

زاغ خالدار *Nucifraga caryocatactes*

Eurasian Nutcracker (Spotted Nutcracker)

ترکی: خالی قارقا، کردی: قازووی خالخال



Morphological characteristics: 32-35 cm length and 52-58 cm wingspan. A medium-sized crow with strong long bill and short white-tipped tail, easily identified by brown plumage with large white dots. Sexes similar with little seasonal variation. Adult with chocolate-brown face, throat, upperparts, and underparts with pyriform dull white spots. Crown unspotted black-brown, lore whitish. Wings black-brown with blue-green gloss, lesser and median upper wing-coverts with white tip, and underwing sooty with rows of white dots. Rump and upper tail-coverts dark chocolate-brown, not spotted but glossed green, tail with white tip, and vent and under tail-coverts white. Legs and bill black. Juvenile like adult but paler and duller, with pale streaks on crown and less spotted plumage, and greater upper wing-coverts with distinct white tips.

Biological characteristics: Prefers boreal forests in higher latitudes than other crows. Flight recalls Eurasian Jay *Garrulus glandarius*, but with steadier flapping and less undulating. Often scans surroundings while perched on treetop. Wary and shy during breeding season, not much so in autumn and winter. Mostly solitary or in pairs in territory, but sometimes in loose flocks in winter. Omnivorous; feeds mostly on seeds, nuts, invertebrates, and sometimes small vertebrates like mice, frogs, toads, lizards, and birds up to size of thrushes, but specialized on hazelnuts and on seeds extracted from cones of coniferous trees, which are diverted into special sublingual pouch for transportation to cache. Territory contains several caches, usually located on ground in soft soil, in leaf litter, among moss, or under stone or fallen trunk, covered with leaves, sticks, and stones.

Distribution and abundance: A vagrant in Caspian forests and north-eastern Iran in winter.

Conservation status: This bird is not listed in the global or national protected species.



ویژگیهای ظاهری: طول بدن ۳۲ تا ۳۵ سانتی‌متر و گستردگی بالها ۵۲ تا ۵۸ سانتی‌متر است. کلاغی متوسط‌جثه جثه با منقار قوی و دراز و دم کوتاه با انتهای سفید است و به واسطه بدن قهوه‌ای پوشیده از خالهای درشت سفید رنگ به آسانی قابل تشخیص است. نر و ماده هم‌شکل و دارای اندک تغییرات فصلی هستند. پرنده بالغ صورت، گلو، روتنه و زیرتنه قهوه‌ای شکلاتی همراه با خالهای گلابی شکل درشت به رنگ سفید مات دارد. تارک سر نیز قهوه‌ای مایل به سیاه ولی بدون خط‌و‌خال و فاصله چشمها تا منقار مایل به سفید است. بالها قهوه‌ای مایل به سیاه با جلای سبز مایل به آبی و نوک پوشش‌های کوچک و میانی روی بالها خالهای سفید دارد. زیر بالها نیز دودی و خالهای سفید به شکل ردیف‌هایی قرار گرفته‌اند. دمگاه و پوشش‌های روی دم قهوه‌ای شکلاتی تیره و بدون خال دیده می‌شوند و نزدیک به دم، جلای سبز دارند. دم در انتها نوار سفید رنگ مشخصی دارد. پرهای کلوآک و پوشش‌های زیر دم سفید و پاها و منقار نیز سیاه هستند. پرنده نابالغ شبیه بالغها است ولی مات‌تر و کم‌رنگ‌تر است، نوارهای کم‌رنگی روی تارک سر و خالهای کمتری در سراسر بدن دارد و بر خلاف بالغها خالهای انتهایی پوشش‌های بزرگتر روی بالها قابل توجه است.

ویژگیهای زیستی: در جنگلهای سوزنی‌برگ عرض‌های شمالی بالاتر نسبت به سایر کلاغها دیده می‌شود. پروازش شبیه «جی‌جاق» ولی یکنواخت‌تر، با بال‌زدنهای پی‌درپی و بدون حرکات موجی شکل است. اغلب بر بالاترین نقطه درخت می‌نشیند و اطراف را زیر نظر می‌گیرد. خجالتی است، کمتر خود را نشان می‌دهد و اغلب به صورت منزوی یا جفت در قلمرو خود باقی می‌ماند ولی در پاییز و زمستان بی‌باک‌تر و قابل مشاهده‌تر است و گاهی در دسته‌های کوچک به دور هم جمع می‌شوند. همه‌چیزخوار است و اغلب از بذرها، دانه‌ها، بی‌مهره‌ها، گاهی از مهره‌داران کوچک نظیر موشها، قورباغه‌ها، وزغها، مامولکها و پرندگان کوچک‌جثه تا اندازه توکاهای تغذیه می‌کند. متخصص شکستن فندقها و گل‌آذین مخروط‌داران است و پس از شکستن آنها، تعدادی از دانه‌ها را در کیسه انتهای زبانش قرار داده و به مکان انبار غذا حمل می‌کند. هر قلمرو شامل چند انبار ذخیره غذا است که معمولاً روی زمین و در خاکهای نرم، زیر لاشبرگها، خزه‌ها، خزه‌های چسبیده به صخره‌ها و تنه درختان افتاده بر زمین قرار دارد و اغلب روی آنها را با برگها، تکه‌های چوب، سنگها و امثال آن می‌پوشاند.

