon.

Selection: all records received.

Mallorca: Prenuptial migration: male singing at Formentor peninsula, Pollença 23-IV (RES).

Cabrera: Prenuptial migration: 1 bird 5 and 6-V (GEMI).

Illa de l'Aire: Sant Lluís. Prenuptial migration: first ringing 4-IV (1 adult), last, 5-V (1 adult) (ESC). Postnuptial migration: first ringing 29-IX (1 juvenile) (GRI), last, 6-X (1 bird) (ESC).



Zitting Cisticola *Cisticola juncidis*, Albufera de Mallorca Natural Park, 19th of July 2017.
Photo: Patrick Moussa.

Savi's Warbler *Locustella luscinioides*

Status: Breeding rare (Mallorca). Passage rare (Menorca-Ibiza).

Selection: all records received.

Mallorca: Albufera, singing male at Camí den Pep 28-III, 1 bird 3-IV (RES), 1 bird singing at ses Eres 6-V (BTT, GEE), 1 male heard 22-V (FAV), 1 singing male at Cibollar on 7, 8 and 15-VI and 2 birds 24-VI (RES).

Moustached Warbler *Acrocephalus melanopogon*

Status: Breeding and Resident abundant (Mallorca) and uncommon (Menorca).

Winters rare (Ibiza). Passage uncommon (Mallorca).

Selection: Breeding.

Mallorca: La Gola, Pollença. 1 bird 31-III (FIO, CTOG).
Prat d'Alcúdia. 1 bird 18-XI (TOM).

Aquatic Warbler *Acrocephalus paludicola*

Status: Accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Sedge Warbler *Acrocephalus schoenobaenus*

Status: Passage uncommon.

Selection: phenology.

Mallorca: Pre-nuptial migration: First records, 1 singing male at Albufera 22-III (RES). Lasts birds at La Gola, Pollença 25-IV (FIO, CTOG) and 1 bird 22-IV at Es Saluet, Andratx (BAZ). A maximum of >10 birds at Prat de Sant Jordi, Palma 9-IV (NIC).

Cabrera: Pre-nuptial migration: last, 2 birds 7-V (GEMI).

Post-nuptial migration: 1 bird 23-IX (GORA).

Illa de l'Aire: Sant Lluís. Pre-nuptial migration: 1 adult ringed 9-V (CAT).



Great Reed Warbler *Acrocephalus arundinaceus*, Albufera de Mallorca Natural Park, 4th of May 2017. Photo: Patrick Moussa.

Blyth's Reed Warbler *Acrocephalus dumetorum*

Status: accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Eurasian Reed Warbler *Acrocephalus scirpaceus*

Status: Breeding common (Mallorca-Menorca-Ibiza) and rare (Formentera).

Passage abundant (Mallorca) and common (Menorca-Ibiza-Formentera).

Selection: Breeding and phenology.

Mallorca Pre-nuptial migration: first records, 1 bird at Albufera 18-III (MAC, RIR, HIN). Last records, 1 bird at Prat de Sant Jordi, Palma 4-V (NIC).

Albufera. Singing male 22-V (FAV).

Es Saluet, Andratx. 3 birds 3-VI (BAZ).

Prat de Sant Jordi, Palma. 2 males singing 20-VI (RES).

Post-nuptial migration: last records, 2 birds singing 12-X at Son Pax, Palma (MMA) and 2 birds at Prat de Sant Jordi, Palma 19-IX (JMO).

Cabrera: Post-nuptial migration: 2 birds 14-IX (VIC, JMO) and 2 birds 21-X (GEMI).

Illa de l'Aire: Sant Lluís. Pre-nuptial migration: between 19-IV and 17-V 27 birds ringed (ESC). Post-nuptial migration: 1 bird ringed 24-X (BAR).

Formentera: Estany Pudent. Two males heard singing at different areas with *Phragmites australis*, at the Es Brolls area from 16-VI to 12-VII (KLA).

Marsh Warbler *Acrocephalus palustris*

Status: accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Great Reed Warbler *Acrocephalus arundinaceus*

Status: Breeding common (Mallorca) and uncommon (Menorca). Winters rare (Mallorca). Passage common (Mallorca), uncommon (Menorca-Ibiza) and rare (Formentera).

Selection: Breeding and phenology, all records from Formentera.

Mallorca: Wintering: 1 bird singing at Maristany, Alcúdia 16-I (MMA).

Prenuptial migration: First records, 1 bird at Albufera 3-IV (RES).

Last, 1 bird at Formentor, Pollença 30-IV (RES, RAD).

Prat d'Alcúdia. This year **3** pairs have bred (LOP). Song heard from 10-IV (MAC) and a maximum of 3 birds 30-V (TOM).

Postnuptial migration: last birds 1-X at Albufera (ELK).

Menorca: Prat de Son Bou, Alaior. 1 bird heard 15-X (LIG, PIR).

Western Olivaceous Warbler *Iduna opaca* (formerly *Hippolais opaca*)

Status: Passage rare.

Selection: all records received.

Mallorca: Albufera. **1** bird 2-VII.

Cabrera: **1** bird 4-V.

Illa de l'Aire: **3** adults ringed between 11 and 15-V.

For more information about these accepted records, see the report by the Balearic Rarities Committee.

Booted Warbler *Iduna caligata* (formerly *Hippolais caligata*)

Status: accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Icterine Warbler *Hippolais icterina*

Status: Passage common.

Selection: phenology.

Mallorca: Prenuptial migration: present from 24-IV (1 bird) to 1-VI (1 bird) both at Albufera (SOL; RES).

Cabrera: Prenuptial migration: 2 birds 4-V and 1 bird 5-V (GEMI).

Illa de l'Aire: Sant Lluís. Prenuptial: 22 birds ringed between 2 and 17-V (GRI).

Melodious Warbler *Hippolais polyglotta*

Status: Passage common.

Selection: phenology.

Mallorca: Prenuptial migration: 1 bird 1-V at Bòquer valley, Pollença (JMO).

Postnuptial migration: 1 bird 30-IX at Bòquer valley (RES, RAD, MAC, GON).

Cabrera: Prenuptial migration: 1 bird 5-V, 4 birds 6-V and 3 birds 7-V (GEMI).

Illa de l'Aire: Sant Lluís. Prenuptial migration: 10 birds ringed between 2 and 16-V (GRI).

Eurasian Blackcap *Sylvia atricapilla*

Status: Breeding and Resident abundant (Mallorca), common (Menorca) and rare (Ibiza). Winters abundant (Mallorca-Ibiza), common (Menorca-Formentera).

Passage abundant.

Selection: Breeding and phenology.

Cabrera: Prenuptial migration: last record, 2 birds 6-V (GEMI).

Postnuptial migration: 22 birds 22-IX (GORA).

Menorca: Alforí de Dalt, Ciutadella. First fledgling ringed 18-VI (GRI).

Garden Warbler *Sylvia borin*

Status: Passage abundant.

Selection: phenology.

Mallorca: Prenuptial migration: first birds at Formentor, Pollença 30-IV (RES, RAD), to 12-V (1 bird) at Es Capdellà, Calvià (SOL).

Postnuptial migration: present between 18-VIII (1 bird) at Ariant, Pollença (GON), to 5-X (1 bird) (FIO, CTOG).

Cabrera: Prenuptial migration: present from at least 4-V (16 birds) (GEMI). 2 birds 2-VI (RES).

Postnuptial migration: 1 bird 14-IX (JMO), 26 birds 23-IX and 15 birds 24-IX (GORA). Last, 2 birds 22-X (GEMI).

Illa de l'Aire: Sant Lluís. Prenuptial migration: 32 birds ringed between 21-IV and 16-V (ESC, CAT). Postnuptial migration: 6 birds ringed, last one a juvenile 16-X (ESC).

Barred Warbler *Sylvia nisoria*

Status: Accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Lesser Whitethroat *Sylvia curruca*

Status: Passage rare (Mallorca-Menorca-Formentera).

Selection: all records received.

Mallorca: La Gola, Pollença. **1** bird from 28 to 31-X.

Cabrera: **2** birds 20-X.

Records pending acceptance from the Spanish Rarity Committee SEO.

Orphean Warbler *Sylvia hortensis*

Status: Passage uncommon (Menorca) and rare (Mallorca-Ibiza-Formentera).

Selection: all records received.

Mallorca: Bòquer valley, Pollença. **1** male 28-IV.

Illa de l'Aire: Sant Lluís. **1** male 18-IV.

For more information about these accepted records, see the report by the Balearic Rarities Committee.

Common Whitethroat *Sylvia communis*

Status: Passage abundant (Mallorca-Menorca-Formentera) and common (Ibiza).

Selection: phenology.

Mallorca: Prenuptial migration: present from 13-IV (1 bird) (BRC) to 1-V (3 birds) both records from Bòquer valley, Pollença (JMO).

Postnuptial migration: present from 2-IX (1 bird) at La Gola, Pollença (FIO, CTOG) to 20-IX (1 bird) at El Toro, Calvià (NIC).

Cabrera: Prenuptial migration: last record, 2 birds 14-V (MAS, SUR).

Postnuptial migration: a maximum of 25 birds 23-IX (GORA). Last, 1 bird 20-X (GEMI).

Illa de l'Aire: Sant Lluís. Prenuptial migration: 53 birds ringed between 27-III (1 male) and 17-V (2 females) (CAT).

Formentera: Prenuptial migration: 1 bird 5-IV (BAZ).

Spectacled Warbler *Sylvia conspicillata*

Status: Breeding uncommon (Menorca) and rare (Mallorca). Passage uncommon (Menorca-Ibiza-Formentera) and rare (Mallorca).

Selection: Breeding and phenology.

Mallorca: Puig des Teix, Deia. 1 male and 1 female 28-V (LOP, MAC, PAM, HIN). 3 birds heard 16-VI (GON).

Dartford Warbler *Sylvia undata*

Status: Breeding and common Resident (Menorca) and uncommon (Mallorca).

Winters common (Mallorca-Ibiza) and uncommon (Menorca). Passage uncommon.

Selection: phenology, records of interest and breeding.

Mallorca: Prenuptial migration: 1 bird 15-IV at Portocolom, Felanitx (MAC, RES, HIN).

Postnuptial migration:

Portocolom. 3 birds 17-XI (MON).

Rafeubetx, Calvià. 2 birds 26-X (RES) and 1 bird 24-XI (BAZ, PAM).

Formentera: Postnuptial migration: 2 birds at Els Estanyets 12-XI (KLA).

Marmora's Warbler *Sylvia sarda*

Status: Passage rare (Menorca).

Selection: all records received.

Cabrera: 1 singing male 6-V.

Record pending acceptance from the Spanish Rarity Committee SEO

Balearic Warbler *Sylvia balearica*

Status: Breeding and Resident abundant (Mallorca-Ibiza) and common (Formentera). Extinct as a Breeder (Menorca).

Selection: Breeding and all records received from Menorca.

Cabrera: family group of 4 birds 17-IX (TOM).

Sa Dragonera: 2 birds 29-III (JMO). 10 birds 25-IV (MCM).

Formentera: Can Parra. 1 juvenile 7-V (KLA).

Subalpine Warbler *Sylvia Cantillans*

Status: Passage common.

Selection: phenology and subspecies.

Mallorca: Prenuptial migration: first records, 1 bird at El Toro on 5 and 6-IV Calvià (BEN; SOL) and 1 bird at Bòquer valley, Pollença 13-IV (BRC). Last, 1 bird at Bòquer, Pollença 1-V (JMO).

Postnuptial migration: first records, 2 birds 10-IX and last 22-IX both at Portocolom, Felanitx (JMO).

Cabrera: Prenuptial migration: 1 bird 14-IX (JMO) and 1 bird 24-IX (GORA).

Menorca: Mongofre salt flats, Mercadal. 1 bird 30-III (LIG, PIR).

Illa de l'Aire: Sant Lluís. Prenuptial migration: first bird ringed 19-III (female) (CAT). Postnuptial migration: last bird ringed 3-X (1 female) (ESC).

Subalpine Warbler (Western) *Sylvia Cantillans cantillans*

Status: Passage common.

Selection: phenology.

Mallorca: Albufereta, Pollença. 1 bird 13-IV (MAC).

Cases Velles, Pollença. 1 bird 15-IV (MAC, HIN).

Subalpine Warbler *Sylvia Cantillans*

Status: Breeding common (Mallorca). Passage common. Occasional breeder 2004 (Menorca).

Selection: Breeding and phenology.

Mallorca: Prenuptial: first records, 14-V with 1 singing male at Avantor, Escorca (MUN).

Cúber reservoir, Escorca. 1 bird 17-V (LOP, RIR, VDE, MAC, PAM, HIN) and 2 birds 30-V (BAZ). A nest in a shrub 1,5 m high near the shelter building 9-VI (ALO).

Font de Son Creus, Banyalbufar. 2 birds 13-V and 1 bird 1-VI near the spring (FIO). 3 birds, two of them territorial males 9-VI (NIC).

Postnuptial migration: last records, 1 bird 2-X at Cap des Ses Salines, Santanyí (MON) and 1 bird at Portocolom, Felanitx 10-IX (JMO).

Cabrera: Breeder. First arrivals 2-V (1 bird) (JMO).

Formentera: Can Parra. Postnuptial: 1 bird at drinking pond 11-X (KLA).

Sardinian Warbler *Sylvia melanocephala*

Status: Breeding and Resident abundant and common (Formentera). Winters uncommon (Mallorca). Passage uncommon (Mallorca-Menorca).

Selection: Breeding.

Mallorca: juveniles observed from 29-V (MAC).

Cabrera: a maximum of 50 birds 24-IX (GORA).

Menorca: Albufera des Grau, Mahon. First fledgling ringed 30-VI (GRI).

Illa de l'Aire: First fledgling ringed 9-V (CAT).

Formentera: Can Parra. Chicks observed from 30-V (KLA).

Estany Pudent. 1 male eating *Lantana camara* fruit (yellow and red) 9-X (MEY).

Rüppell's Warbler *Sylvia ruppeli*. (formerly *Sylvia rueppellii*)

Status: accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Greenish Warbler *Phylloscopus trochiloides*

Status: accidental.

Selection: all records received.

Illa de l'Aire: Sant Lluís. **1** juvenile Ringed 8-X.

Record pending acceptance from the Spanish Rarity Committee SEO.

Palla's Leaf Warbler *Phylloscopus proregulus*

Status: Vagrant.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Yellow-browed Warbler *Phylloscopus inornatus*

Status: Passage rare (Mallorca-Menorca-Ibiza).

Selection: all records received.

Mallorca: Castell de Santueri, Felanitx. **1** bird 23-X.

Portocolom, Felanitx. 1 bird 25-X, **3** birds 27-X, 1 bird 2-XI and 2 birds 4-XI.

Cabrera: 1 bird 4 and 5-V, **6** birds 6-V and **3** birds 20-X.

For more information about these accepted records, see the report by the Balearic Rarities Committee.

Hume's Leaf-Warbler *Phylloscopus humei*

Status: Vagrant.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Radde's Warbler *Phylloscopus schwarzi*

Status: Vagrant.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Dusky Warbler *Phylloscopus fuscatus*

Status: Vagrant.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Western Bonelli's Warbler *Phylloscopus bonelli*

Status: Passage common (Ibiza) and uncommon (Mallorca-Menorca-Formentera).

Selection: phenology.

Mallorca: Prenuptial migration: first records, 1 bird El Toro, Calvià 5-IV, 1 bird at Es Capdellà, Calvià 13-IV (SOL). Last records, 1 bird at Cases Velles, Pollença 1-V (MAC, HIN).

Cabrera: Prenuptial migration: 1 bird 4-V (GEMI).

Sa Dragonera: Prenuptial migration: 1 bird 2-IV (MCM).

Illa de l'Aire: Sant Lluís. Prenuptial migration: 5 birds ringed from 1-IV to 9-V (ESC, CAT). Postnuptial migration: 1 juvenile ringed 2-X (ESC).

Wood Warbler *Phylloscopus sibilatrix*

Status: Passage common (Mallorca-Formentera) and uncommon (Menorca-Ibiza).

Selection: phenology.

Mallorca: Prenuptial migration: first records, 1 bird at La Gola, Pollença 1-IV (LOP), 2 birds at El Toro, Calvià 5-IV (BEN) and 1 bird at Ariant, Pollença 13-IV (GON). Last records, 1 bird at Es Capdellà, Calvià 23-V (SOL) and 2 birds at 1-V (JMO).

Cabrera: Prenuptial migration Bóquer, Pollença: 2 birds 4-V, 1 bird 5-V (GEMI).

Sa Dragonera: Prenuptial migration: 1 bird 2-IV (MCM).

Illa de l'Aire: Sant Lluís. Prenuptial migration: 18 birds ringed between 11-IV and 16-V (ILL, CAT).

Sa Conillera: Sant Antoni. Prenuptial migration: 1 bird 14-IV (GRC, CAA, GLL).

Common Chiffchaff *Phylloscopus collybita*

Status: Non-breeding summer visitor rare (Mallorca). Winters abundant. Passage abundant (Mallorca-Menorca-Formentera) and common (Ibiza). Occasional breeder 2008 and 2009 (Mallorca).

Selection: phenology and subspecies.

Mallorca: Prenuptial migration: last records, 1 bird heard at the coast in Pollença 23-V (FAV), 1 bird at Llenaire, Pollença 16-V (NIC, SUA, GAR), 2 birds at Formentor peninsula, Pollença 23-IV (RES) and 3 birds at Cases Velles, Pollença 22-IV (MAC, HIN).

Spring presence: 1 bird at Camí de Correu, Banyalbufar 1-VI (FIO).

Postnuptial migration: first records, 1 bird at Salobrar de Campos 6-IX (JMO), 1 bird at La Gola, Pollença 28-IX (FIO, CTOG) and 1 bird on the outskirts of Costitx 30-IX (RES). Heavy migrant fall between 25 and 30-X at La Gola, Pollença (FIO, CTOG).

- Cabrera*: Pre-nuptial migration: last records, 1 bird 2-VI (RES) and 6-V (GEMI).
2 birds
Post-nuptial migration: first records, 1 bird 22-IX, 3 birds 23-IX and 9 birds 24-IX (GORA).
- Sa Dragonera*: Pre-nuptial: 10 birds 31-III (JMO).
- Illa de l'Aire*: Sant Lluís. Pre-nuptial migration: last birds ringed 16-V (CAT).
Post-nuptial migration: first birds ringed 30-IX (GRI).
- Formentera*: Post-nuptial: first records, 2 birds 12-IX (KLA).

Siberian Chiffchaff *Phylloscopus collybita tristis*

Status: accidental.

Selection: all records received.

Mallorca: Portocolom, Felanitx. 1 bird 3-XI.

Record pending acceptance from the Spanish Rarity Committee SEO.

Iberian Chiffchaff *Phylloscopus ibericus*

Status: Passage uncommon (Mallorca-Menorca), rare (Ibiza-Formentera).

