



## Ornithological research in Albania: an annotated bibliography

Giuseppe Bogliani, Francesco Barbieri, Claudio Prigioni

Dipartimento Biologia Animale, Università di Pavia  
Pz. Botta 9, 27100 Pavia, Italy

Knowledge of the birds of Albania is very poor, and the few available publications on this topic have been issued, sporadically, over many decades. In the thirties some ornithologists from abroad visited Albania and published their observations (Ticehurst L. & Whistler H. 1932. On the ornithology of Albania. *Ibis* 13: 40-93; Whistler H. 1936. Further observations from Albania. *Ibis* 6: 335-356; Thorpe W.H., Cotton P.T. & Holmes P.F. 1936. Notes on the birds of Lakes Ochrid, Malin and Prespa and adjacent parts of Yugoslavia, Albania and Greece. *Ibis* 6: 555-580). After World War II, foreign ornithologists were unable to visit this country and informations on the Albanian avifauna became very scarce.

During May 1985 we spent two weeks in Albania, hosted by the Faculty of Natural Sciences of the University of Tirane. Our observations in various parts of the country have already been published (Barbieri, F., Bogliani, G. & Prigioni, C. 1986. Note sugli uccelli dell'Albania. *Riv. ital. Orn.* 56: 53-66; Prigioni, C., Bogliani, G. & Barbieri, F. 1986. The Otter *Lutra lutra* in Albania. *Biol. Conserv.* 36: 375-383). Thanks to the kindness of our Albanian colleagues we gathered many scientific papers printed in Albania since 1954 dealing with vertebrate biology and distribution. All but one were published in *Buletin i Universiteti i Tiranës - Ser. Shkencave Natyrore* (Bulletin of the University of Tirane - Section Natural Sciences), sometimes abbreviated as *Buletin i Shkencave Natyrore* or *Buletin i Shkencave Te Natyres* in the reprints.

We think it is useful to publish the list of ornithological papers, as well as those regarding researches on other groups of terrestrial vertebrates, with some notes on the content of each paper. The papers are written in Albanian, but all have the title and an abstract in French.

One copy of each of the publications listed below is deposited in the Library of our Department in Pavia.

### LIST OF PAPERS

Puzanov V. 1954. Rendi Anseriformes ose Anseres ne vendin tone. *Buletin i Shkencave Natyrore* 1:67-76.

The Anseriformes order in our country. A list of 28 species so far observed wintering in Albania.

Puzanov V. 1954. Nje forme e re ballkanike hutini ne Shqiperi (*Bubo bubo* Ognjovi). *Buletin i Shkencave Natyrore* 2: 71-73.

The Albanian subspecies of the Eagle-Owl - Biometrical analysis show that Albanian individuals belong to the 'ogniovi' subspecies.

Puzanov V. & Mitrushi I. 1955. Gjuetija ne Shqiperi. Buletin i Shkencave Natyrore 3: 94-110.

Hunting in Albania- A list of mammals and birds which are subject to hunting, with some remarks on the distribution and economic importance. Maps of their distribution of *Ursus arctos*, *Canis aureus*, *Lynx lynx*, *Rupicapra rupicapra*, *Capreolus capreolus*, *Pelecanus crispus* (not hunted) and *Tetrao urogallus*.

Zeko I., Puzanov V. & Lamani F. 1960. Shpende te ralle te rastit ne vendin tone. Buletin i Shkencave Natyrore 4: 142-145.

New species of birds for Albania- First recordings of *Phoenicopiterus ruber*, *Chen caerulescens*, *Anser brachyrhynchus*, *Branta ruficollis*, *Anas angustirostris*, *Oxyura leucocephala*, *Somateria mollissima*, *Melanitta nigra*, *Clangula hyemalis*, *Nyctea scandiaca*.

Hanak V., Lamani F. & Muraj X. 1961. Te dhena nga perhapja e lakuriqeve te nates (Ordo Chiroptera) ne Shqiperi. Buletin i Shkencave Natyrore 3: 124-156.

Results of research carried out on bats in Albania- A detailed account on 8 bat species found in caves and 4 found outside. Distribution (with maps), biometrics, taxonomy. Many tables with cranial measurements of each specimen collected and a table with average external measurement of some species. English summary.

Lamani F. 1962. Thelleza e malit (*Alectoris graeca, graeca* Meisner) ne Shqiperi. Buletin i Shkencave Natyrore 2: 109-130.

The Rock Partridge in Albania- Systematic position and biometrics; distribution, breeding period, clutch-size, hatching period, moult, food; economic importance of the species.

Lamani F. & Zeko I. 1962. Inventarizimi i shpendeve te Shqiperise. Buletin i Shkencave Natyrore 3: 87-103; 4: 110-118.

Check-list of the birds of Albania- These are two of the three parts of the check-list. We do not possess the last part, which includes the orders Falconiformes and Strigiformes. In the first two parts 265 species are listed, with some annotations on their distribution and phenology.

Zeko I. 1962. Mbi skifterin kthetra-zi (*Falco tinnunculus tinnunculus* L.) te vendit tone. Buletin i Shkencave Natyrore 4: 89-100.

The Kestrel- Biometrics and distribution in Albania, phenology, food, breeding period.

Zeko I. 1963. Mbi skifterin me kthetra te lverdha (*Falco naumanni* Fljisch.). Buletin i Shkencave Natyrore 1:55-66.

The Lesser Kestrel- Biometrics, distribution in Albania, phenology, food, protection measures to be taken.

Zeko I. 1963. Mbi skifterin e drureve (*Falco subbuteo* L.). Buletin i Shkencave Natyrore 2: 88-99.

The Hobby - Biometrics, distribution, phenology, breeding period, food, suggestions for protection.