Selection: all records received.

Illa de l'Aire: Sant Lluís. Pre-nuptial migration: 6 birds ringed between 25-III and 11-IV (CAT, ILL).

Post-nuptial migration: 4 birds ringed from 8 to 17-X (ESC, CAT).

Willow Warbler *Phylloscopus trochilus* *Status*: Passage abundant.

Selection: phenology.

Mallorca: Pre-nuptial migration: first records, 1 male heard 8-III (RES) and 23-III 1 bird (BAZ) both at Albufera, and 5 birds at La Gola, Pollença 11-IV (FIO, CTOG). Last records, 1 bird at La Gola, Pollença 10-V (FIO, CTOG), 1 bird at La Trapa, Andratx 7-V (LLA) and 4 birds at La Gola, Pollença 2-V (FIO, CTOG). A maximum of 100 birds after persistent morning rain at Bóquer, Pollença 1-V (JMO).

Post-nuptial migration: first records, 1 bird at Ariant, Pollença 18-VIII (GON), 5 birds at S'Evangèlica, Andratx 20-VIII (BAZ) and 1 bird 23-VIII at Esclop peak, Estellencs (GON). Last records, 1 bird at Mortitx, Escorca 4-X (TOM) and 1 bird at La Gola, Pollença 30-IX (FIO, CTOG).

Cabrera: Pre-nuptial migration: around 30 birds 2-V (JMO). 16 birds 7-V (GEMI).

Post-nuptial migration: Last record, 2 birds 24-IX and 70 birds 23-IX (GORA).

Sa Dragonera: Pre-nuptial migration: 13 birds 30-III, 33 birds 31-III (JMO), 10 birds 2-IV, 1 bird 25-IV (MCM).

Menorca: Sant Climent, Mahon. 1 bird 28-III (LIG, PIR).

Menorca airport, Mahón. 1 bird 12-VIII (LIG, PIR).

Illa de l'Aire: Sant Lluís. Pre-nuptial migration: first bird ringed (2 birds) 21-III and last (3 birds) 17-V (CAT). Post-nuptial migration: last ringings (2 birds) 20-X (ESC).

Goldcrest *Regulus regulus*

Status: Winters common (Menorca-Ibiza) and uncommon (Mallorca). Passage common (Menorca), uncommon (Mallorca-Formentera).

Selection: phenology.

Mallorca: Post-nuptial migration: first records, 2 birds at Rafeubetx, Calvià 26-X (RES) and 1 bird at La Gola, Pollença 30-X (FIO, CTOG).

Cabrera: Post-nuptial migration: 5 birds 9-XI (VIC). 1 bird 21-X (GEMI).

Illa de l'Aire: Sant Lluís. Postnuptial migration: first ringing, 23-X (1 juvenile female) (BAR).

Formentera: Prenuptial migration: last record, 1 pair at Can Parra 19-III (KLA).

Common Firecrest *Regulus ignicapilla*

Status: Breeding and Resident abundant (Mallorca-Ibiza), common (Menorca) and uncommon (Formentera). Winters uncommon (Mallorca). Passage uncommon (Mallorca-Menorca-Formentera).

Selection: Breeding, phenology and records of special interest.
No records selected.

Spotted Flycatcher *Muscicapa striata*

Status: Breeding abundant (Mallorca-Ibiza) and common (Menorca-Formentera). Passage abundant (Mallorca-Ibiza) and common (Menorca-Formentera).

Selection: Breeding, phenology and subspecies.

Mallorca: Prenuptial: First records, 1 bird at Palma 20-IV (SUA), 1 bird at Calvià 21-IV (SOL) and 1 bird at Albufera 22-IV (MAC, HIN).

Postnuptial: last records, 1 bird 15-XI and 2 birds 13-XI both at Palma (VDE).

Artà. 2 birds catching moths under street lights 24-VIII (ART, MUÑ).

Cabrera: Prenuptial migration: 3 birds 14-V (MAS, SUR).

Menorca: Rafalet, Sant Lluís. 1 bird 16-IV (TYS).

Illa de l'Aire: Sant Lluís. Prenuptial migration: first ringing, 22-IV. Postnuptial migration: last ringing, 2-X (1 juvenile) (ESC).

Formentera: Prenuptial: first birds 30-IV at Can Parra, (KLA).

Postnuptial: last birds (heard) at Estany Pudent 10-X (MEY).

Spotted Flycatcher (Balearic) *Muscicapa striata balearica*

Status: Breeding abundant (Mallorca-Ibiza-Formentera) and common (Menorca).

Selection: Breeding, phenology.

Mallorca: Prenuptial: first records, 1 bird at Parc Bit, Palma 22-IV (NIC), 2 birds at Formentor peninsula, Pollença 23-IV (RES) and 2 birds at Cap Blanc, Lluçmajor 26-IV (GON).

Albufera. 2 birds nesting 22-V (FAV).

La Gola, Pollença. 1 bird catching a cicada 28-VI (FIO, CTOG).

Palma. 2 adults with 4 chicks at Sagrat Cor park 28-VI (NIC).

Postnuptial: Last record, 1 bird at La Gola, Pollença 6-5-X (FIO, CTOG) and 1 bird at Banc d'Ibiza, Calvià 5-X (GON).

A maximum of 19 birds with just one bird of the *striata* subspecies at Formentor, Pollença 16-IX (RES).

Sa Dragonera: Prenuptial: 4 birds 25-IV (MCM).

Cabrera: Postnuptial: 1 bird 23-IX and 1 bird 22-IX (GORA).

Spotted Flycatcher (Nominate) *Muscicapa striata striata*

Status: Passage abundant (Mallorca-Ibiza-Formentera) and common (Menorca).

Selection: phenology.

Mallorca: Prenuptial migration: first records, 1 bird at Albufera 30-IV (JMO).

Last records, 1 bird at Coll des Pastors, Palma 10-V (GON) and 1 bird at La Gola, Pollença 2-V (FIO, CTOG).

Postnuptial migration: last records, 1 bird at Pollença 6-X (ART, MUÑ) and 1 bird at La Gola, Pollença 5-X (FIO, CTOG).

Cabrera: Prenuptial migration: last, 6-V (2 birds) (GEMI).

Postnuptial migration: 2 birds 23-IX and 1 bird 22-IX (GORA). Last birds, 21-X (GEMI).



Balearic Spotted Flycatcher *Muscicapa striata baleárica*, Cúber, Escorca, 1st of August 2017.
Photo: Patrick Moussa.

Red-Breasted Flycatcher *Ficedula parva*

Status: Passage rare (Mallorca-Menorca).

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Semicollared Flycatcher *Ficedula semitorcuata*

Status: accidental (Menorca).

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Collared Flycatcher *Ficedula albicollis*

Status: Passage rare.

Selection: all records received.

Mallorca: Albufera. **1** adult male 29 and 30-IV.

Cabrera: **1** adult female in very bad condition 6-V.

Menorca: Sant Climent, Mahon. **1** bird 10-IV.

Records pending acceptance from the Spanish Rarity Committee SEO.

European Pied Flycatcher *Ficedula hypoleuca*

Status: Passage abundant (Mallorca-Menorca) and common (Ibiza-Formentera). Occasional breeder 1993 (Mallorca).

Selection: phenology.

Mallorca: Prenuptial migration: first records, 1 bird at Camí del Castell d'Alaró 31-III (ALO), 1 bird at La Gola, Pollença 12-IV (MAC, HIN) and 1 bird at Es Capdellà, Calvià 13-IV (SOL). Last records, 1 bird at La Gola, Pollença 1-V (TYS, CTOG) and 1 bird at Parc Bit, Palma (NIC), also 50

birds present after persistent morning rain at Bóquer, Pollença and 10 birds more in the valley 1-V (JMO).

Postnuptial migration: First records, 1 and 2 birds at s'Evangelica, Andratx on 20 and 28-VIII (BAZ) and 1 bird at Galatzó, Calvià 24-VIII (GON). Last records, 1 bird at La Gola, Pollença on 31 and 6-X (MOU; FIO, CTOG) and 1 bird at Rafeubetx, Calvià 6-X (GON). A maximum of 20 birds at Ternelles, Pollença 13-IX (TOM).

Cabrera: Prenuptial migration: 25 birds 2-V (JMO) and 1 bird 14-V (MAS, SUR).

Postnuptial migration: 1 bird 12-IX (VIC), a maximum of 20 birds 22-IX and 1 bird 23-IX (GORA).

Sa Dragonera: Prenuptial migration: 1 bird 25-IV (MCM).

Menorca: Sant Climent, Mahon. 1 bird 11-IV (LIG, PIR).

Menorca airport, Mahón. 1 bird found dead after collision with a window at the terminal 25-VIII (LIG, PIR).

Illa de l'Aire: Sant Lluís. Prenuptial migration: first birds ringed 1-IV (3 birds) and last 15-V (1 female) (ESC; CAT). Postnuptial migration: last ringing 20-X (2 juveniles) (ESC).

Formentera: Prenuptial migration: present between 17-IV (1 bird) to 22-V (1 bird) both at Can Parra (KLA).

Long-tailed Tit *Aegithalos caudatus*

Status: Breeding and Resident uncommon (Mallorca).

Selection: all records received.

Mallorca: Son Quint, Palma. 4 birds 28-I, 3 birds 1-II (MAC), 2 birds 14-III (VDE), 2 and 3 birds on 7 and 25-IV (MAC).
Bosc de Bellver, Palma. 3 birds 3-II (CAA, GRC).
Santa Ponça torrent, Calvià. 1 bird 24-II (VDE, GUR).
Port des Canonge, Banyalbufar. 1 bird 27-II (RIR, VDE, PAM).
Son Muntaner, Palma. 1 bird 21-IV (GON, MLL).
Son Creus, Banyalbufar. Adults with 5 fledglings 9-V and with 4 fledglings 9-VI (NIC). 5 birds on 17-VIII and 1 bird on 29-VIII (SUA, NIC, JMO).
Planícia Finca, Banyalbufar. 2 birds 12-V (FIO).
Camí des Correu, Banyalbufar. Family groups of 4 birds 13-V and 8 birds 1-VI (FIO).
S'Evangelica, Andratx. 2 birds 3-VI (BAZ).
Sant Elm, Andratx. 2 birds 8-X (GON, GDE).
Serra de Na Burguesa, Calvià. 10 birds 19-XI and 2 birds in a garden at Cas Català 21-XI (WIL).

Blue Tit *Cyanistes caeruleus* (formerly *Parus caeruleus*)

Status: Breeding and common Resident (Mallorca). Accidental (Ibiza). Information missing.

Selection: Breeding and all records received from Ibiza.

Mallorca: Defla, Sineu. Nest box with 6 eggs, third consecutive year in the same box (probably the same pair), located in a holm oak wood.
Parus major occupy the remaining boxes (19) (SUN).

Great Tit *Parus major*

Status: Breeding and Resident abundant (Mallorca-Ibiza) and common (Menorca). Winters uncommon (Menorca).

Selection: Breeding.

Mallorca: La Gola, Pollença. 1 adult with 8 juveniles 21-VI (FIO, CTOG).

Camí des Cocons, Bunyola. 2 fledged chicks heard begging for food from the adults 10-VIII (MMA, LLZ).

Menorca: Algondaret Nou, Mahon. First fledgling ringed 26-V (MEN).

Coal Tit *Periparus ater* (formerly *Parus ater*)

Status: accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Wallcreeper *Tichodroma murareia*

Status: accidental.

Selection: all records received.

Menorca: Torre den Penjat cliffs, Es Castell. **1** bird 28-I.

For more information about this accepted record, see the report by the Balearic Rarities Committee.

Shoed-toed Treecreeper *Certhia brachydactyla*

Status: accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Eurasian Penduline Tit *Remiz pendulinus*

Status: Winters uncommon (*Menorca*) and rare (*Mallorca-Ibiza*). Passage rare (*Mallorca*).

Selection: phenology.

No sightings reported.

Eurasian Golden Oriole *Oriolus oriolus*

Status: Passage uncommon. Occasional breeder 1978 (*Mallorca*).

Selection: phenology.

Mallorca: Pre-nuptial migration: first records, 1 bird singing at Port des Canonge, Banyalbufar (TAP) and 1 pair at Es Capdellà, Calvià 18-IV, 2 birds at Albufera (SOL) and also 1 bird at Son Real, Santa Margalida 24-IV (RES). Last records, 1 bird at Albufera (MON) and 1 bird at Es Capdellà 17-V (SOL). 1 bird at Alcúdia 6-V (BRC, HIN). Post-nuptial migration: first birds 30-VIII at Portocolom, Felanitx (JMO), 1 bird at Mortitx, Escorca 5-IX (MUN) and 1 bird at Cap de Ses Salines, Santanyí 7-IX (JMO).

Wildlife recovery centre. **2** birds from Palma admitted due to unknown trauma on 15-VIII and 2-IX (COFIB).

Cabrera: Pre-nuptial migration: 1 bird 2-V (JMO). 1 bird on 5-V, 2 birds 6-V and 7-V (GEMI). Last records, 1 adult male ringed 29-IV (IGU).

Illa de l'Aire: Sant Lluís. Pre-nuptial migration: 1 female ringed 6-V (ESC) and 13-V (CAT).

Formentera: Pre-nuptial migration: present from 23-IV (1 bird) at Cap de Barberia, to 1-V (1 bird) at Can Parra (KLA).

Isabelline Shrike *Lanius isabellinus*

Status: Vagrant.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Red-backed Shrike *Lanius collurio*.

Status: Passage rare.

Selection: all records received.

Illa de l'Aire: Sant Lluís. 1 adult male 8-V.

For more information about this accepted record, see the report by the Balearic Rarities Committee.

Lesser Grey Shrike *Lanius minor*

Status: accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Great Grey Shrike *Lanius excubitor*

Status: accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Southern Grey Shrike *Lanius meridionalis*

Status: Winters rare (Mallorca-Ibiza-Formentera). Passage rare.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Woodchat Shrike *Lanius senator*

Status: Breeding abundant (Mallorca-Ibiza) and common (Menorca-Formentera).

Passage abundant and common (Menorca).

Selection: Breeding, phenology and subspecies.

Mallorca: Pre-nuptial migration: First records, 1 bird at Sant Elm, Andratx 27-III (PDG), 1 bird at Es Carnatge, Palma 29-III (VDE), 1 bird at Salobrar de Campos 30-III (MMM) and 1 bird at Albufereta, Pollença 31-III (ART, MUÑ, VIC).

Cabrera: Pre-nuptial migration: 2 birds 6-V (GEMI).

Menorca: Sant Climent, Mahon. 1 bird 28-III (LIG, PIR).

Illa de l'Aire: Sant Lluís. Pre-nuptial migration: 1 male ringed 26-III (CAT).

Woodchat Shrike (Nominate) *Lanius senator senator*

Status: Passage abundant and common (Menorca).

Selection: phenology.

Mallorca: Pre-nuptial migration: First records, 1 bird at Albufera 28-III (RES) and 1 bird at Cases Velles, Pollença 1-IV (MAC). Last records, 1 bird at Bòquer valley, Pollença 1-V (JMO) and 1 bird at Albufereta, Pollença 26-IV (LOP, HIN).

Sa Dragonera: Pre-nuptial: 1 bird 31-III (JMO).

Woodchat Shrike (Balearic) *Lanius senator badius*

Status: Breeding abundant (Mallorca-Ibiza), common (Menorca) and uncommon (Formentera). Passage abundant and common (Menorca).

Selection: Breeding, phenology.

Mallorca: Pre-nuptial migration: First records, 1 bird at Son Quint, Palma 29-III (MAC).

Cabrera: Pre-nuptial migration: 1 bird 4-V (GEMI).

Post-nuptial migration: 1 bird 20-X (GEMI).

Menorca: Alforí de Dalt, Ciutadella. First fledgling ringed 18-VI (GRI).

Ibiza: Sant Josep. Adults with 2 fledged chicks 25-VI (NIC).

Formentera: Can Parra. Juveniles observed from 25-VI (KLA).

Post-nuptial: last 2 birds at Estany Pudent 16-VIII (MEY).

Masked Shrike *Lanius nubicus*

Status: Accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Eurasian Jay *Garrulus glandarius*

Status: Accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Alpine Chough *Pyrrhocorax graculus*

Status: Accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Red-billed Chough *Pyrrhocorax pyrrhocorax* *Status:* Winters rare (Mallorca-Menorca-Ibiza).

Selection: all records received.

Mallorca: Puig de Massanella, Escorca. 1 bird 30-III (VDE), 3 birds 31-III (VDE, PAM, HIN).

Eurasian Jackdaw *Corvus monedula*

Status: accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Rook *Corvus frugilegus*

Status: accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Carrion Crow *Corvus corone*

Status: Accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Hooded Crow *Corvus cornix*

Status: accidental.

Selection: all records received.

Mallorca: Alcúdia beach. 1 bird 26-III.

Record pending acceptance from the Spanish Rarity Committee SEO.

Northern Raven *Corvus corax*

Status: Breeding and common Resident (Menorca), uncommon (Mallorca) and rare (Ibiza-Formentera).

Selection: Breeding, monthly maximums and all records from Ibiza and Formentera.

Mallorca: Santa Maria. A maximum of 210 birds at S'Estremera 14-I (MAC). 60 birds Son Sureda finca 21-VIII (FOR).

Marratxí. A maximum of 87 birds 7-II (HIN).

Felanitx. 2 birds showing territorial behaviour towards the presence of a Booted Eagle *Aquila pennata* 27-II (JMO).

Sa Dragonera: 3 birds 16-III (MAC), 2 birds 25-IV (MCM).

Common Starling *Sturnus vulgaris*

Status: Breeding and Resident escàs (Mallorca). Winters abundant (Mallorca-Menorca-Ibiza), common (Formentera). Passage abundant (Mallorca-Menorca) and common (Ibiza-Formentera).

Selection: Breeding, phenology and monthly maximums.

Mallorca: Albufera. Monthly maximums at the roost and extreme dates (VIC; LOP, MTU).

Prat de Sant Jordi, Palma. Monthly maximums and extreme dates (MEL; VDE RIR, PAM; BAZ; LOP).

Dates	I	II	III	IV	V	VI	VII	9*VIII	IX	X	XI	XII
Albufera	600.000	+	+	+	+	+	+	+	+	+	200.000	+
Sant Jordi	+	1.000	+	-	-	-	+	100*	400	+	10	+

Pre-nuptial: last records, 3 birds at Can Guidet irrigation reservoir, Palma 28-IV (RES) and 1 bird at the Cas Capiscol industrial estate, Palma 24-IV () (NIC).

Post-nuptial: first records, 12 birds at Salobrar de Campos 10-VII (SOL) and 428 birds at Camí de Muntanya, Palma 29-VII (VDE, PAM). Cap de Ses Salines, Santanyí. Observed on active migration south, 7 birds 17-IX (GORA).

Cabrera: **Pre-nuptial,** last, 7-V (>100) (GEMI).

Post-nuptial: first records, 18 birds 22-IX, 12 birds 23-IX, 17 birds 24-IX (GORA) and 150 birds 25-IX (VIC).

Formentera: **Post-nuptial:** First records, 30-IX (heard) at Estany Pudent and a maximum of 70 birds 30-X als voltants des Pujols (MEY).

Spotless Starling *Sturnus unicolor*

Status: Breeding and Resident uncommon (Mallorca-Menorca-Ibiza). Accidental (Formentera).

Selection: all records received.

Mallorca: Prat de Sant Jordi, Palma. 9 birds 8-I (VDE, PAM) and also 19-II (LOP, MAC). More than 25 adults and juveniles, also some unidentified birds, *S. vulgaris* or hybrids 24-V (RES). 4 birds 2-VI (RIR, VDE, PAM).

Can Guidet irrigation reservoir, Palma. 2 birds 25-II (MAC) and 1 bird 16-IX (LOP, MAC).

Albufereta, Pollença. Present all year at Can Cuarassa. 12 birds 17-III (NIC).

Son Rossinyol industrial estate, Palma. Adult in flight with food in its beak 24-IV (NIC). A small group of no more than 15 birds, observed in the area continuously for a year 12-V (MCM).

Capdepera. Breeding confirmed, in a warehouse at the industrial estate, and adult entering repeatedly through an open window with food, only 1 chick fledged successfully 26-V (ART, MUÑ).

Rosy Starling *Pastor roseus* (formerly *Sturnus roseus*)

Status: accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Common Waxbill *Estrilda astrild*

Status: Breeding and Resident uncommon (Mallorca), rare (Ibiza).

Selection: Breeding.

Mallorca: Albufera. Present all year. Monthly maximums (MAC, RIR, VDE, PAM).

Dates	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
Albufera	+	+	+	7	+	+	3	+	+	+	+	+

Due to its potential to colonize and become a threat to indigenous species, habitats and ecosystems, this species has been included in the Spanish Catalogue of Invasive Exotic Species, approved by Royal Decree 630/2013.

House Sparrow *Passer domesticus*

Status: Breeding and Resident abundant.

Selection: Breeding and records of special interest.

Mallorca: Ciutat Jardí, Palma. A maximum of 136 birds 30-I (VDE).

La Gola, Pollença. Groups of males and females with juveniles 8-VI (CTOG).

Formentera: Can Parra. Juveniles observed from 22-V to 23-IX (KLA).

Spanish Sparrow *Passer hispaniolensis*

Status: accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Eurasian Tree Sparrow *Passer montanus*

Status: Breeding and common Resident (Mallorca) and uncommon (Ibiza).

Passage rare (Mallorca-Menorca).

Selection: Breeding, phenology and all records from Menorca.

Mallorca: Camí de Muntanya, Palma. 5 birds 5-II (MAC, LOP) and 14 birds 26-XI (VDE).

Prat de Sant Jordi, Palma. 10 birds 18-II (BAZ) and 4 birds 9-IV (NIC).

Palma airport. 4 birds 4-III (BRC), 1 bird 2-VI (RIR, VDE, PAM) and 1 bird 18-X (RIR, VDE).

Llubí. 2 birds 30-III (SUA).

Porreres. 1 bird 2-IV (MEL).

Albufera. 1 bird 7-V at Son Boch 7-V (LOP, HIN).

Mondrago Natural Park, Santanyí. 4 birds 7-XI (AMG).

Bosc de la Rivera park, Palma. 1 bird 13-XII (LOP, PAM, VDE).

Rock Sparrow *Petronia petronia*

Status: Breeding and Resident abundant (Formentera), common (Ibiza) and uncommon (Mallorca). Accidental (Menorca). Information missing.

Selection: tots els registres.

Mallorca: Cap Blanc, Lluçmajor. 2 birds 30-I (MAC), 1 bird 20-III and 4-V (NIC), 6 birds 22-VI (SOL).

Mortitx, Escorca. 4 birds at Avantor 14-V (MUN).

Camí Cap de Ses Salines, Santanyí. A maximum of 21 birds near the road 5 7-IX (JMO).

Formentera: Cap de Barbaria. 3 birds 10-X (BAZ).

White-winged Snowfinch *Montifringilla nivalis*

Status: Winters rare.

Selection: all records received.

Mallorca: Esclop peak, Calvià. **1** bird 18-XI.

For more information about this accepted record, see the report by the Balearic Rarities Committee.

Common Chaffinch *Fringilla coelebs*

Status: Breeding and Resident abundant (Mallorca) and common (Menorca).

Winters abundant (Mallorca-Ibiza) and common (Menorca-Formentera). Passage abundant (Mallorca) and common (Menorca-Ibiza-Formentera).

Selection: Breeding and phenology.

Mallorca: Wintering:

Escorca. A maximum of 400 birds at Clot d'Aubarca 12-XI (LOP, MAC, RES, GON, BCN) and **500** birds at Mortitx 17-XII (LOP, MAC, BEN, BRC).

Cabrera: Prenuptial migration: 1 bird 5-V (GEMI).

Postnuptial migration: first records, 6 birds 22-IX and 2 birds 23-IX (GORA). More than 100 birds 22-X (GEMI).

Menorca: Algendaret Nou, Mahon. First fledgling ringed 26-V (MEN).
Son Putxet, Alaior. 100 birds in a field 26-XI (LIG, PIR).

Brambling *Fringilla montifringilla*

Status: Winters uncommon (Mallorca-Menorca) and rare (Ibiza). Passage uncommon (Mallorca-Menorca).

Selection: phenology and localitats.

Mallorca: Postnuptial migration: first records, 1 bird at Portocolom, Felanitx 24-X (JMO), 1 bird at Rafeubetx, Calvià 26-X (RES) and 1 female at Pla des Pouet, Valldemossa 28-X (GON). A maximum of 10 birds at Clot d'Albarca, Escorca 12-XI (RES, MAC, LOP, GON, BRC).
Comuna de Bunyola. 2 birds 18 and 20-XI (MTU, MAC, RES).
P.N. Llevant, Artà. 1 bird 24-XI (NIC).
Galatzó, Calvià. 1 bird 27-XI (VDE).

Wintering:

Comuna de Bunyola. 2 birds 13-XII (RES).

Mortitx, Escorca. 10 birds 17-XII (LOP, MAC, BEN, BRC) and 12 birds 30-XII (RES).

Cabrera: Postnuptial migration: 2 birds 20-X (GEMI) and 4 birds 26-X (VIC).

Menorca: Menorca airport, Mahón. 1 bird 23-X (LIG, PIR).

Vergers de Sant Joan, Mahon. 3 birds 4-XI (LIG, PIR).

Illa de l'Aire: Sant Lluís. Postnuptial migration: first ringing 24-X (male adut) (BAR).

European Serin *Serinus serinus*

Status: Breeding and Resident abundant (Mallorca-Ibiza-Formentera). Winters abundant (Ibiza) and uncommon (Mallorca-Menorca). Passage uncommon (Mallorca-Menorca-Ibiza).

Selection: Breeding and records of special interest.

Mallorca: Camí de Muntanya, Palma. A maximum of **150** birds 5-II (LOP, MAC).
La Gola, Pollença. 1 adult with juveniles 16-V (TYS, CTOG).

Cabrera: Prenuptial migration: more than 16 birds 4-6-V and at least 6 birds 7-V (GEMI).

Sa Dragonera: 5 birds 16-III (MAC) and 20 birds 25-IV (MCM).

Citril Finch *Serinus citrinella*

Status: accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

European Greenfinch *Carduelis chloris* *Status:* Breeding and Resident abundant (Mallorca-Ibiza), common (Menorca) and uncommon (Formentera). Winters common (Menorca-Ibiza) and uncommon (Mallorca). Passage common (Menorca) and uncommon (Mallorca).

Selection: Breeding and records of special interest.

Cabrera: Breeder, at least 100 birds 4-7-V (GEMI) and 15 birds 24-IX (GORA), More than 6 birds 21-X (GEMI).

Sa Dragonera: 10 birds 25-IV (MCM).

Menorca: Algondaret Nou, Mahon. First fledgling ringed 26-V (MEN).

European Goldfinch *Carduelis carduelis*

Status: Breeding and Resident abundant and moderate (Formentera). Winters abundant (Ibiza), common (Menorca) and uncommon (Mallorca). Passage common (Menorca-Ibiza) and uncommon (Mallorca).

Selection: Breeding and records of special interest.

Mallorca: La Gola, Pollença. Adult with juveniles 21-VI and 19-V (FIO, CTOG). Albufera. A maximum of 40 birds at Son Bosc 29-IX (ELK).

Cabrera: Breeder, more than 100 birds 4-7-V (GEMI), 6 birds 22 and 23-IX (GORA), at least 2 birds 19-21-X (GEMI).

Sa Dragonera: 6 birds 25-IV (MCM).

Menorca: Algondaret Nou, Mahon. First fledgling ringed 26-V (MEN).

Formentera: Can Parra. Chicks observed from 4-VI, juveniles 23-VI to 21-VII (KLA).

Eurasian Siskin *Carduelis spinus*

Status: Winters common (Mallorca-Ibiza) and uncommon (Menorca-Formentera). Passage common (Mallorca) and uncommon (Menorca-Ibiza). Occasional breeder (Mallorca).

Selection: phenology.

Mallorca: Pre-nuptial migration: last record, 16 birds at Palma 9-II (MAC).

Post-nuptial migration: first records, 4 birds at Cala en Feliu, Pollença 11-X (GON), 15 birds at Cala Murta finca, Pollença 12-X (GON) and at least 5 birds at Cap de Formentor, Pollença 14-X (RES). A minimum of 40 birds at Comuna de Bunyola 13-XII (RES).

Cabrera: Post-nuptial migration: first birds 8-X (SUA), more than 50 birds 20-X (GEMI).

Wintering: 3 birds 6-XII (VIC).

Illa de l'Aire: Sant Lluís. Post-nuptial migration: first bird ringed 14-X (1 juvenile male) (CAT).

Formentera: Pre-nuptial: last record, 2 birds singing at Can Parra 10-V (KLA).

Post-nuptial: A flock of 20 birds 18-X at La Mola (KLA).

Common Linnet *Carduelis cannabina*

Status: Breeding and Resident abundant and common (Menorca-Formentera). Winters common (Menorca) and uncommon (Mallorca). Passage common (Menorca) and uncommon (Mallorca).

Selection: Breeding and records of special interest.

Mallorca: Portocolom, Felantix. A maximum of 45 birds 22-IX (JMO).

Cabrera: Breeder. A maximum of more than 100 birds 4-7-V (GEMI), 11 bird 23-IX (GORA) and 41 birds 20-21-X (GEMI).

Sa Dragonera: 20 birds 25-IV (MCM).

Illa de l'Aire: Sant Lluís. First fledgling ringed 4-IV (ESC).

Common Redpoll *Carduelis flammea*

Status: Accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Red Crossbill *Loxia curvirostra*

Status: Breeding and Resident abundant (Mallorca) and common (Ibiza).

Accidental (Menorca-Formentera).

Selection: Breeding, subspecies and all records from Menorca and Formentera

Mallorca: La Gola, Pollença. An adult feeding fledgelings 8-VI (CTOG).

Cabrera: 1 bird 24-IX (GORA).

Sa Dragonera: 3 birds 25-IV (MCM).

Trumpeter Finch *Bucanetes githagineus*

Status: accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Common Rosefinch *Carpodacus erythrinus*

Status: Passage rare.

Selection: all records received.

Mallorca: cap des Ses Salines, Santanyí. 1 bird 1-X.

Cabrera: 1 bird 20-X.

Species requiring certification by the Spanish Rarity Committee.

Eurasian Bullfinch *Pyrrhula pyrrhula* *Status*: Winters rare (Mallorca-Menorca-Formentera).

Selection: all records received.

Menorca: Barranc de Son Fideu, Ferreries. 1 female 18-XI.

For more information about this accepted record, see the report by the Balearic Rarities Committee.

Hawfinch *Coccothraustes coccothraustes*

Status: Winters common (Mallorca), uncommon (Menorca) and rare (Ibiza).

Passage uncommon (Mallorca-Menorca) and rare (Ibiza-Formentera).

Selection: phenology, all records from Ibiza and Formentera.

Mallorca: Postnuptial migration: 20 birds at La Gola, Pollença 11-X (MRN, CTOG). 1 bird at Sencelles 12-X (MOU) and 1 bird at Menut, Escorca 14-X (VDE). A minimum of 50 birds at P.N. Llevant, Artà 24-XI (NIC).

Wildlife recovery centre. 1 bird from Selva admitted due to unknown trauma 30-X (COFIB).

Wintering: a maximum of 35 birds at Orient, Bunyola 22-XII (NIC) and 11 birds at Son Real, Santa Margalida 29-XII (ART, MUÑ).

Cabrera: Postnuptial migration: 20 birds 8-X (VIC), more than 100 birds 22-X (GEMI).

Menorca: Vergers de Sant Joan, Mahon. 1 bird 4-XI (LIG, PIR).

Illa de l'Aire: Sant Lluís. Postnuptial migration: first birds ringed 7-X (adult female) (ESC).

Ibiza: San Rafel, Sant Antoni. 2 birds 8-XII (SEP).



Hawfinch *Coccothraustes coccothraustes*, Biniali, Sencelles, 25th of December 2017.
Photo: Patrick Moussa.

Lapland Longspur *Calcarius lapponicus*

Status: accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Snow Bunting *Plectrophenax nivalis*

Status: accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Yellowhammer *Emberiza citrinella*

Status: accidental (Mallorca-Menorca-Ibiza).

Selection: all records received.

Mallorca: Clot d'Albarca, Escorca. **1** bird 12 and 17-XI.

For more information about this accepted record, see the report by the Balearic Rarities Committee.

Cirl Bunting *Emberiza cirlus*

Status: Breeding and common Resident (Mallorca) and uncommon (Ibiza).

Accidental (Menorca).

Selection: Breeding and records of special interest.

Mallorca: Monnàber Vell, Campanet. More than 40 birds feeding in a field 29-XII (RES).

Rock Bunting *Emberiza cia*

Status: accidental.

Selection: all records received.

Menorca: Algaiarens, Ciutadella. **1** bird observed in a pine wood 15-X.

For more information about this accepted record, see the report by the Balearic Rarities Committee.

Ortolan Bunting *Emberiza hortulana*

Status: Passage uncommon (Mallorca-Menorca), common (Formentera) and rare (Ibiza).

Selection: phenology.

Cabrera: Prenuptial migration: 2 birds on 4-6-V (GEMI).

Postnuptial migration: 1 bird 13 and 14-IX (VIC, JMO).

Menorca: Prenuptial migration: Sant Climent, Mahon 1 bird 2-V (LIG, PIR).

Illa de l'Aire: Sant Lluís. Prenuptial migration: 6 birds ringed between 16-IV and 1-V (ILL, ESC, CAT). Postnuptial migration: 1 juvenile male ringed 6-X (ESC).

Cretzschmar's Bunting *Emberiza caesia*

Status: accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Little Bunting *Emberiza pusilla*

Status: Passage rare

Selection: all records received.

Cabrera: Postnuptial migration: **1** bird 21-X.

Menorca: Vergers de Sant Joan, Mahon. **1** bird 19-I.

Species requiring certification by the Rarity Committee.

Yellow-breasted Bunting *Emberiza aureola*

Status: accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Common Reed Bunting *Emberiza schoeniclus*

Status: Breeding and Resident uncommon (Mallorca). Winters common (Mallorca) and uncommon (Menorca-Ibiza). Passage common (Mallorca), uncommon (Menorca) and rare (Ibiza-Formentera).

Selection: Breeding, phenology and subspecies.

Mallorca: Prat de Sant Jordi, Palma. 4 birds 1-III (BRC). Postnuptial: first record, 2 birds 10-XI (BAZ).

Salobrar de Campos. 5 birds 26-XII (MAC).

Menorca: Vergers de Sant Joan, Mahon. 1 bird 4-XI (LIG, PIR).

Menorca airport, Mahón. 1 bird 9-XI (LIG, PIR).

Mongofre salt flats, Mercadal. 1 bird 19-XI (LIG, PIR).

Black-headed Bunting *Emberiza melanocephala*

Status: accidental.

Selection: all records received.

No sightings reported. Species requiring certification by the Rarity Committee.

Corn Bunting *Emberiza Calandra*

Status: Breeding and Resident abundant (Mallorca-Menorca-Formentera) and common (Ibiza). Passage uncommon (Formentera).

Selection: Breeding and records of special interest.

Mallorca: Salobrar de Campos. A maximum of **220** birds at the roost 20-IX (JMO).

Cabrera: Prenuptial migration: More than 2 birds on 4-7-V (GEMI).

Menorca: Mongofre salt flats, Mercadal. A group of 100 birds 13-VIII (LIG, PIR).

SUPPLEMENTAL LIST

Species of unknown origin. Category D and E taxa do not form part of the list of Balearic birds.

CATEGORY D

Eurasian Magpie *Pica pica*

Selection: all records received.

Mallorca: Cala d'Or, Santanyí. **1** bird from 19 to 27-IX.

For more information about this accepted record, see the report by the Balearic Rarities Committee.

Italian Sparrow *passer italiae*

Selection: all records received.

Mallorca: Cap de Ses Salines, Santanyí. **1** bird 5-XI.

Species requiring certification by the Spanish Rarity Committee. This species ranges over the Italian peninsula, Corsica, Sicily and Crete. Not included in this list. If accepted, it will be the first record for the Committee in Spain.

CATEGORY E

Muscovy Duck *Cairina moschata*

Neotropical.

Mallorca: La Gola, Pollença. 1 bird at the Síller torrent 1-II, 2 birds 3-IV and 1 bird 3-XI (FIO, PNN, GAS, CTOG).

Albufera. 1 bird at Camí des Polls 14-IV (LOP, MAC, HIN).

Son Nuviat irrigation reservoir, Petra. 1 bird 12-V (VIA).

Salobrar de Campos. 1 bird 26-XI (LOP, BAZ, PAM, MAC).

Formentera: Estany Pudent. Es Brolls area, 1 bird 3-IX (KLA).

Mandarin duck *Aix galericulata*

Oriental Palearctic.

Mallorca: Prat de Sant Jordi, Palma. 1 bird 1 and 20-X (BAZ, PAM; VDE).

White-checked Pintail *Anas bahamensis*

Neotropical.

Mallorca: Albufera. 2 birds 17 and 22-IV (MAC, HIN; MUN).

Prat d'Alcúdia. 1 bird 13-V (LOP).

Mallard *Anas platyrhynchos*

Holarctic.

Mallorca: Cala Murada, Manacor. 15 semi-domesticated birds 9-V (VIA).

Sacred Ibis *Threskiornis aethiopicus*

Afrotropical.