Lamani F. 1963. Fazani i gjahut ne Shqiperi. Buletin i Shkencave Natyrore 2: 100-121.

The Pheasant in Albania- Morphology and distribution of wild stock, with data on breeding period and moult collected from captive breeding birds.

Lamani F. & Puzanov V. 1963. Shtojce. Liste e shpendeve qe duhet te jene ne vendin tone por qe nuk jane konstatuar akoma (vazhdimni inventarit te shpendeve te

Shqipërisë botuar në nr. 3,4 viti 1962 dhe nr.1, viti 1963). Buletin i Shkencave Natyrore 2: 122-124.

List of new species of birds whose presence has been recently recorded (continuation of the Check-list of Albania published in numbers 3 and 4 in 1962 and 1 in 1963)- 22 additional species recorded.

Zeko I. 1964. Mbi shqiponjen e gjarpinjve (*Circaetus gallicus* Gm) në vendit tona. Buletin i Shkencave Natyrore 1: 98-106.

The Short-toed Eagle in our country- Biometrics, distribution, phenology, breeding period, food, need for protection.

Lamani F. 1965. Shkurta (*Coturnix coturnix* L) në Shqipëri. Buletin i Shkencave Natyrore 1: 27- 53.

The Quail in Albania- Distribution, biometrics of adults and eggs, migration, phenology, crop contents, breeding behaviour, hunting interest.

Zeko I. & Lamani F. 1966. Te dhena ornitologjike nga rezervati i Kunes. Buletin i Shkencave Natyrore 2: 3-14.

Lamani F. 1966. Te dhena ornitologjike nga rezervati i Kunes (Vazhdon nga Nr. 2). Buletin i Shkencave Natyrore 3: 83-104.

Lamani F. 1966. Te dhena ornitologjike nga rezervati i Kunes (Vazhdon nga Nr. 3). Buletin i Shkencave Natyrore 4: 25-38.

Ornithological data on the reserve of Kunes- The first paper describes the area ( a coastal wetland West of Lezhe) with emphasis on the vegetation and the vertebrate fauna, then it describes the heronry and some aspects of the population dynamics of four species of herons (*A. cinerea*, *E. garzetta*, *A. ralloides* and *N. nycticorax*), the cormorants (*Phalacrocorax carbo* and *P. pygmaeus*), the Glossy Ibis *Plegadis falcinellus* and the Spoonbill *Platalea leucorodia* from 1951 to 1964. The second paper deals with all the nesting birds, with some observation on the timing of nesting and on the habitat selection of some species. The last paper analyzes the wintering populations, with some notes on habitat selection and local movements of certain species; data are non quantitative. Few notes on the effect of hunting.

Dani P. 1967. Mbi lepurin në Shqipëri. Buletin i Shkencave Natyrore 3: 75-86.

On the Hare in Albania- Cranial and body measurements, taxonomic considerations, distribution, breeding cycle and fecundity, suggestion for management.

Dani P. 1969. Te dhena sistematike e biologjike mbi iriqin në Myzeqe (*Erinaceus rumanicus* Barret-Hamilton). Buletin i Shkencave Natyrore 1: 111-121.

Data on systematics and the biology of the Hedgehog in the region of Myzeqe- Cranial and body measurements (with tables), breeding biology.

Dani P. 1970. Fauna e amfibeve në Myzeqe. Buletin i Shkencave Natyrore 1: 39-43.

The amphibians of the region of Myzeqe- Eight species found, brief description of habitat and breeding period.

Lamani F. 1970. Lloje të reja lakuriqesh të vendit tonë. Buletin i Shkencave Natyrore 2: 143-150.

New species of bats in our country- Five additional species found in Albania since the work of Hanak et al.(1961).

Zeko I. 1975. Konsiderata bio-morfologjike mbi shqiponjen e detit (*Haliaeetus a. albicilla* L.). Buletin i Shkencave Natyrore 4: 53-63.

Morphological and biological consideration on the White-tailed Eagle in Albania- Biometrics of some specimens collected in Albania and preserved in the Museum of Natural History of Tirane.

Description of some nests found in coastal wetlands in the past. The species is now very rare and special protection measures are needed.

Haxhiu I. 1980. Te dhena paraprake mbi familjen Colubridae ne Shqiperi. Buletin i Shkencave Natyrore 2: 85-91.

Preliminary data on the family Colubridae in Albania- Eleven species so far recorded, three of which new for this country (*C. najadum*, *E. situla* and *T. fallax*). Data on stomach contents.

Bajrami Z. & Serezi M. 1981. Studim paraprak kariologjik i *Rattus rattus* L. ne vendit tone. Buletin i Shkencave Natyrore 2: 83-85.

A preliminary caryological study of *Rattus rattus* in our country-  $2n=42$ ; illustrations of cranium and of tooth surface.

Lamani F. & Zeko I. 1985. L'Albanie, pays propre a l'hivernage des ansériformes. *Biologia Gallo-Hellenica*. Vol. X, 1: 333-337.

Albania as a wintering place for Anseriformes- A descriptive account, without quantitative data.

**RIASSUNTO - Bibliografia delle ricerche ornitologiche in Albania.**

Sono elencate e commentate le pubblicazioni ornitologiche di albanesi, stampate dal 1954 al 1985. Una copia è disponibile per consultazione presso il Dipartimento di Biologia Animale di Pavia.

**RESUME - Bibliographie des recherches ornithologiques en Albanie.**

Les publications ornithologiques des Albanais, imprimées de 1954 à 1985, sont recensées et commentées. Une copie est disponible pour la consultation au Département de Biologie Animale de Pavia.

**Ricevuto 20 agosto 1986**