Mallorca: Albufera. 2 birds in flight alt damunt parc 30-IV (RES).

Due to its potential to colonize and become a threat to indigenous species, habitats and ecosystems, this species has been included in the Spanish Catalogue of Invasive Exotic Species, approved by Royal Decree 630/2013.

Golden Eagle *Aquila chrysaetos*

Palaearctic.

Mallorca: Albufera. Present 1 female on 7-III (BAZ), 7-IV (MOU), 22-IV (ALO) and 11-XI (MAC, LOP).

Castell del Rei, Pollençà. 1 bird 26-III (TAP).

Female living in the wild escaped from a falconer in 2004.

Harris's Hawk *Parabuteo unicinctus*

Neotropical and nearctic.

Mallorca: Wildlife recovery centre. 2 birds admitted during 2017. Escaped from falconry (COFIB).

American Kestrel *Falco sparverius*

Neotropical and nearctic.

Mallorca: Wildlife recovery centre. 1 bird admitted during 2017. Escaped from falconry (COFIB).

This is the first time this species of Kestrel has been seen flying free. Including this one, **83** exotic species have been or can be seen in the Balearics.

Indian Peafowl *Pavo cristatus*

Palaearctic asiatic.

Mallorca: Albufera. 1 bird near the water treatment plant 13-V (LOP).

Eagle Owl *Bubo bubo*

Palaearctic.

Mallorca: Wildlife recovery centre. 1 bird admitted during 2017. Escaped from falconry (COFIB).

Blue-crowned Parakeet *Psitacula acuticaudata*

Neotropical.

Mallorca: Santa Ponça beach, Calvià. 1 bird at the pine wood 30-VI (LOP, PAM, VDE).

Zanzibar Red Bishop *Euplectes nigroventris*

Afrotropical.

Mallorca: Cap Gros, Sóller. Singing male 2-IX (RAMM).

This is the first time this species of weaver originating from the coast of Kenya, Tanzania and Mozambique, has been seen flying free Including this one, **84** exotic species have been or can be seen in the Balearics.

Due to its potential to colonize and become a threat to indigenous species, habitats and ecosystems, this species has been included in the Spanish Catalogue of Invasive Exotic Species, approved by Royal Decree 630/2013

Zebra Finch *Taeniopygia guttata*

Australasia

Menorca: Sant Climent, Mahon. 1 bird 1-IV (LIG, PIR).

Atlantic Canary *Serinus canaria*

Palearctic: Macaronesia.

Mallorca: Wildlife recovery centre. **7** birds admitted during 2017, escaped from captivity (COFIB).*Cabrera*: 1 bird 20-X-2016 (GEMI).

COLLABORATOR CODE LIST

The Balearic Bird Report is only possible thanks to the invaluable collaboration of all its participants. This list includes the codes used to identify: 1) the 126 observers and 2) the five information institutions that have supplied records for the 2017 Balearic Bird Report. The three letter code used in the database is based on the first three letters of the observer's surname. In the case of repeats other letters are used. For institutions the code is made up of four letters, using the first letters of the most relevant word.

Observers

ALO	Guillem Alomar	FIL	Jordi Fiol
AMG	Jordi Amengual	FLO	Joan Florit
AMB	Maria José Ambrosio	FLR	Joel Florit
ARL	Luis Arbalejo	FOR	Alexandre Forteza
ART	Catalina Artigues	FRT	Aina Frontera
AVA	Sebastià Avellà	GRC	David García
BRC	Nacho Barcia	GRI	Óscar García-Febrero
BAR	Richard Barnes	GDE	Jaume García-Delgado
BAN	Alberto Bazán	GAR	Pere J. Garcías
BAZ	Juan José Bazán	GAS	Xavier Gassó
BEN	Gabriel Bernat	GEE	John Geeson
BTT	Stewart Betts	GLL	Marcel Gil
BON	Jaume Bonnín	GON	Joan Miquel González
BOA	Gabriela Borràs	GUR	Andreu Guardiola
BSC	Tomàs Bosch	GUT	Mabel Gutiérrez
CAM	Santiago Campos	HIN	Daniel Hinckley
CMP	Josep Camprubi	HOF	Helga & Peter Hoffmann
CAR	Josep Esteve Cardona	IGU	Manolo Igual
CAA	Gemma Carrasco	ILL	Marc Illa
CAE	David Carreras	KLA	Barbara Klahr
CRR	Juan José Carreras	LIG	Galatea Lligoña
CST	Nacho Castelao	LOP	Carles López-Jurado
CSR	Krister Castren	LLU	Sebastià Lluch
CAT	Santiago Catchot	LLZ	Ester Llúzar
COL	Damià Coll	MAC	Josep Manchado
CCC	Pep Toni Coll	MMR	Vicent Marí
EGU	Xabier Egurrola	MRN	J. Martín
ELK	Norman Elkins	MTN	Maria Martín
ESC	Raül Escandell	MAT	José Luis Martínez
ETB	Miguel R. Esteban	MTZ	Manuel Martínez
FAV	Wouter Faveyts	MAR	Oliver Martínez
FEB	Miquel Febrer	MMM	Andrés Mas
FRO	Adolfo Ferrero	MAS	Francesc Xavier Mas
FIO	Cristina Fiol	MMA	Rafel Mas

MTU	Joan Mateu	ROG	Llorenç Roig
MCM	Miguel McMinn	ROU	Miguel Rouco
MEL	Marc Melià	SAG	Juan Sagardia
MEN	Xavier Méndez	SAL	Joan Salom
MER	Tina Mercadal	SLV	Barbara Salvà
MEY	Ulf Meyer	SCH	Martin & Mara Schultz
MII	Pere Mir	SEB	Catalina Sebastià
MFF	Graham Moffat	SEP	Jordi Serapio
MLL	Victor Moll	SLV	Gabriel Silva
MON	Michael Montier	SOL	Antoni Soler
MOL	Xavier Morell	SOE	Malena Soler
JMO	Jason Moss	SUR	Maria Guadalupe Suárez
MOU	Patrick Moussa	SUA	Manuel Suárez
MUN	Jordi Muntaner	SUN	Josep Sunyer
MUÑ	Antoni Muñoz	TLT	Bep Taltavull
NEG	Nieves Negre	TAP	José Manuel Tapia
NIC	Steve Nicoll	TJD	Ivo Tejada
PDG	Ollie Padget	TOM	Pere Tomas
PAM	Mika Palmer	TOE	Sebastià Torrens
PAR	Luis Parpal	TRS	Néstor Torres
PER	Oriol Perona	TRR	Xavier Torres
PIR	Roman Piris	TYS	Marina P. Tysoe
PON	Antoni Pons	TRI	Rafel Triay
POS	Samuel Pons	VDE	Pedro Van der Knoop
RAD	Max Radford	VEN	Lalo Ventoso
RAO	Nuño Ramos	VRA	María José Vera
RES	Maties Rebassa	VIA	Carlota Viada
RIC	Ester Ricci	VIC	Pere Vicens
RIR	Xesca Riera	WIL	Nadine Wilkinson

Institutions and others

Code Name

CTOG Ornithological Tourism Centre la Gola:

Cristina Fiol, and Marina P. Tysoe.

COFIB Consorci per la Recuperació de Fauna Silvestre de Mallorca

GORA Grup d'Observadors de Rapinyaires d'Albercutx:

Albercutx watch tower and Cap de ses Salines: Lalo Ventoso, Maties Rebassa, Susana Quintanilla, Adolfo Ferrero, Juanjo Bazán, Pep Manchado, Biel Bernat, Carlos López-Jurado, Daniel Hinckley, Javi Quintana, Michael Montier, Joan Miquel González, Nacho Barcia, Gemma Carrasco, David Garcia, Marc Melia, Martin & Mara Schultz, Xavier Gassó, Pedro Van der Knoop and Jason Moss.

Cabrera: Josep Manchado, Carlos López-Jurado, Mika Palmer, Juanjo Bazán, Xesca Riera, Pedro Van der Knoop, Mabel Gutierrez and Adolfo Ferrero.

GEMI Migration Study Group:

Cabrera National Park (4-7-V-2017): Miguel Rouco, Nacho Castelao, Juan Sagardía, Maties Rebassa, Josep Manchado, Adolfo Villaverde and José Portillo.

Cabrera National Park (19-22-X-2017): Miguel Rouco, Nacho Castelao, Juan Sagardía, Maties Rebassa, Josep Manchado, Miguel Rodríguez, Marc Illa and Dani López Velasco.

GOBA Artà Observers:

Cati Artigues, Julen Adrian, Guillem Caldentey, Aina Comas, Toni Muñoz, Àlvaro Roman, Àlex Oliver and Oriol Oliver.

- PNAG **Albufera des Grau Natural Park:**
Ricard Borràs and Oriol Perona.
- PNAM **Albufera de Mallorca Natural Natural Park:**
Maties Rebassa.
- RAMM **Red d'observació d'Aus and Mamífers Marins:**
Portocolom: Pere Vicens, Mabel Gutiérrez, Maria José Vera, Manuel García, Amay at Caperochipiisa Miquel, Malena Serra, Jordi Fiol, Magda Solanas, Alicia Miota, Samantha Godoy, Catalina Sebastià, Juan Miguel González, Neus Matamalas, Jason Moss and Xim.
Cap Gros and Banyalbufar: Mika Palmer, Xesca Riera, Pedro Van der Knoop, Andreu Guardiola, Jaume García-Delgado, Daniel Hinckley, Adolfo Ferrero, Juanjo Bazán and Carlos López-Jurado.
Cap de Cala Figuera: Miguel McMinn, Biel Sevilla, Toni Fontanet and Malcolm Greenhalgh.
Canal de Valencia, buque Visemar One (Baleària), Palma-Valencia: Ricard Gutiérrez, Aida Panés, Anabel Fluxà, Clàude Ribar, Miguel McMinn, Pere Vicens, Mabel Gutiérrez and Luís Resines (25-V-2017).
- SAMM **Sortides mar en dins per l'observació d'Aus and Mamífers Marins:**
MA GEC: Mabel Gutiérrez, Mika Palmer, Jaume García-Delgado, María José Vera, Amay at Caperochipi, Carlos López-Jurado, Argi Ezkurra, Arnau Corbero, Jone Garrastazu, Edu Perez and Leuka.
- RNSA **Albufereta Natural Reserve:**
Maties Rebassa.
- SEO **Sociedad Española de Ornitología** (SEO/BirdLife)

SIGHTINGS OF CETACEANS IN BALEARIC WATERS IN 2017

MARÍA JOSÉ VERA VILLALONGA *

SUMMARY. - *Sightings of cetaceans in Balearic waters in 2017*. Sightings of cetaceans in Balearic waters are presented. Of the 9 cetaceans that can be observed, data of 6 species is presented: Bottle-nosed Dolphin *Tursiops truncatus*, Striped Dolphin *Stenella coeruleoalba*, Risso's Dolphin *Grampus griseus*, Long-finned Pilot Whale *Globicephala melas*, Sperm Whale *Physeter macrocephalus* and Cuvier's Beaked Whale *Ziphius cavirostris*.

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Listed below are records of cetaceans observed in Balearic waters in 2017. Most of the encounters were accidental, obtained during the "Red de observación de Aves y Mamíferos marinos" (RAMM) monitoring that GOB partakes, that is, from the coast or individual observers. Also included are the stranding numbers from the Palma Aquarium Marine Wildlife Recovery centre (CRFM).

Without the pretension of a scientific study, as the collection of data has not been protocolled or is continuous, the aim is to show the presence of these marine mammals in our waters. Also, with the aim of encouraging the preservation of these animals, systematic data collection will be implemented. RAMM is a marine bird and animal observation network that has the objective of coordinating conservation and knowledge studies of marine birds and mammals around the Spanish and Portuguese coast.

In the maritime waters submitted to Spanish jurisdiction, twenty-seven cetacean species live, of which more than half are threatened. Presently, the observation of cetaceans in their natural habitat constitutes a touristic, economic, scientific and recreational activity of exceptional importance. Due to this a basic regulation that deals with adequate and respectful conduct with these animals is needed: Royal Decree 1727 of the 21st of December 2007 establishes protection measure for cetaceans. (<https://www.boe.es/boe/dias/2008/01/12/pdfs/A02292-02296.pdf>). See annex I.

The collection of data for the BBR have followed this regulation, which has the objective of establishing cetacean protection measures to contribute to the guarantee of survival and their state of favourable preservation.

RECORD PRESENTATION

In the Balearics 9 species of cetaceans can be seen:

<u>Common name</u>	<u>Scientific name</u>
- Bottle-nosed Dolphin	<i>Tursiops truncatus</i>
- Short-beaked Common Dolphin	<i>Delphinus delphis</i>
- Striped Dolphin	<i>Stenella coeruleoalba</i>
- Risso's Dolphin	<i>Grampus griseus</i>
- Long-finned Pilot Whale	<i>Globicephala melas</i>
- Sperm Whale	<i>Physeter macrocephalus</i>
- Cuvier's Beaked Whale	<i>Ziphius cavirostris</i>
- Killer Whale	<i>Orcinus orca</i>
- Fin Whale	<i>Baleanoptera physalus</i>

— The record for each species is presented with the following items:

Common name followed by scientific name.

Known status in the Balearics.

The sightings are ordered by island; locality; number of cetaceans; age and sex, adults and juveniles, if known; also, if photographs, videos or recordings are available; date/s; observer/s, generally no more than four.

— The following concepts are used for the status in the Balearics:

Resident: present all year round.

Sedentary: present all year round in the same area.

Occasional: can appear from time to time.

For species that the population can be quantified, additionally the following parameters are shown:

Abundant: 1 animal/3 km²

Common: 1 animal/5 km²

Uncommon: 1 animal/8 km²

Rare: 1 animal/ 100 km²

SISTEMATIC LIST OF 2017 SIGHTINGS

Bottle-nosed Dolphin *Tursiops truncatus*

Status: Resident, Sedentary common. Present all around the Mediterranean coastline. Large presence on the Balearic continental shelf.

Mallorca: 38 records:

Portocolom, Felanitx. A pod of 13 individuals on 4-III (M^a José Vera), 6 individuals feeding with Cory's Shearwater *Calonectris diomedea* on 8-IV (RAMM), 19 individuals on 8-IV (M^a José Vera, Mabel Gutiérrez and Amaia Caperochipi). Monthly maximums (RAMM).

Cala Serena, Felanitx. 2 individuals jumping in front of the bow of the largest sailing ship in the world on 4-IX, photo available (Mirella Zeeders).

Cap Gros, Sóller. Maximum numbers on 4-III, 6-IV, 3-VI, 4-XI (RAMM).

Cap de Cala Figuera, Calvià. No observations of the species (RAMM).

Palma bay: Cap Enderrocat, a maximum of 4 individuals on 22-II (Carlos López-Jurado); 1 individual in front of Palma cathedral on 21-III (Xesca Riera); 7 individuals 5 nautical miles south of Cala Figuera on 24-IX (Maties Rebassa); 12-13 individuals at Illetes on 10-XI (Gianmarco García).

Santa Ponça bay, Calvià. 1 individual on 19-II and 2 individuals on 22-X (Miguel McMinn).

Alcúdia bay, a pod of 3-4 individuals at the entrance of Alcúdia port on 8-XII (Núria González).

Cala Mesquida, Capdepera. Maximum number of 5 individuals on 12-III near the coast (Pedro Van der Knoop).

Cap de ses Salines, Santanyí. 3 individuals near the coast on 2-IV (Carol Stapper); a pod of 8 individuals close to a fishing boat on 27-VII, photo available (Maties Rebassa and Juanjo Bazán); 2 individuals on 8-X (Mika Palmer).

Cabrera: Zones: Sa Foradada, south of Conills islet, port entrance, between Els Estells and the south. Of note a pod of 7 individuals feeding during more than 30 minutes on 19-VIII. Maximum numbers on VIII, X and XII (Pere Vicenç).



Bottle-nosed Dolphin *Tursiops truncatus*. Portocolom, Ibiza-Mallorca channel, 4th of April 2017. Photo: Juanjo Bazán.



Bottle-nosed Dolphin *Tursiops truncatus*. Cap de Ses Salines, 27th of July 2017. Photo: Maties Rebassa.

Menorca: 8 individuals leaving Mahón port on 28-II (Max Dols).

Ibiza: 7 individuals in the Mallorca-Ibiza channel, 10 nautical miles north on 4-IV, photo available (Juanjo Bazán).

2017	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
Portocolom	-	15	13	19	-	-	-	3	1	5	5	-
Cala Serena	-	-	1	-	-	-	1	-	2	-	3	-
Cap Gros	-	-	20	5	-	3	-	-	-	-	13	-
Palma bay	-	4	1	-	-	-	-	-	7	-	12-13	-
Santa Ponça bay	-	1	-	-	-	-	-	-	-	2	-	-
Alcúdia bay	-	-	-	-	-	-	-	-	-	-	-	3-4
Cala Mesquida	-	-	5	-	-	-	-	-	-	-	-	-
Cap de ses Salines	-	-	-	3	-	-	8	-	-	2	-	-
Cabrera	-	-	-	-	-	-	-	10	-	7	-	19
Port de Maó	-	8	-	-	-	-	-	-	-	-	-	-
Ibiza- Mallorca channel	-	-	-	7	-	-	-	-	-	-	-	-

Striped Dolphin *Stenella coeruleoaba*

Status: Sedentary abundant. The most abundant cetacean in the Mediterranean, in the eastern basin as well as in the western. Very abundant in the northern area of the Balearics.

Mallorca: Valencia-Mallorca channel. Groups of 8, 2, 1, 3, 15, and 4 individuals seen from the Balearia ferry during the route to Valencia, from 13:50 to 17:17 hours on 25-V (RAMM).

Palma bay, 3 individuals on 5-XI (Miguel McMinn).

Ibiza: More than 10 individuals on 6-X (M.J. Vera).

2017	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
Palma bay	-	-	-	-	-	-	-	-	-	-	3	-
Ibiza	-	-	-	-	-	-	-	-	-	>10	-	-

Risso's Dolphin *Grampus griseus*

Status: Sedentary uncommon.

Mallorca: Cap de ses Salines, Santanyí. 1 individual on 27-VII, photo available (Maties Rebassa and Juanjo Bazán).



Risso's Dolphin *Grampus griseus*. Cap de Ses Salines, 27th of July 2017.
Photo: Maties Rebassa.

Long-finned Pilot Whale *Globicephala melas**Status: Sedentary rare*

Mallorca: Valencia-Mallorca channel. A maximum of 6 individuals seen from the Balearia ferry during the route to Valencia, with a depth of between – 738 and – 654 m, from 17:10 to 17:20 hours on 25-V (RAMM).

Sperm Whale *Physeter macrocephalus**Status: Sedentary common.*

Mallorca: Portocolom, Felanitx. 1 individual 13 nautical miles from the coast, 1 individual on 17-IX (Mabel Gutiérrez).

Cabrera: 2 individuals, 1 mile SE from the coast on 11-X (M.J. Vera); and 2 individuals 3 nautical miles on 11-XI (Pere Vicenç).

Ibiza: 3 individuals in the Mallorca-Ibiza channel on 4-IV, photos available (Juanjo Bazán).

1 individual seen from the ship's bridge on 6-X (Visamar One).

2017	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
Portocolom	-	-	-	-	-	-	-	-	1	-	-	-
Cabrera	-	-	-	-	-	-	-	-	-	2	2	-
Ibiza	-	-	-	3	-	-	-	-	-	1	-	-



Sperm Whale *Physeter macrocephalus*. Ibiza-Mallorca channel, 4th of April 2017.
Photo: Juanjo Bazán.



Sperm Whale *Physeter macrocephalus*. Ibiza-Mallorca channel, 4th of April 2017.
Photo: Juanjo Bazán.

Cuvier's Beaked Whale *Ziphius cavirostris*

Status: Sedentary common.

Mallorca: Valencia-Mallorca channel. A pod of 2 individuals, male and female, seen from the Balearia ferry during the route to Valencia, with a depth of – 1.406 m, at 15:22 hours on 25-V (RAMM).

Killer Whale *Orcinus orca*

Status: Occasional. The sightings of this species are spread out throughout the Mediterranean basin.

No records received in 2017.

Fin Whale *Baleanoptera physalus*

Status: Sedentary common

No records received in 2017.

COLABORATORS LIST

RAMM "Red de observación de Aves y Mamíferos marinos":

Portocolom: Pere Vicens, Mabel Gutiérrez, Maria José Vera, Manuel García, Amaya Caperochipi, Elisa Miquel, Malena Serra, Jordi Fiol, Magda Solanas, Alicia Miota, Samantha Godoy, Catalina Sebastià, Juan Miguel González, Neus Matamalas, Jason Moss, and Xim (3:00 hours, on 7-I, 4-II, 4-III, 1-IV, 6-V, 3-VI, 1-VII, 5-VIII, 2-IX, 7-X, 4-XI and 2-XII-2017).

Cala Figuera lighthouse: Miguel McMinn, Biel Sevilla, Toni Fontanet, i Malcolm Greenhalgh. (3:00 hours, on 7-I, 4-II, 4-III, 1-IV, 6-V, 3-VI, 1-VII, 5-VIII, 2-IX, 7-X, 4-XI, 2-XII-2017).

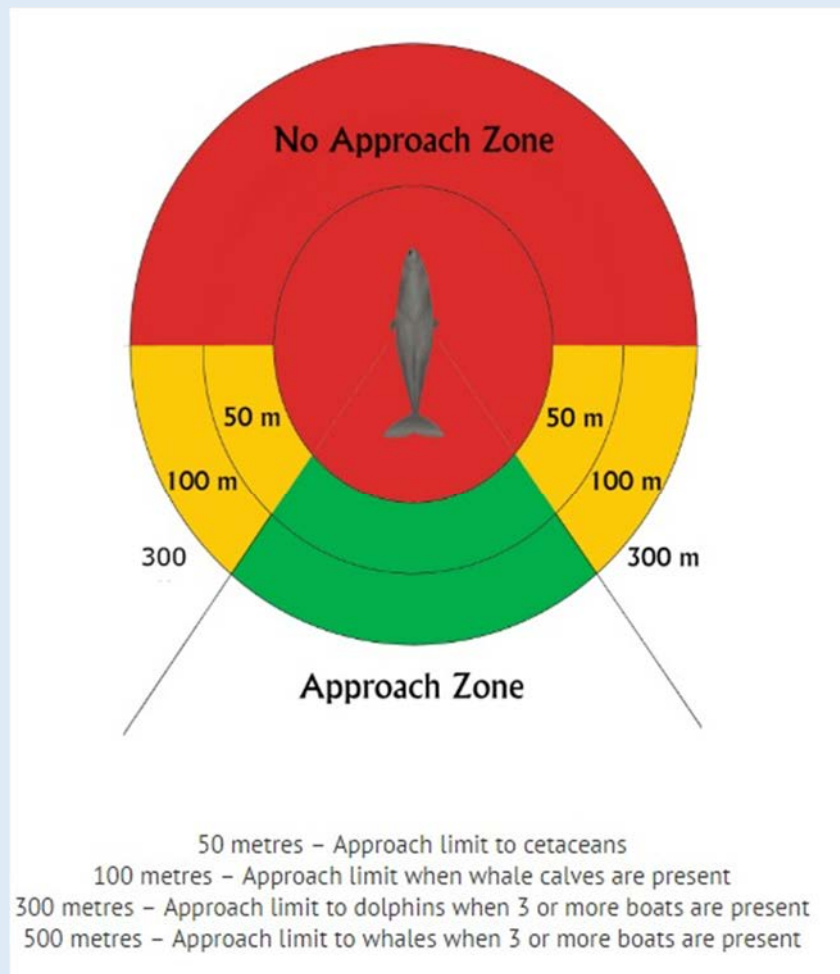
Cap Gros and Banyalbufar: Mica Palmer, Xesca Riera, Pedro Van der Knoop, Andreu Guardiola, Jaume García-Delgado, and Daniel Hinckley, Adolfo Ferrero, Juanjo Bazán,

and Carlos López-Jurado (3:00 hours, on 7-I, 4-II, 4-III, 1-IV, 6-VI, 1-VII, 5-VIII, 2-IX, 7-X, 4-XI and 2-XII-2017).

Valencia channel, Visemar One ferry (Balearia), Palma-Valencia: Ricard Gutiérrez, Aida Panés, Anabel Fluxà, Clàude Ribar, Miguel McMinn, Pere Vicens, Mabel Gutiérrez and Luís Resines (5.00 hours on 25-V-2017).

ANNEX I

Fig 1. Correct approach limits to cetaceans according to Royal Decree 1727 of 21 of December 2007.



ANNEX II: STATUS OF BALEARIC BIRDLIFE

The systematic list of the birds of the Balearics and their status. During the successive editions of the *AOB* the status of each species has been defined based on the accumulated information in our files. These statuses are open to future correction by means of additional and more detailed information as it becomes available.

The list follows the systematic order of the *Association of European Records and Rarities Committees and the Taxonomic Assessors Committee* (AERC-TAC) and adapted by the AERC-TAC.

The statuses presented by species refer to the four islands of Mallorca, Menorca, Ibiza and Formentera. It can be considered that the avifauna of the Balearics is made up of three categories A, B and C, resulting in a total of 368 species. The comments and references of each species that appear in this list refer to information collected since 1950.

The authors of the latest status revisions are: Mallorca, updated in 2008: Juan Miguel Gonzalez, Carles López-Jurado, Jordi Muntaner, Maties Rebassa, Josep Sunyer and Pere Vicens. Menorca, updated in 2008: Félix de Pablo, Damià Coll, Óscar García and Antoni Pons. Ibiza, updated in 2007: José Esteban Cardona, Alberto García, David García, Oliver Martínez and Joan Carles Palerm. Formentera, updated in 1995: Santiago Costa and Sijpko Wijk.

It is suggested that the following formula is used to quote this annex: AUTOR/S. 2017, Annex I: Status of the Balearic birdlife. *Balearic Bird Report*. 2016. Based on *AOB* Vol. 31. GOB. Palma.

KEY

Categories: The codes used for the observations of species in the wild in a given territory were originally developed by the BOURC and adapted by the AERC-TAC. These are (to the left of the scientific name):

Category A. - Species recorded in apparent natural state at least once since the 1st of January of 1950 (Balearics: 380 species).

Category B. - Species recorded in apparent natural state at least once between 1801 and the 31st of December of 1950 (Balearics: 5 species).

Category C. - Species with sufficient breeding populations (minimum 100 ind.) of anthropic origin in the area of reference or neighboring countries (species of escapee origin and naturalized, introduced or reintroduced) (Balearics: 13 species).

C1 *Naturalized introductions.* Species that are present as a result of an introduction (Balearics: 6 species).

C2 *Partial naturalizations.* Species with established populations as a result of introductions by man (Balearics: 2 species).

C3 *Reintroductions.* Species with successful reintroduced populations by man in areas where they were previously found (Balearics: 3 species).

C4 *Free roaming.* Domestic species (artificially bred) with population established in the wild (Balearics: 1 specie).

C5 *Erratic naturalized species*. Those with naturalized populations established in other countries within the same region (Balearics: 1 species).

Category D. – Species that could be included in categories A or B but under suspicion that all known records are those of birds of unnatural origin or not naturalized (there are reasonable doubts about their natural origin).

These are listed in an annex for information purposes awaiting definite categorization (Balearics: 8 species).

Category E. - Introduced species or reintroduced by man intentionally or accidentally in the islands that have not established self-sustainable breeding populations. These are not taken into account in the Balearic list of species. Category E is omitted from this list but is available on the GOB web page (Balearic: 84 species).

E1 Species that have been known to breed regularly and suspected that could become established (Balearics: 0 species).

E2 Species that have been known to breed occasionally in the wild (Balearics: 4 species).

E3 Species observed only occasionally without any known breeding attempt (Balearics: 80 species).

Status. The following symbols are used (to the right of the scientific name):

A: Random; rare species far away from their normal range, migration route or wintering area (western Palearctic species)

B: Breeds; reproductive population

N: Non-breeding population present in spring and summer.

P: Passage; present only during the pre-breeding and/or post-breeding migration.

R: Resident; present all year round.

V: Vagrant; species that appear that have exceeded the boundaries of their normal geographical range (Non-western Palearctic species)

W: Wintering; present only during the winter.

Species that have had their populations quantified are so indicated by the following keys (after the status key):

r: Rare 1-10

u: Uncommon 11-100

c: Common 101-1001

a: Abundant > 1.000

For breeders the figures refer to number of pairs, for the other cases they refer to individuals.

The last column is reserved for miscellaneous observations. Key **F** indicates that information is missing. When dealing with polytypical species (with more than one described subspecies) the subspecies are indicated if those present in the Balearics are not the nominal types and are widely accepted. Also indicated are those species that are considered game.

		Status				
Cat.	Species	Mallorca	Menorca	Ibiza	Formentera	Observations
CATEGORIES A, B & C						
ANATIDAE						
A	<i>Cygnus olor</i>	A	A	A	-	
A	<i>Cygnus columbianus bewickii</i>	A	-	-	-	
A	<i>Cygnus cygnus</i>	A	A	-	-	
A	<i>Anser fabalis fabalis</i>	A	A	-	-	
A	<i>Anser fabalis rossicus</i>	A	-	-	-	
A	<i>Anser albifrons albifrons</i>	A	-	-	-	
C5,D	<i>Anser erythropus</i>	A	A	-	-	
A	<i>Anser anser anser</i>	Wu	Wu	Wr	Wr	
A	<i>Branta leucopsis</i>	A	A	A	-	
A	<i>Tadorna ferruginea</i>	Wr, Pr	Pr	Pr	Pr	
A	<i>Tadorna tadorna</i>	Bu, Wc	Br, Wu, Pu	Br, Wc, Pu	Br, Wr, Pu	Breeder since 2007 in Menorca
A	<i>Anas penelope</i>	Wc, Pc	Wc, Pc	Wu, Pu	Wr, Pu	
A	<i>Anas strepera strepera</i>	BRC, Wu, Pu	BRu, Wu, Pu	Wu, Pr	Wr, Pr	Breeder since 2009 in Menorca
A	<i>Anas crecca crecca</i>	Wa, Pc	Wc, Pc	Wu, Pu	Wu, Pu	
A	<i>Anas platyrhynchos platyrhynchos</i>	BRC, Wa	BRC, Wa, Pa	BBr, Wu, Pu	BBr, Wr, Pu	Breeder since 1998 in Ibiza and Formentera in 2005
A	<i>Anas acuta acuta</i>	Wu	Wu	Wu, Pu	Wr, Pu	
A	<i>Anas querquedula</i>	Wr, Pc	Pu	Pu	Pu	Breeder in 2007 and 2008 in Mallorca
A	<i>Anas discors</i>	V	V	-	-	
A	<i>Anas clypeata</i>	Br, Wa, Pc	Wc, Pc	Wu, Pu	Wr, Pu	
A	<i>Marmaronetta angustirostris</i>	Br, Pr	Pr	Pr	-	
AC2	<i>Netta rufina</i>	BRu	BRu	Wr, Pr	Wr	Reintrod. 1991 in Mallorca. Breeder in 2009 & 2011 in Menorca
A	<i>Aythya ferina</i>	Bu, Wc	Wc, Pc	Wu, Pu	Wr, Pu	Random breeder 2008, 2013, 2014 in Menorca
A	<i>Aythya collaris</i>	A	-	-	-	
A	<i>Aythya nyroca</i>	Pr, Wr	Br, Ru, Pr	Pr	Pr	
A	<i>Aythya fuligula</i>	Wc	Wu	Wr	-	
A	<i>Aythya marila</i>	A	A	-	-	
A	<i>Somateria mollissima mollissima</i>	A	A	-	-	
A	<i>Clangula hyemalis</i>	A	-	-	-	
A	<i>Melanitta nigra nigra</i>	Wr	Wr	Wr	-	
A	<i>Melanitta fusca fusca</i>	A	-	-	-	
A	<i>Bucephala clangula clangula</i>	A	A	-	-	
B	<i>Purgellus albellus</i>	A	-	-	-	
A	<i>Mergus serrator</i>	Wu	Wu	Wr	Wr	
B	<i>Mergus merganser merganser</i>	A	-	-	-	
C1	<i>Oxyura leucocephala</i>	Extinct	-	A	-	Introd. in Mallorca in 1993, 95 and 04. Breeder 1996, 98, 99
PHASIANIDAE						
A	<i>Coturnix coturnix coturnix</i>	Bc, Pc	BRC, Pc	BRC, Pc	Bu, Pu	Game bird
C1	<i>Alectoris rufa</i>	BRa	BRC	BRa	BRC	Game bird
C1	<i>Phasianus colchicus</i>	BRu	B-R	BRu	A	Game bird
GAVIIDAE						
A	<i>Gavia stellata</i>	A	A	-	-	
A	<i>Gavia arctica arctica</i>	A	-	-	-	
B	<i>Gavia immer</i>	-	A	-	-	
PODICIPEDIDAE						
A	<i>Tachybaptus ruficollis ruficollis</i>	BRC, Wu	BRC, Wc, Pc	BBr, Wu, Pu	Pr	F
A	<i>Podiceps cristatus cristatus</i>	BBr, Wr, Pr	BRu, Wu	Pr	-	Breeder since 2010 in Menorca
A	<i>Podiceps grisegena grisegena</i>	A	-	-	-	
A	<i>Podiceps auritus</i>	A	A	-	-	
A	<i>Podiceps nigricollis nigricollis</i>	Wu, Pu	Wc, Pc	Wu, Pu	Ne, Wa	
PROCELLARIIDAE						
A	<i>Calonectris diomedea diomedea</i>	Bc, Wu	Bc, Wu	Ra	BRa	Ba, Wu
A	<i>Puffinus gravis</i>	A	A	-	-	-
A	<i>Puffinus yelkouan</i>	Wr	BRu	Wr	Wr	Wr
A	<i>Puffinus mauretanicus</i>	Bc	-	Ra	Ra	Ra
HYDROBATIDAE						
A	<i>Hydrobates pelagicus</i>	BRC	Bu	BRa	Bu, Ra	F
A	<i>Oceanodroma leucorhoa leucorhoa</i>	A	A	-	-	
A	<i>Oceanodroma monorhis</i>	V	-	-	-	
SULIDAE						
A	<i>Morus bassanus</i>	Wu, Pu	Wu, Pu	Wu, Pr	Wu, Pu	
PHALACROCORACIDAE						
A	<i>Phalacrocorax carbo sinensis</i>	Pu, Wc	Pa, Wa	Wu, Pr	Wu	
A	<i>Phalacrocorax carbo carbo</i>	Wr	Wr	Wr	Wr	
A	<i>Phalacrocorax aristotelis desmarestii</i>	BRC BRa	BRC	BRC	-	
ARDEIDAE						
A	<i>Botaurus stellaris stellaris</i>	BBr, Pr	Pu	Pr	Pr	
A	<i>Ixobrychus minutus minutus</i>	Bu, Wr, Pu	Pu	Pr	Pr	Random breeder 2011 and 2012 in Menorca
A	<i>Nycticorax nycticorax nycticorax</i>	BRu, Pc, Wu	N, M	Pu	Pu	

Cat.	Species	Status				Observations
		Mallorca	Menorca	Ibiza	Formentera	
CATEGORIES A, B & C						
A	<i>Ardeola ralloides</i>	Br, Pu	Pu	Pu	Pr	
A	<i>Bubulcus ibis ibis</i>	BRC, Wc, Pc	BRu, Wc, Pc	Wu, Pu	Wu, Pu	
A	<i>Egretta gularis gularis</i> A	-	-	-	-	
A	<i>Egretta garzetta garzetta</i>	Bu, Wc, Pc	EN, Wc, Pc	Wu, Pc	Nr, Wu, Pc	
A	<i>Egretta alba alba</i>	N, Wr, Pu	Wu	Pr	Pr	
A	<i>Ardea cinerea cinerea</i> Nr, Wc, Pc	Wc, Pc	Wc, Pc	Wr, Pc	Random breeder 1990 and 91 in Mallorca	
A	<i>Ardea purpurea purpurea</i>	Bc, Pc	Br, Pu	Pu	Pu	
CICONIIDAE						
A	<i>Ciconia nigra</i>	Pr	Pr	Pr	Pr	
A	<i>Ciconia ciconia ciconia</i> Wr, Pr	Wu, Pu	Wr, Pr	Wr, Pu		
THRESKIORNITHIDAE						
A	<i>Plegadis falcinellus falcinellus</i>	Wr, Pr	Wr, Pr	Pr	Pr	Random breeder 2016 in Mallorca
A	<i>Platalea leucorodia leucorodia</i>	Wr, Pr	Wr, Pr	Pr	-	
A	<i>Platalea alba</i>	V	-	-	-	
PHOENICOPTERIDAE						
A	<i>Phoenicopterus roseus</i>	Wu, Pc	Wu, Pu	N, Wc, Pc	Wu, Pu	
ACCIPITRIDAE						
A	<i>Pernis apivorus</i>	Pc	Pc	Pc	Pc	
A	<i>Milvus migrans migrans</i>	Wr, Pu	Nr, Wr, Pr	Pu	Pr	
A	<i>Milvus milvus milvus</i> BRu, Wr, Pr	BRu	Pr	Pr		
A	<i>Haliaeetus albicilla</i>	A	-	-	-	
A	<i>Neophron percnopterus percnopterus</i> BBr, Pr	BRu	BRu	A	-	
A	<i>Gyps fulvus fulvus</i>	BRu	A	A	A	Breeder since 2012 in Mallorca
A	<i>Aegypius monachus</i> BRu	A	A	-		
A	<i>Circus gallicus</i>	Pr	Wr, Pr	Pr	Pr	
A	<i>Circus aeruginosus aeruginosus</i>	BRu, Wu, Pc	Wu, Pc	Wr, Pc	Wr, Pc	
A	<i>Circus aeruginosus harterti</i>	Wr	-	-	-	
A	<i>Circus cyaneus cyaneus</i> Wr, Pu	Wu, Pu	Wr, Pu	Wr, Pu		
A	<i>Circus macrourus</i>	Pr	Pr	Pr	Pr	
A	<i>Circus pygargus</i>	Pu	Pu	Pu	Pu	Random breeder 1967, 2001, 03, 04 in Mallorca, and 1977 in Ibiza
A	<i>Accipiter gentilis gentilis</i>	-	A	-	-	
A	<i>Accipiter nisus nisus</i>	Wu, Pu	Nr, Wu, Pu	Wu, Pu	Wu, Pr	
A	<i>Buteo buteo buteo</i>	Br, Wr, Pu	Wu, Pu	Wr, Pu	Wr, Pu	
A	<i>Aquila pomarina</i>	A	A	-	-	
A	<i>Aquila pennata</i>	BRC, Pc	BRC	Wu, Pu	Pu	
AC4	<i>Aquila chrysaetos homeyeri</i>	Extint	-	-	-	Extinct as a breeder in the 50's in Mallorca
AC3	<i>Aquila fasciata fasciata</i> Br, Ru	A	A	-	-	Extinct as a breeder in Mallorca, last in 1964. Breeder in Mallorca in 2014 and 2015 due to reintroduction.
PANDIONIDAE						
A	<i>Pandion haliaetus haliaetus</i>	BBr, Wr, Pu	BBr, Pr	Wr, Pu	Pu	Extinct as a breeder in Ibiza and Formentera
FALCONIDAE						
A	<i>Falco naumanni</i>	Pr	Pr	Pr	Pr	F. Extinct as a breeder in Menorca
A	<i>Falco tinnunculus tinunculus</i>	BBa, Wu, Pc	BRC, Wc, Pc	BRC, Wu	BRC	Last breeding in 1993 in Cabrera
A	<i>Falco vespertinus</i>	Pu	Pu	Pu	Pr	
A	<i>Falco columbarius aesalon</i>	Wr, Pr	Wr, Pr	Wr, Pr	Wr, Pr	
A	<i>Falco subbuteo subbuteo</i>	Pu	Pu	Pr	Pr	Random breeder 1988, 89, 90 in Mallorca, and 2003 in Menorca
A	<i>Falco eleonorae</i>	Bc	Pu	Bc	Pu	
A	<i>Falco biarmicus</i>	A	A	-	-	
A	<i>Falco cherrug</i>	-	A	-	-	
A	<i>Falco peregrinus peregrinus</i>	Wr	-	Wr	-	
A	<i>Falco peregrinus calidus</i>	Wr	-	-	-	
A	<i>Falco peregrinus brookei</i>	BRC	BRu	BRu	BRu	
RALLIDAE						
A	<i>Rallus aquaticus aquaticus</i>	BRC	BRu	BRu, Pr	Wr, Pr	
A	<i>Porzana porzana</i>	Wr, Pu	Wu, Pu	Wu, Pu	Pu	F
A	<i>Porzana parva</i>	Pr	Wr, Pr	Pr	Pr	F
A	<i>Porzana pusilla intermedia</i>	A	A	A	-	F
A	<i>Crex crex</i> A	A	A	A		
A	<i>Gallinula chloropus chloropus</i>	BBa, Wu, Pu	BRC, Pc	BRu, Wu	BBr, Pu	
A	<i>Porphyrio alleni</i>	V	-	V	-	
AC3	<i>Porphyrio porphyrio porphyrio</i>	BRC	BRu	A	A	Introduced in Mallorca in 1991. Breeds since 2000 in Menorca
A	<i>Fulica atra atra</i>	BBa, Wa, Pu	BRC, Wa, Pa	Wu, Pu	Wr, Pu	
C3	<i>Fulica cristata</i>	BBr	A	-	-	Introduced in 2004 in Mallorca
TURNICIDAE						
A	<i>Turnix sylvaticus sylvaticus</i>	-	-	-	A	
GRUIDAE						
A	<i>Grus grus grus</i>	Wu, Pu	Wu, Pu	Wu, Pr	Pu	

Cat. Species	Status					Observations
	Mallorca	Menorca	Ibiza	Formentera		
CATEGORIES A, B & C						
OTIVIDAE						
A <i>Tetrax tetrax</i>	A	A	-	-		
BURHINIDAE						
A <i>Burhinus oedicnemus oedicnemus</i>	BBa, Wu, Pu	BRC	BRa	BRC, Wu, Pu		
RECURVIROSTRIDAE						
A <i>Himantopus h. himantopus</i>	BBa, Pc	Bu, Pc	Bc, Pc	Bu		
A <i>Recurvirostra avosetta</i>	Bu, Wr, Pu	Wu, Pu	Wr, Pu	Br, Pu		
HAEMATOPODIDAE						
A <i>Haematopus ostralegus ostralegus</i>	Pu	Pr	Pr	Pr		
CHARADRIIDAE						
A <i>Charadrius dubius curonicus</i>	BRu, Wu, Pc	Bu, Pc	Br, Wr, Pu	Pu		Random breeder 2015 in Ibiza
A <i>Charadrius hiaticula hiaticula</i>	Wr, Pc	Wr, Pc	Wu, Pu	Wr, Pr		Random breeder 1989 in Mallorca
A <i>Charadrius a. alexandrinus</i>	BRC, Wc, Pa	BRu, Wu, Pu	BRC, Wc, Pc	BRu		
A <i>Charadrius morinellus</i>	Wr, Pr	Pr	Pr	Pr		
A <i>Pluvialis dominica</i>	V	-	-	-		
A <i>Pluvialis apricaria</i>	Wc, Pc	Wc, Pc	Wc, Pu	Wc		
A <i>Pluvialis squatarola</i>	Wu, Pu	Wu, Pu	Wu, Pu	Wr, Pu		
A <i>Vanellus gregarius</i>	V	-	-	-		
A <i>Vanellus vanellus</i>	Wa, Pc	Wc	Wc, Pu	Wu, Pu		
SCOLOPACIDAE						
A <i>Calidris canutus canutus</i>	Pr	Pr	Wr, Pr	Pr		
A <i>Calidris pugnax</i>	Wu, Pc	Pc	Wr, Pu	Pu		
A <i>Calidris falcinellus</i>	A	-	-	-		
A <i>Calidris ferruginea</i>	Pc	Pc	Wu, Pu	Pu		
A <i>Calidris himantopus</i>	V	-	-	-		
A <i>Calidris temminckii</i>	Wu, Pu	Pr	Pr	Pr		
A <i>Calidris alba</i>	Wr, Pu	Pu	Wr, Pr	Pu		
A <i>Calidris alpina</i>	Wc, Pc	Wr, Pc	Wu, Pc	Wr, Pc		
A <i>Calidris maritima</i>	A	A	-	-		
A <i>Calidris bairdii</i>	V	-	-	-		
A <i>Calidris minuta</i>	Wc, Pc	Pc	Wu, Pu	Wr, Pu		
A <i>Calidris fuscicollis</i>	V	-	-	-		
A <i>Calidris subruficollis</i>	V	-	-	-		
A <i>Calidris melanotos</i>	V	-	V	-		
A <i>Lymnocyptes minimus</i>	Wr, Pu	Wu, Pu	Wu, Pu	Pu		
A <i>Gallinago gallinago gallinago</i>	Wa, Pc	Wc, Pc	Wc, Pu	Wu, Pu		
A <i>Gallinago media</i>	Pr	Pr	-	-		
A <i>Limnodromus scolopaceus</i>	V	-	-	-		
A <i>Scolopax rusticola</i>	Wc, Pc	Wa, Pa	Wc, Pc	Wc		
A <i>Limosa limosa limosa</i>	Wr, Pu	Pu	Pr	Pu		
A <i>Limosa lapponica lapponica</i>	Pu	Pr	Wr, Pu	Pu		
A <i>Numerius phaeopus phaeopus</i>	Wr, Pu	Pu	Wr, Pu	Pu		
B <i>Numerius tenuirostris</i>	A	-	-	-		
A <i>Numerius arquata arquata</i>	Wu, Pu	Wr, Pr	Wr, Pr	Pr		
A <i>Xenus cinereus</i>	A	-	-	-		
A <i>Actitis hypoleucos</i>	Wc, Pc	N, Wc, Pc	N, Wu, Pc	Wu, Pc		
A <i>Tringa ochropus</i>	Wr, Pc	Wu, Pc	Wu, Pu	Pu		
A <i>Tringa erythropus</i>	Nr, Wu, Pc	Wu, Pu	Wr, Pu	Pu		
A <i>Tringa melanoleuca</i>	V	-	-	-		
A <i>Tringa nebularia</i>	Wu, Pc	Wr, Pu	Wu, Pu	Wr, Pu		
A <i>Tringa flavipes</i>	V	-	-	-		
A <i>Tringa stagnatilis</i>	Pr	Pr	Pr	Pr		
A <i>Tringa glareola</i>	Wr, Pc	Pc	Pu	Pc		
A <i>Tringa totanus totanus</i>	Bu, Wc, Pc	Wu, Pc	Wr, Pc			
A <i>Arenaria interpres interpres</i>	Wr, Pu	Pu	Wr, Pr	Wr, Pr		
A <i>Phalaropus tricolor</i>	V	-	-	-		
A <i>Phalaropus lobatus</i>	A	-	-	-		
GLAREOLIDAE						
A <i>Cursorius cursor</i>	-	V	-	-		
A <i>Glareola pratincta pratincta</i>	Pu	Pr	Pr	Pr		
A <i>Glareola nordmanni</i>	A	-	-	-		
STERCORARIIDAE						
A <i>Stercorarius pomarinus</i>	A	-	-	-		
A <i>Stercorarius parasiticus</i>	A	A	-	-		
A <i>Stercorarius longicaudus</i>	A	-	-	-		
A <i>Stercorarius skua skua</i>	Wu, Pu	Wr, Pr	Wu, Pu			
ALCIDAE						
A <i>Uria aalge albionis</i>	A	A	A	-		
A <i>Alca torda islandica</i>	Wu	Wr	Wu	Wu		
A <i>Fratercula arctica grabae</i>	Wu	H	Wu	Wu		
STERNIDAE						
A <i>Sterna albifrons albifrons</i>	Pu	Pr	Pr	Pr		

Cat.	Species	Status				Observations
		Mallorca	Menorca	Ibiza	Formentera	
CATEGORIES A, B & C						
A	<i>Gelochelidon nilotica nilotica</i>	Pu	Pr	Pr	Pu	
A	<i>HyVroprogne caspia</i>	Pr	Pr	Pr	Pr	
A	<i>Chlidonias hybrida hybrida</i>	Pc	Pu	Pu	Pr	
A	<i>Chlidonias niger niger</i>	Pu	Pr	Pr		
A	<i>Chlidonias leucopterus</i>	Pu	Pr	Pr	Pr	
A	<i>Sterna sandvicensis sandvicensis</i>	Wu, Pu	Wu, Pu	Wc, Pu	Wu, Pu	
A	<i>Sterna bengalensis emigrata</i>	A	-	-	-	
A	<i>Sterna hirundo hirundo</i>	Pr	Pr	Pr		
A	<i>Sterna dougallii</i>	-	-	-	A	
LARIDAE						
A	<i>Hydrocoloeus minutus</i>	Wr, Pr	Wr, Pr	Wr, Pr	Wr	
A	<i>Rissa tridactyla tridactyla</i>	Wr	Wu	Wr	Wr	
A	<i>Larus genei</i>	Wr, Pu	Pr	Wr, Pr	Wr, Pu	
A	<i>Larus ridibundus</i>	Nr, Wa, Pa	Wc, Pu	Wc, Pc	Wc, Pa	Random breeder 1989 and 2015 in Mallorca
A	<i>Larus audouinii</i>	BRa	Bc, Wr	Bc, Wc	BRc, Wc	
A	<i>Larus melanocephalus</i>	Wu, Pu	Wr, Pr	Wu, Pu	Wr	Random breeder 1984 in Mallorca
A	<i>Larus canus canus</i>	A	A	-	A	
A	<i>Larus fuscus fuscus</i>	Wr, Pr	Wr	Wr, Pr	-	
A	<i>Larus fuscus intermedius</i>	Wu, Pu	Wr	Wr, Pr	Pr	
A	<i>Larus fuscus graellsii</i>	Wu, Pu	Wr	Wr, Pr	-	
A	<i>Larus argentatus</i>	A	-	-	-	
A	<i>Larus cachinnans</i>	A	-	-	-	
A	<i>Larus michahellis michahellis</i>	BRa	BRa	BRa	BRa	
A	<i>Larus marinus</i>	A	A	-	-	
COLUMBIDAE						
AC2	<i>Columba livia livia</i>	BRa	BRa	BRu	Wr	
A	<i>Columba oenas oenas</i>	A	-	-	-	
A	<i>Columba palumbus palumbus</i>	BBa, Wu, Pu	BRC, Wc	BRC, Wc	BRc	
A	<i>Streptopelia decaecto decaecto</i>	BRa	BRa	BRa	BBr	Colonized Mallorca in the 90's, 1997 in Menorca, Ibiza in 1999.
A	<i>Streptopelia turtur turtur</i>	Pc	Ma	Pc	-	
A	<i>Streptopelia turtur arenicola</i>	Bc, Pc	Bc, Pa	Ba, Pc	Bc	
A	<i>Streptopelia senegalensis</i>	A	-	-	-	
PSITTACIDAE						
C1	<i>Psittacula krameri</i>	Ru	-	Ru	-	Population control.
C1	<i>Myiopsitta monachus monachus</i>	BRu	Ru	Ru	-	Population control. Colonised Mallorca in 1985, Menorca random breeder since 1987, Ibiza since 1998.
CUCULIDAE						
A	<i>Clamator glandarius glandarius</i>	Pr	Pr	Pr	Pr	
A	<i>Cuculus canorus canorus</i>	Pc	Pc	Pc	Pc	
A	<i>Cuculus canorus bangsi</i>	Bc, Pc	Bu, Pc	Bu, Pc	R?, Pc	
A	<i>Coccyzus americanus</i>	V	-	-	-	
TYTONIDAE						
A	<i>Tyto alba alba</i>	BRC	BRC	BRC	BRC	
STRIGIDAE						
A	<i>Otus scops scops</i>	Wu, Pu	Wc, Pc	Wu	Wu, Pu	
A	<i>Otus scops mallorcae</i>	BRa	BRC	BRa	-	Random breeder 2001 and 02 in Formentera.
A	<i>Athene noctua vidalii</i>	Wr	Wr	Wr, Pu	A	Random breeder 1973, 75 and 83 in Mallorca and 93 in Menorca
A	<i>Asio otus</i>	BRc, Pu	Br, Pu	BRu	BRc	
A	<i>Asio flammeus flammeus</i>	Wr, Pu	Wu, Pu	Pu	Pu	Random breeder 1976 in Mallorca
CAPRIMULGIDAE						
A	<i>Caprimulgus europaeus europaeus</i>	Bc, Pc	Bc, Pc	Bu, Pc	Pu	F
A	<i>Caprimulgus ruficollis ruficollis</i>	Pr	Pr	Pr	Pr	
APODIDAE						
A	<i>Apus apus apus</i>	Ra, Ma	Ra, Ma	Ra, Ma	Ra, Ma	
A	<i>Apus pallidus brehmorum</i>	Bc, Pc	Bc, Pc	Bc, Pc	-	F
A	<i>Apus melba melba</i>	Bu, Pc	Bu, Pu	R?, Pu	-	
ALCEDINIDAE						
A	<i>Alcedo atthis atthis</i>	Wu, Pc	Wu, Pu	Wu, Pu	Wu, Pu	
PUROPIDAE						
A	<i>Merops persicus</i>	A	-	-	-	
A	<i>Merops apiaster</i>	Bu, Pa	Bc, Pc	Bu, Pc	Bu, Pc	
CORACIIDAE						
A	<i>Coracias garrulus garrulus</i>	Pr	Pu	Pr	Pr	
UPUPIDAE						
A	<i>Upupa epops epops</i>	BBa, Wu, Pu	BRC, Pc	BRC, Pc	BRu	
PICIDAE						
A	<i>Jynx torquilla torquilla</i>	BBa, Wc, Pc	Br, Wu, Pc	BRC, Wc, Pc	Wu, Pc	
A	<i>Picus viridis</i>	A	-	-	-	
A	<i>Dendrocopos major</i>	A	-	-	A	
A	<i>Dendrocopos minor</i>	A	-	-	-	
ALAUDIDAE						
A	<i>Ammomanes cinctura arenicolor</i>	A	-	-	-	

Cat.	Species	Status				Observations
		Mallorca	Menorca	Ibiza	Formentera	
CATEGORIES A, B & C						
A	<i>Melanocorypha calandra calandra</i>	A	-	-	-	
A	<i>Calandrella b. brachydactyla</i>	Bc, Pc	Bc, Pc	Bu	-	
A	<i>Calandrella rufescens apetzii</i>	A.	A	-	-	
A	<i>Galerida theklae theklae</i>	BRC	BRC	BRa	BRC	
A	<i>Lullula arborea</i>	A	-	A	-	
A	<i>Alauda arvensis</i>	Wa, Pa	Wc, Pc	Wa, Pc	Wc	
HIRUNDINIDAE						
A	<i>Riparia riparia riparia</i>	Ma	Pc	Pu		
A	<i>Ptyonoprogne rupestris</i>	BBa, Wc	Wu, Pu	BRu, Wc	Pu	
A	<i>Hirundo rustica rustica</i>	Bc, Pa	Bc, Pa	Bu, Pa		
A	<i>Cecropis daurica rufala</i>	Pu	Pr	Pr		Breeder in 2007, 11 and 14 in Mallorca and 2011 in Menorca.
A	<i>Delichon urbicum urbicum</i>	Ba, Pa	Bc, Pa	Bc, Pa	Ma	
MOTACILLIDAE						
A	<i>Anthus richardi</i>	Wr, Pr	Pr	-	-	
A	<i>Anthus campestris</i>	Bc, Pc	Bc, Pc	Bu, Pu	Bu, Pc	
A	<i>Anthus hodgsoni yunnanensis</i>	V	-	-	-	
A	<i>Anthus trivialis trivialis</i>	Pc	Pc	Pc		
A	<i>Anthus pratensis</i>	Wa, Pa	Wa, Pa	Wa, Pc	Wa, Pr	
A	<i>Anthus cervinus</i>	Pr	Pr	Pr	-	
A	<i>Anthus spinoletta spinoletta</i>	Wc, Pu	Wu, Pu	Wu, Pu	Wu	
A	<i>Anthus petrosus littoralis</i>	A	-	-	-	
A	<i>Motacilla flava cinereocapilla</i>	Pc	Pc	Pc	Pc	Random breeder 2008 in Mallorca
A	<i>Motacilla flava flava</i>	Ma	Pc	Ma	Pc	
A	<i>Motacilla flava flavissima</i>	Pu	Pu	Pu	Pu	
A	<i>Motacilla flava iberiae</i>	Bc, Pa	Pc	Bc, Pa	Br, Pc	
A	<i>Motacilla flava thunbergi</i>	Pu	Pu	Pu	Pu	
A	<i>Motacilla citreola citreola</i>	A	-	-	-	
A	<i>Motacilla cinerea cinerea</i>	Wc, Pc	Wu, Pu	Wu, Pu	Pr	
A	<i>Motacilla alba alba</i>	Wa, Pa	Wa, Pa	Wa, Pa	Wa, Pa	
A	<i>Motacilla alba yarrellii</i>	Wr, Pr	Wr, Pr	Wr, Pr	Wr, Pr	
TROGLOVYTIDAE						
A	<i>Troglodytes troglodytes kabyorum</i>	BRa	Wu, Pu	BRC	-	
PRUNELLIDAE						
A	<i>Prunella modularis</i>	Wc, Pc	Wc, Pc	Wc, Pu	Pu	
A	<i>Prunella collaris collaris</i>	Wu, Pu	Wu, Pr	-		
TURVIDAE						
A	<i>Cercotricchus galactotes galactotes</i>	Pr	Pr	Pr	Pr	
A	<i>Erethacus rubecula rubecula</i>	BBR, Wa, Pa	Wa, Pa	Wa, Pa	Wa, Pa	Breeder in 2005 and 2009 in Mallorca
A	<i>Luscinia m. megarhynchos</i>	Ba, Pa	Bc, Pc	Bu, Pa	Ma	
A	<i>Luscinia svecica cyanecula</i>	Wc, Pu	Wu, Pu	Wu, Pu	Pr	
A	<i>Phoenicurus ochuros gibraltariensis</i>	Wa, Pa	Wc, Pc	Wa, Pc	Wc, Pc	
A	<i>Phoenicurus p. phoenicurus</i>	Ma	Pc	Pc		
A	<i>Phoenicurus moussieri</i>	A	-	-	-	
A	<i>Saxicola rubetra</i>	Ma	Pc	Pc	Pu	Random breeder 1990 in Mallorca
A	<i>Saxicola rubicola</i>	BBa, Wc, Pc	BBa, Wu, Pu	BBa, Pc	Wu, Pu	
A	<i>Oenanthe isabelina</i>	A	-	-	-	
A	<i>Oenanthe Oenanthe libanotica</i>	Br, Pa	Pc	Bu, Pc	Pc	
A	<i>Oenanthe Oenanthe leucorhoa</i>	Pr	Pr	Pr	Pr	
A	<i>Oenanthe Oenanthe Oenanthe</i>	Ma	Pc	Pc	Pc	
A	<i>Oenanthe hispanica hispanica</i>	Pu	Pu	Pu	Pu	
A	<i>Oenanthe hispanica melanoleuca</i>	A	-	-	-	
A	<i>Oenanthe desertii</i>	-	-	-	A	
A	<i>Oenanthe leucura</i>	A	A	-	A	
A	<i>Monticola saxatilis</i>	Br, Pu	Pu	Pr	Pr	
A	<i>Monticola solitarius solitarius</i>	BRa	BRC	BRC	BRu	
A	<i>Zoothera dauma aurea</i>	A	-	-	-	
A	<i>Turdus torquatus torquatus</i>	Wc, Pc	Pu	Wu, Pu	Pu	
A	<i>Turdus torquatus alpestris</i>	Wc, Pc	Pu	Wu, Pu	Pu	
A	<i>Turdus merula merula</i>	BBa, Wc, Pc	BBa, Wc, Pc	BBR, Wu, Pu		
A	<i>Turdus pilaris</i>	Wu, Pu	Wu, Pu	Wu, Pu	Pr	
A	<i>Turdus philomelos clarkei</i>	Wa, Pa	Wa, Pa	Wa, Pa	Wa, Pa	
A	<i>Turdus philomelos philomelos</i>	Wa, Pa	Wa, Pa	Wa, Pa	Wa, Pa	
A	<i>Turdus iliacus iliacus</i>	Wu, Pu	Wu, Pu	Wr, Pr		
A	<i>Turdus viscivorus</i>	Wc, Pc	Wu, Pu	Wc, Pu	Pu	
SYLVIIDAE						
A	<i>Cettia cetti cetti</i>	BRa	BRa	BRu, Wc	Pr	
A	<i>Cisticola juncidis cisticola</i>	BRa	BRC	BRC	Pr	
A	<i>Locustella naevia naevia</i>	Pu	Pu	Pu	Pu	
A	<i>Locustella luscinioides luscinioides</i>	Br	Pr	Pr	-	
A	<i>Acrocephalus m. melanopogon</i>	BBa, Pu	BRu	Wr	-	
A	<i>Acrocephalus paludicola</i>	A	A	-	-	
A	<i>Acrocephalus schoenobaenus</i>	Pu	Pu	Pu	Pu	

Cat. Species	Status				Observations
	Mallorca	Menorca	Ibiza	Formentera	

CATEGORIES A, B & C

A <i>Acrocephalus s. scirpaceus</i>	Bc, Pa	Bc, Pc	Bc, Pc	Br, Pc	
A <i>Acrocephalus dumetorum</i>	A	-	-	-	
A <i>Acrocephalus palustris</i>	A	-	-	-	
A <i>Acrocephalus a. arundinaceus</i>	Wr, Bc, Pc	Bu, Pu	Pu	Pr	
A <i>Iduna opaca</i>	Pr	Pr	Pr	Pr	
A <i>Iduna caligata</i>	V	-	-	-	
A <i>Hippolais icterina</i>	Pc	Pc	Pc	Pc	
A <i>Hippolais polyglotta</i>	Pc	Pc	Pc	Pc	
A <i>Sylvia atricapilla atricapilla</i>	Wa, Pa	Wc, Pc	Wa, Pa	Wc, Pa	
A <i>Sylvia atricapilla pauluccii</i>	BRa	BRC	BBR	-	
A <i>Sylvia borin borin</i>	Ma	Ma	Ma	Ma	
A <i>Sylvia nisoria nisoria</i> Pr	Pr	-	Pr		
A <i>Sylvia curruca curruca</i> Pr	Pr	-	Pr		
A <i>Sylvia hortensis</i>	Pr	Pu	Pr	Pr	
A <i>Sylvia comunis comunis</i> Ma	Ma	Pc	Ma		
A <i>Sylvia conspicillata conspicillata</i>	Br, Pr	Bu, Pu	Pu	Pu	
A <i>Sylvia undata dartfordiensis</i>	Wc, Pu	Wu, Pu	Wc, Pu	Pu	
A <i>Sylvia undata undata</i> BRu	BRC	-	-	-	
A <i>Sylvia sarda</i>	-	Pr	-	-	
A <i>Sylvia balearica</i>	BRa	-	BRa	BRC	
A <i>Sylvia cantillans cantillans</i>	Pc	Pc	Pc	Pc	
A <i>Sylvia cantillans albistriata</i>	A	A	-	-	
A <i>Sylvia subalpina</i>	Bc, Pc	Pc	Pc	Pc	Random breeder 2004 in Menorca.
A <i>Sylvia m. melanocephala</i>	BBa, Wu, Pu	BBa, Pu	BRa	BRC	
A <i>Sylvia ruppeli</i>	A	-	-	-	
A <i>Phylloscopus trochiloides</i>	-	A	-	-	
A <i>Phylloscopus proregulus</i>	V	-	-	-	
A <i>Phylloscopus inornatus</i>	Pr	Pr	Pr	-	
A <i>Phylloscopus ruppeli</i> V	-	-	-	-	
A <i>Phylloscopus schwarzi</i>	V	-	-	-	
A <i>Phylloscopus fuscatus</i> -	V	-	-	-	
A <i>Phylloscopus bonelli</i>	Pu	Pu	Pc	Pu	
A <i>Phylloscopus sibilatrix</i>	Pc	Pu	Pu	Pc	
A <i>Phylloscopus collybita collybita</i>	Nr, Wa, Pa	Wa, Pa	Wa, Pc	Wa, Pa	Random breeder 2008 and 2009 in Mallorca.
A <i>Phylloscopus collybita abietinus</i>	A	A	-	-	
A <i>Phylloscopus collybita tristis</i>	A	-	-	-	
A <i>Phylloscopus ibericus</i> Pu	Pu	Pr	Pr	-	
A <i>Phylloscopus trochilus trochilus</i>	Pa	Pa	Pa	Pa	
A <i>Phylloscopus trochilus acredula</i>	A	A	A	A	
A <i>Regulus regulus regulus</i> Wu, Pu	Wc, Pc	Wc	Pu	-	
A <i>Regulus ignicapilla ignicapillus</i>	Wu, Pu	-	-	Pu	
A <i>Regulus ignicapilla balearicus</i>	BRa	BRC	BRa	BRu	
MUSCICAPIDAE					
A <i>Muscicapa striata balearica</i>	Ra	Bc	Ra	Bc	
A <i>Muscicapa striata striata</i>	Ma	Pc	Ma	Pc	
A <i>Ficedula parva</i>	Pr	Pr	-	-	
A <i>Ficedula semitorquata</i>	-	A	-	-	
A <i>Ficedula albicollis</i>	Pr	Pr	Pr	Pr	
A <i>Ficedula hypoleuca hypoleuca</i>	Ma	Pc	Pc	Pc	
A <i>Ficedula hypoleuca iberiae</i>	Pr	-	-	-	Breeder in Mallorca in 1993.
AEGITHALIDAE					
A <i>Aegithal caudatus taiti</i>	BRu	-	-	-	Breeder in Mallorca since 2003.
PARIDAE					
A <i>Cyanistes caeruleus balearicus</i>	BRC	-	A	-	F
A <i>Parus major mallorcae</i> BRa	BRC	BRa	-	-	
A <i>Periparus ater</i>	A	-	A	-	
TICHODROMADIDAE					
A <i>Tichodroma muraria muraria</i>	A	A	-	-	
CERTHIIDAE					
A <i>Certhia b. brachydactyla</i>	A	-	-	-	
REMIZIDAE					
A <i>Remiz pendulinus pendulinus</i>	Wr, Pr	Wu	Wr	-	
ORIOIIDAE					
A <i>Oriolus oriolus</i>	Pu	Pu	Pu	Pu	Random breeder in 1978 in Mallorca
LANIIDAE					
A <i>Lanius isabellinus</i> V	-	-	-	-	
A <i>Lanius collurio collurio</i> Pr	Pr	Pr	Pr		
A <i>Lanius minor minor</i>	A	A	-	-	
A <i>Lanius excubitor excubitor</i>	A	-	A	A	
A <i>Lanius meridionalis</i> Wr, Pr	Pr	Wr, Pr	Wr, Pr		
A <i>Lanius senator senator</i>	Ma	Pc	Ma	Ma	
A <i>Lanius senator badius</i>	Ba, Pa	Bc, Pc	Ba, Pa	Bu, Pa	
A <i>Lanius senator niloticus</i>	-	A	-	-	

Cat. Species	Status				Observations
	Mallorca	Menorca	Ibiza	Formentera	
CATEGORIES A, B & C					
A <i>Lanius nubicus</i>	A	-	-	-	
CORVIDAE					
A <i>Garrulus glandarius</i>	A	-	-	-	
A <i>Pyrrhocorax graculus graculus</i>	A	-	A	-	
A <i>Pyrrhocorax p. erythrorhamphus</i>	Wr	Wr	-	-	
A <i>Corvus monedula</i>	A	-	-	-	
A <i>Corvus frugilegus frugilegus</i>	A	A	A	-	
A <i>Corvus corone corone</i>	A	A	-	-	
A <i>Corvus cornix</i>	A	-	-	-	
A <i>Corvus corax corax</i>	BRu	BRC	BBr	BBr	
STURNIDAE					
A <i>Sturnus vulgaris vulgaris</i>	BRu, Wa, Pa	Wa, Pa	Wa, Pc	Wc, Pc	
A <i>Sturnus unicolor</i>	BRu	BRu	BBr	A	Breeder in 2012 in Ibiza
A <i>Pastor roseus</i>	A	A	-	-	
ESTRILVIDAE					
C1 <i>Estrilda astrild</i>	BBr	-	BBr	-	Colonized Mallorca in 1996
PASSERIDAE					
A <i>Passer domesticus balearoibericus</i>	BRa	BRa	BRa	BRa	
A <i>Passer h. hispaniolensis</i>	A	-	-	-	
A <i>Passer montanus montanus</i>	BRC, Pr	Pr	BRu	-	
A <i>Petronia patronia petronia</i>	BRu	A	BRC	BRa	F
A <i>Montifringilla nivalis nivalis</i>	Wr	Wr	Wr	Wr	
FRINGILLIDAE					
A <i>Fringilla coelebs coelebs</i>	BBa, Wa, Pa	BRC, Pc	Wa, Pc	Wc, Pc	
A <i>Fringilla montifringilla</i>	Wu, Pu	Wu, Pu	Wu	-	
A <i>Serinus serinus</i>	BBa, Wu, Pu	Wu, Pu	BBa, Wa, Pu	BRa	Random breeder 1996 and 98 in Cabrera
A <i>Serinus citrinella</i>	A	A	-	-	
A <i>Carduelis chloris aurantiiventris</i>	BBa, Wu, Pu	BRC, Wc, Pc	BBa, Wc	BRu	
A <i>Carduelis Carduelis parva</i>	BRa	BRa	BRa	BRC	
A <i>Carduelis carduelis carduelis</i>	Wu, Pu	Wc, Pc	Wa, Pc	-	
A <i>Carduelis spinus</i>	Wc, Pc	Wu, Pu	Wc, Pu	Wu	Random breeder 1980 in Mallorca
A <i>Carduelis cannabina cannabina</i>	Wu, Pu	Wc, Pc	-	-	
A <i>Carduelis cannabina mediterranea</i>	BRa	BRC	BRa	BRC	
A <i>Carduelis flammea flammea</i>	A	A	-	-	
A <i>Loxia curvirostra curvirostra</i>	A	A	A	A	
A <i>Loxia curvirostra balearica</i>	BRa	A	BRC,	A	
A <i>Bucanetes githagineus zedlitzii</i>	A	A	-	-	
A <i>Carpodacus erythrinus</i>	Pr	Pr	Pr	Pr	
A <i>Pyrrhula pyrrhula iberiae</i>	Wr	Wr	-	Wr	
A <i>Coccothraustes c. coccothraustes</i>	Wc, Pu	Wu, Pu	Wr, Pr	Pr	
EMBERIZIDAE					
A <i>Calcarius lapponicus lapponicus</i>	A	-	-	-	
A <i>Plectrophenax nivalis nivalis</i>	A	A	-	-	
A <i>Emberiza citrinella citrinella</i>	A	A	A	-	
A <i>Emberiza cirulus</i>	BRC	A	BRu	-	
A <i>Emberiza cia cia</i>	A	A	-	A	
A <i>Emberiza hortolana</i>	Pu	Pu	Pr	Pc	
A <i>Emberiza caesia</i>	A	-	-	-	
A <i>Emberiza pusilla</i>	Pr	Pr	-	Pr	
A <i>Emberiza aureola aureola</i>	A	-	-	-	
A <i>Emberiza schoeniclus schoeniclus</i>	Wc, Pc	Wu, Pu	Wu, Pr	Pr	
A <i>Emberiza schoeniclus whitherbyi</i>	BRu	Wu	Pr	-	
A <i>Emberiza melanocephala</i>	A	-	-	-	
A <i>Emberiza calandra calandra</i>	BRa	BRa	BRC	BRu, Pu	

ANNEX 1: CATEGORY D

Category D taxons are not included in the Balearic bird list.

Cat.	Species	Status				Observations
		Mallorca	Menorca	Ibiza	Formentera	
CATEGORY D						
ANATIDAE						
V	<i>Anser caerulescens</i>	V	-	-	-	
PELECANIDAE						
V	<i>Pelecanus onocrotalus</i>	A	-	-	-	
V	<i>Pelecanus rufescens</i>	V	-	-	-	
THRESKIORNITHIDAE						
V	<i>Platalea alba</i>	V	-	-	-	
FALCONIDAE						
V	<i>Falco rusticolus</i>	A	-	-	-	
CORVIDAE						
V	<i>Pica pica melanotos</i>	A	-	-	-	
PASRURIDAE						
V	<i>Passer italiae</i>	A	-	-	-	
FRINGILLIDAE						
V	<i>Rhodospiza obsoleta</i>	-	V	-	-	

ANNEX 2 : CATEGORY E

Category E taxons are not included in the Balearic bird list. The following species have been recorded at least once in the Balearic Islands.

ANATIDAE	
E3	<i>Dendrocygna bicolor</i>
E3	<i>Dendrocygna viudata</i>
E3	<i>Dendrocygna autumnalis</i>
E3	<i>Cygnus olor</i>
E3	<i>Cygnus atratus</i>
E3	<i>Anser anser domestic var.</i>
E3	<i>Anser indicus</i>
E3	<i>Anser caerulescens</i>
E3	<i>Anser rossii</i>
E3	<i>Branta canadensis</i>
E2	<i>Alopochen aegyptiaca</i>
E2	<i>Cairina moschata domestic var.</i>
E3	<i>Aix sponsa</i>
E3	<i>Aix galericulata</i>
E3	<i>Anas platyrhynchos domestic var.</i>
E3	<i>Anas bahamensis</i>
E3	<i>Anas erythrorhynchos</i>
E3	<i>Anas discor</i>
E3	<i>Anas cyanoptera</i>
E3	<i>Netta peposaca</i>
E3	<i>Oxyura jamaicensis</i>
PELECANIDAE	
E3	<i>Pelecanus rufescens</i>
CICONIIDAE	
E3	<i>Mycteria ibis</i>
THRESKIORNITHIDAE	
E3	<i>Threskiornis aethiopicus</i>
PHOENICOPTERIDAE	
E3	<i>Phoenicopterus minor</i>
ODONTOPHORIDAE	
E3	<i>Colinus virginianus</i>
PHASIANIDAE	
E2	<i>Alectoris chukar</i>
E3	<i>Alectoris barbara</i>
E3	<i>Francolinus francolinus</i>
E3	<i>Coturnix japonica</i>
E3	<i>Lophura nycthemera</i>
E3	<i>Gallus gallus domestic var.</i>

CATEGORY EE3 *Pavo cristatus*

ACCIPITRIDAE

E3 *Gyps bengalensis*E3 *Sarcogyps calvus*E3 *Aquila chrysaetos*E3 *Accipiter gentilis*E3 *Parabuteo unicinctus harrisi*E3 *Geranoaetus melanoleucos*

FALCONIDAE

E3 *Falco cherrug*E3 *Falco sparverius*

PSITTACIDAE

E3 *Melopsittacus undulatus domestic var.*E3 *Agapornis personatus*E3 *Psittacus erithacus*E3 *Poicephalus senegalus*E3 *Ara ararauna*E3 *Aratinga acuticaudata*E3 *Aratinga mitrata*E3 *Aratinga erythrogenys*E3 *Aratinga leucophthalmus*E3 *Aratinga nenday*E3 *Cyanoliseus patagonus*E3 *Brotogeris pyrrhopterus*E3 *Amazona aestiva*

STRIGIDAE

E3 *Glaucidium minutissimum*

CORVIDAE

E3 *Corvus monedula*E3 *Corvus albus*

STURNIDAE

E3 *Gracula religiosa*E2 *Acridotheres tristis*E3 *Lamprotornis chalybaeus*E3 *Lamprotornis purpureus*E3 *Lamprotornis chloropterus*

PLOCEIDAE

E3 *Ploceus cucullatus*E3 *Ploceus melanocephalus*E3 *Quelea quelea*E3 *Euplectes afer*E3 *Euplectes hordeaceus*E3 *Euplectes orix*E3 *Euplectes nigroventris*

ESTRILDIDAE

E3 *Amandava amandava*E3 *Taeniopygia guttata*

FRINGILLIDAE

E3 *Serinus canaria domestic var.*E3 *Serinus mozambicus*E3 *Pyrrhula erythaca*

ANNEX III: LIST OF RARITIES

TAXONOMIC LIST SUBJECTED TO ACCEPTANCE BY THE RARITY COMMITTEES OF SPAIN AND THE BALEARICS

This is the taxonomic list considered "rarities" by the Rarity Committee of the Spanish Ornithological Society" (CR-SEO/Birdlife) for the whole of Spain, "List of Spanish Rarities". Additionally, the Balearic Rarity Committee of GOB-GEN-SOM considers a series of species in the Balearics as "regional rarities". List updated in 2017.

The observations of these species will be then studied by the respective committee who will, based on the quality of the descriptions, submit verdicts about their reliability and proceed in publishing the reports in the *Ardeola* journal or the *AOB* accordingly.

Category A: Those species recorded in apparent natural state at least once since the 1st of January 1950. (A) indicates that no accepted record exists.

Category B: Those species recorded in apparent natural state at least once between 1801 and the 31st of December 1949 but not since then. (B) indicates that no accepted record exists.

Category C: Those species with self-sustaining breeding populations (a minimum of 100 birds) of anthropic origin in the area of reference or neighbouring countries (escaped and naturalised, introduced or reintroduced).

Category D: Those species of which all records can be suspected to be of birds of unnatural or non-naturalised origin, reasonable doubt exists about their natural origin.

To this purpose the following taxonomic list provisionally includes Spanish rarities and regional Balearic rarities (with asterisk*):

Cat.	Rarity list Spain and Balearics*		
		A	<i>Somateria spectabilis</i>
		A	<i>Clangula hyemalis</i> *
D	<i>Dendrocygna bicolor</i>	A	<i>Melanitta nigra</i> *
D	<i>Dendrocygna viduata</i>	A	<i>Melanitta americana</i>
A	<i>Cygnus olor</i> *	A	<i>Melanitta perspicillata</i>
A	<i>Cygnus columbianus</i>	A	<i>Melanitta fusca</i> *
A	<i>Cygnus cygnus</i>	A	<i>Melanitta deglandi</i>
A	<i>Anser fabalis</i>	A, D	<i>Bucephala albeola</i>
A	<i>Anser albifrons</i> *	A	<i>Bucephala islandica</i>
A	<i>Anser albifrons flavirostris</i>	A	<i>Bucephala clangula</i>
C5, D	<i>Anser erythropus</i>	A	<i>Mergellus albellus</i>
D	<i>Anser caerulescens</i>	A, D	<i>Mergus cucullatus</i>
A	<i>Branta leucopsis</i> *	A	<i>Mergellus merganser</i>
A	<i>Branta bernicla hrota</i>	A	<i>Gavia stellata</i> *
D	<i>Branta hutchinsii</i>	A	<i>Gavia arctica</i> *
A	<i>Branta ruficollis</i>	A	<i>Gavia pacifica</i>
D	<i>Aix sponsa</i>	B	<i>Gavia immer</i> *
A	<i>Tadorna ferruginea</i> *	A	<i>Podylimbus podiceps</i>
A	<i>Anas americana</i>	A	<i>Podiceps grisegena</i>
A, D	<i>Anas falcata</i>	A	<i>Podiceps auritus</i> *
A, D	<i>Anas formosa</i>	A	<i>Thalassarche melanophris</i>
A	<i>Anas carolinensis</i>	A	<i>Daption capense</i>
A	<i>Anas rubripes</i>	A	<i>Pterodroma madeira</i>
A	<i>Anas discors</i>	A	<i>Pterodroma feae</i>
D	<i>Anas cyanoptera</i>	A	<i>Pterodroma hasitata</i>
A	<i>Aythya collaris</i> *	A	<i>Bulweria bulwerii</i>
A	<i>Aythya marila</i> *	A	<i>Calonectris edwardsi</i>
A	<i>Aythya affinis</i>	A	<i>Puffinus gravis</i> *

A	<i>Puffinus baroli</i>	A	<i>Vanellus gregarius</i>
A	<i>Puffinus (baroli) boydi</i>	A	<i>Vanellus leucurus</i>
A	<i>Pelagodroma marina</i>	A	<i>Charadrius semipalmatus</i>
A	<i>Fregetta tropica</i>	A	<i>Charadrius vociferus</i>
A	<i>Oceanites oceanicus*</i>	A	<i>Charadrius pecuarius</i>
A	<i>Oceanodroma leucorhoa*</i>	A	<i>Charadrius mongolus</i>
A	<i>Oceanodroma monorhis</i>	A	<i>Charadrius leschenaultii</i>
A	<i>Oceanodroma castro</i>	A	<i>Bartramia longicauda</i>
A	<i>Phaeton aethereus</i>	A	<i>Numenius hudsonicus</i>
A	<i>Sula sula</i>	(B)	<i>Numenius tenuirostris</i>
A	<i>Sula dactylatra</i>	A	<i>Calidris tenuirostris</i>
A	<i>Sula leucogaster</i>	A	<i>Calidris acuminata</i>
A	<i>Phalacrocorax auritus</i>	A	<i>Calidris himantopus</i>
A	<i>Phalacrocorax pygmeus</i>	A	<i>Calidris ruficollis</i>
D	<i>Phalacrocorax africanus</i>	A	<i>Calidris maritima*</i>
A, D	<i>Pelecanus onocrotalus</i>	A	<i>Calidris bairdii</i>
A, D	<i>Pelecanus rufescens</i>	A	<i>Calidris fuscicollis</i>
A	<i>Fregata magnificens</i>	A	<i>Calidris minutilla</i>
A	<i>Botaurus lentiginosus</i>	A	<i>Calidris subruficollis*</i>
A	<i>Ixobrychus sturmii</i>	A	<i>Calidris melanotos*</i>
A	<i>Butorides virescens</i>	A	<i>Calidris mauri</i>
A	<i>Egretta tricolor</i>	A	<i>Calidris pusilla</i>
A	<i>Egretta gularis</i>	A	<i>Limicola falcinellus</i>
A	<i>Ardea herodias</i>	A	<i>Phalaropus lobatus*</i>
D	<i>Mycteria ibis</i>	A	<i>Phalaropus tricolor</i>
A, D	<i>Leptoptilos crumeniferus</i>	A	<i>Xenus cinereus</i>
A, D	<i>Geronticus eremita</i>	A	<i>Actitis macularius</i>
D	<i>Platalea alba</i>	A	<i>Tringa solitaria</i>
A	<i>Elenoides forficatus</i>	A	<i>Tringa melanoleuca</i>
A	<i>Haliaeetus albicilla</i>	A	<i>Tringa flavipes</i>
D	<i>Necrosyrtes monachus</i>	A	<i>Limnodromus griseus</i>
A	<i>Gyps africanus</i>	A	<i>Limnodromus scolopaceus</i>
A	<i>Terathopius ecaudatus</i>	A	<i>Gallinago delicata</i>
A	<i>Circus macrourus*</i>	A	<i>Gallinago media</i>
A	<i>Buteo buteo vulpinus</i>	(A)	<i>Turnix sylvaticus</i>
A	<i>Buteo rufinus</i>	A	<i>Cursorius cursor</i>
A	<i>Buteo lagopus</i>	A	<i>Glareola nordmanni</i>
A	<i>Aquila clanga</i>	A	<i>Stercorarius pomarinus*</i>
A	<i>Aquila pomarina</i>	A	<i>Stercorarius parasiticus*</i>
A	<i>Aquila nipalensis</i>	A	<i>Stercorarius longicaudus*</i>
A	<i>Aquila heliaca</i>	A	<i>Stercorarius maccormicki</i>
A	<i>Aquila chrysaetos*</i>	A	<i>Uria aalge*</i>
A, D	<i>Falco biarmicus</i>	A	<i>Cephus grylle</i>
A	<i>Falco cherrug</i>	A	<i>Alle alle</i>
A	<i>Falco rusticolus</i>	A	<i>Onychoprion fuscatus</i>
A	<i>Porzana carolina</i>	A	<i>Onychoprion anaethetus</i>
A	<i>Porzana parva*</i>	A	<i>Hydroprogne caspia*</i>
A	<i>Porzana pusilla*</i>	A	<i>Sterna elegans</i>
A	<i>Porzana marginalis</i>	A	<i>Sterna maxima</i>
A	<i>Crex egregia</i>	A	<i>Sterna bengalensis*</i>
A	<i>Crex crex</i>	A	<i>Sterna forsteri</i>
A	<i>Gallinula angulata</i>	A	<i>Rhodostethia rosea</i>
A	<i>Porphyrio alleni</i>	A	<i>Croicocephalus philadelphia</i>
A	<i>Porphyrio martinica</i>	A	<i>Croicocephalus cirrocephalus</i>
D	<i>Porphyrio porphyrio madagascarensis</i>	A	<i>Larus atricilla</i>
A	<i>Fulica americana</i>	A	<i>Larus pipixcan</i>
A	<i>Grus canadensis</i>	A	<i>Larus ichthyaetus</i>
(B), D	<i>Grus virgo</i>	A	<i>Larus dominicanus</i>
(B), D	<i>Pluvianus aegyptius</i>	A	<i>Larus canus*</i>
A	<i>Pluvialis fulva</i>	A	<i>Larus delawarensis*</i>
A	<i>Pluvialis dominica</i>	A	<i>Larus fuscus fuscus</i>

A	<i>Larus argentatus*</i>	A	<i>Iduna opaca*</i>
A	<i>Larus cachinnans*</i>	A	<i>Iduna pallida</i>
A	<i>Larus michahellis atlantis</i>	A	<i>Acrocephalus paludicola*</i>
A	<i>Larus smithsonianus</i>	A	<i>Acrocephalus agricola</i>
A	<i>Larus glaucescens</i>	A	<i>Acrocephalus dumetorum</i>
A	<i>Larus thayeri</i>	A	<i>Acrocephalus palustris</i>
A	<i>Larus glaucoides kumlieni</i>	A	<i>Sylvia sarda</i>
A	<i>Larus marinus*</i>	A	<i>Sylvia deserticola</i>
A	<i>Columba oenas*</i>	A	<i>Sylvia hortensis*</i>
A	<i>Streptopelia orientalis</i>	A	<i>Sylvia cantillans cantillans/albistriata</i>
A, D	<i>Streptopelia senegalensis</i>	A	<i>Sylvia rueppelli</i>
D	<i>Oena capensis</i>	A	<i>Sylvia nana</i>
D	<i>Zenaida macroura</i>	A	<i>Sylvia deserti</i>
A	<i>Coccyzus americanus</i>	A	<i>Sylvia nisoria</i>
B	<i>Sumia ulula</i>	A	<i>Sylvia curruca</i>
A	<i>Asio capensis</i>	A	<i>Phylloscopus trochiloides</i>
A	<i>Caprimulgus ruficollis*</i>	A	<i>Phylloscopus borealis</i>
A	<i>Caprimulgus aegyptius</i>	A	<i>Phylloscopus proregulus</i>
A	<i>Chordeiles minor</i>	A	<i>Phylloscopus inornatus*</i>
A	<i>Chaetura pelagica</i>	A	<i>Phylloscopus humei</i>
A	<i>Megasceryle alcyon</i>	A	<i>Phylloscopus schwarzi</i>
A	<i>Merops persicus</i>	A	<i>Phylloscopus fuscatus</i>
A	<i>Coracias abyssinicus</i>	A	<i>Phylloscopus collybita tristis</i>
A	<i>Ammomanes cincturus</i>	A	<i>Ficedula parva</i>
A	<i>Alaemon alaudipes</i>	A	<i>Ficedula semitorquata</i>
A	<i>Eremophila alpestris</i>	A	<i>Ficedula albicollis</i>
A	<i>Melanocorypha calandra*</i>	D	<i>Cyanistes teneriffae</i>
A	<i>Calandrella rufescens*</i>	A	<i>Parus ater*</i>
A	<i>Lullula arborea*</i>	A	<i>Tichodroma muraria*</i>
A	<i>Eremophila alpestris</i>	A	<i>Certhia brachydactyla*</i>
A	<i>Anthus richardi*</i>	A	<i>Tchagra senegalus</i>
A	<i>Anthus godlewskii</i>	A	<i>Lanius cristatus</i>
A	<i>Anthus hodgsoni</i>	A	<i>Lanius isabellinus</i>
A	<i>Anthus rubescens</i>	A	<i>Lanius collurio*</i>
A	<i>Anthus petrosus*</i>	A	<i>Lanius minor*</i>
A	<i>Motacilla flava feldegg</i>	A	<i>Lanius excubitor</i>
A	<i>Motacilla flava subpersonata</i>	A	<i>Lanius senator niloticus</i>
A	<i>Motacilla citreola*</i>	A	<i>Lanius nubicus</i>
D	<i>Pycnonotus barbatus</i>	D	<i>Pica pica*</i>
A	<i>Bombycilla garrulus</i>	A	<i>Nucifraga caryocatactes</i>
D	<i>Mimus polyglottos</i>	A	<i>Pyrrhocorax graculus*</i>
D	<i>Mimus gilvus</i>	A	<i>Corvus monedula*</i>
A	<i>Dumetella carolinensis</i>	A	<i>Corvus monedula monedula</i>
A	<i>Cercotrichas galactotes*</i>	A	<i>Corvus frugilegus*</i>
A	<i>Larvivora cyane</i>	A	<i>Corvus corone*</i>
A	<i>Luscinia svecica svecica</i>	A, D	<i>Corvus cornix</i>
A	<i>Tarsiger cyanurus</i>	D	<i>Corvus albus</i>
A	<i>Phoenicurus ochruros phoenicuroides</i>	D	<i>Corvus ruficollis</i>
A	<i>Phoenicurus moussieri</i>	A	<i>Pastor roseus</i>
A	<i>Saxicola maurus</i>	D	<i>Passer italiae</i>
A	<i>Oenanthe isabellina</i>	A	<i>Passer hispaniolensis*</i>
A	<i>Oenanthe oenanthe seebohmi</i>	A	<i>Montifringilla nivalis*</i>
A	<i>Oenanthe hispanica melanoleuca</i>	A	<i>Vireo olivaceus</i>
A	<i>Oenanthe deserti</i>	A	<i>Fringilla coelebs africana</i>
A	<i>Oenanthe leucopyga</i>	A	<i>Serinus citrinella*</i>
A	<i>Oenanthe leucura*</i>	A	<i>Carduelis flavirostris</i>
A	<i>Zoothera dauma</i>	A	<i>Carduelis flammea</i>
A	<i>Turdus naumanni</i>	D	<i>Rhodospiza obsoleta</i>
A	<i>Turdus migratorius</i>	A	<i>Bucanetes githagineus*</i>
A	<i>Locustella fluviatilis</i>	A	<i>Carpodacus erythrinus</i>
A	<i>Iduna caligata</i>	A	<i>Mniotilta varia</i>

A *Reineta coronada*
A *Parkesia noveboracensis*
A *Geothlypis trichas*
A *Melospiza melodia*
A *Calcarius lapponicus*
A *Plectrophenax nivalis**
D *Emberiza cioides*
A *Emberiza leucocephalos*
A *Emberiza citrinella**

A *Emberiza cia**
A, D *Emberiza sahari*
A *Emberiza caesia*
A *Emberiza rustica*
A *Emberiza pusilla*
A *Emberiza aureola*
A, D *Emberiza bruniceps*
A *Emberiza melanocephala*
A *Dolichonyx oryzivorus*

INSTRUCTIONS FOR PUBLICATION

The BALEARIC BIRD REPORT publishes articles about research on all aspects of ornithology, short notes and bird records. The deadline for submission of originals is the 30th April; publication of papers submitted after this date cannot be guaranteed.

ARTICLES

- It is advisable to use MS Word or other commonly used text editor in order to shorten publication procedures.
- The length of the paper should not exceed 15 pages, including text, summaries, reference list, tables and figures.
- Papers will be accepted in Catalan, Spanish or English.
- In the title and the first time that a species is mentioned in the text, both the common name and the Latin name (in this order) should be mentioned.
- A short summary (with a maximum of 30 lines) should be submitted.
- key words: no more than six key words should be used. They must be informative of the main contents of the paper. The following order is recommended: common name, scientific name, general subject, and geographical area.
- The reference list attached to the end of the paper should follow the same format as in this volume, and it should only contain publications cited in the text.
- Tables and figures must be cited in the text, and the author should give an indication of desired location for their insertion in the text.
- Photographs should be in colour), mentioning the name of the photographer or their source.

SHORT NOTES

- The length should not exceed three pages.
- A short summary (with a maximum of 15 lines) should be submitted.
- key words: no more than six key words should be used.

BIRD RECORDS

- We accept data of sightings that are related to the Balearic Islands, although we also publish records from past years if there are of any special interest. The records should include:
 - Scientific name of the species, it is preferable that the list of species are in a systematic order according to the example used in this year's Bird Report.
 - Location (municipal area) of the sighting.
 - Date or season.
 - Number of birds observed, and if possible sex and age.
 - Circumstances of the sighting.
 - Name and if possible address and telephone.
 - A brief commentary would be appreciated concerning: rarity in the zone, breeding dates, wintering and migration passages, large concentration of birds.
 - In the case of a rarity (see Annex II) one should follow the above points and add a description of the bird. This record will be submitted to the Rarities Committee.

SIGHTING FILE

To facilitate the compilation and processing of sightings, there is a standard file where all the data can be taken down in an orderly way, preventing useful data to be forgotten, you can find this file on the web page www.gobmallorca.com. It is not necessary to use this file, but it can be used as a guide.