پراکنش و فراوانی: زمستانها به صورت سرگردان در جنگلهای خزری و همچنین نواحی شمال شرقی کشور دیده می‌شود.

وضعیت حفاظت: در فهرست پرندگان حمایت شده جهانی و ملی قرار ندارد.

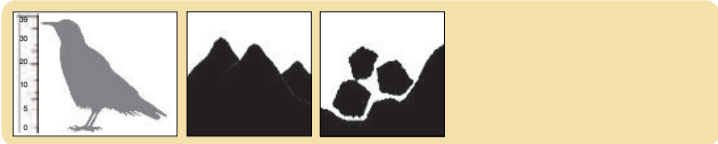


Pyrrhocorax pyrrhocorax

زاغ نوک سرخ

Red-billed Chough

ترکی: دوله، کردی: فاژوو مهره، لری: کلاچیک

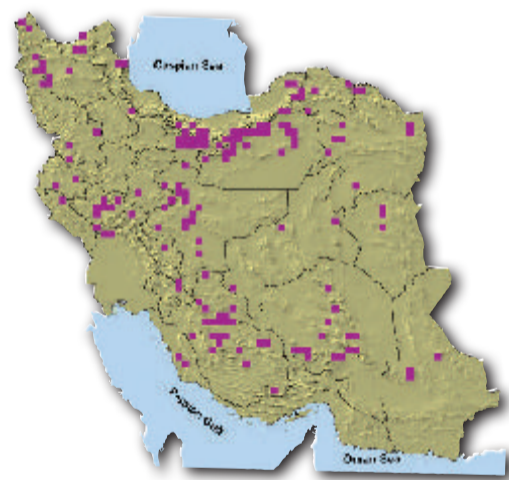


Morphological characteristics: 37-41 cm length and 73-90 cm wing-span. A medium-sized crow, uniform glossy black, very similar to Alpine Chough *P. graculus*, distinguished by decurved red bill, longer and broader wings, and shorter tail. Sexes similar with no seasonal variation. Adult all-black with blue gloss. Wings long, broad, and unlike Alpine Chough, first 5-6 (not 4) primaries large and deeply fingered. In flight, under wing-coverts noticeably darker than flight-feathers. Legs red. Juvenile duller sooty-black with shorter bill, less decurved, and brown-yellow in colour; legs orange-red.

Biological characteristics: Prefers mountains above tree-line, near wind-swept sea-coasts or in lowland steppe with ridges or steep-sided valleys nearby. Gregarious, mostly in small or large flocks. Flight action buoyant with accomplished maneuvers; flies in small or large flocks high above ground while calls echo in the mountains. Feeds on soil-living insects and other invertebrates, also on berries in winter. Breeding starts late March, either solitary or in small colonies. Monogamous. Nest a bulky cup of twigs, sticks, and roots, lined with grasses, leaves, rootlets, wool, and hair, built in crevice or fissure in cliffs, on ledge in cave, or under overhang. Usual clutch 3-4, seldom 2-7, sub-elliptical smooth and glossy eggs, dull white tinged greenish, creamy, or buff, spotted and blotched olive-brown and grey, 40.6x 28.7 mm in size. Eggs hatch after 17-23 days. Chicks downy and altricial, fly in 31-41 days, still fed by parents for another 14-21 days, independent soon after.

Distribution and abundance: A common resident in montane regions throughout Iran, from Azarbaijan east through Alborz to hills of Khorasan and from Kordestan and Kermanshah through Zagros east to mountains of Kerman and Sistan-Baluchestan; breeding mostly at 1000-3500 m in Alborz, at 2200-4200 m in Kerman and Baluchestan, but lower down on cliffs just above plain level in Khorasan.

Conservation status: This bird is not listed in the global or national protected species.



ویژگیهای ظاهری: طول بدن ۳۷ تا ۴۱ سانتی‌متر و گستردگی بالها ۷۳ تا ۹۰ سانتی‌متر است. کلاغی متوسط‌جثه و به رنگ یکدست سیاه براق است که شباهت زیادی به «زاغ نوک زرد» دارد ولی به واسطه منقار قرمز درازتر و خمیده‌تر، بالهای بلندتر و پهنتر و دم کوتاهتر از آن تفکیک می‌شود. نر و ماده همشکل و فاقد تغییرات فصلی هستند. پرنده بالغ با بدنی یکدست سیاه با جلای آبی دیده می‌شود. بالها بلند، پهن و بر خلاف «زاغ نوک زرد» پنج تا شش (نه چهار) شاهپر اولیه بزرگتر در انتها حالت انگشتی واضحی ایجاد می‌کنند. در پرواز پوشش‌های زیر بالها سیاهتر از شاهپرهای پرواز و به خوبی نمایان است. همچنین پاهای قرمز دارد. پرنده نابالغ به رنگ سیاه دودی مات دیده می‌شود، منقار نسبت به بالغها کوتاهتر، با خمیدگی کمتر و به رنگ زرد مایل به قهوه‌ای است و پاهای قرمز نارنجی دارد.

ویژگیهای زیستی: در کوهستانهای سنگی و صخره‌ای و دره‌های صخره‌ای تنگ دیده می‌شود. پرنده‌ای اجتماعی است و اغلب در دسته‌های کوچک و بزرگ دیده می‌شود. پروازی زیبا با مانورهای ماهرانه دارد و اغلب در دسته‌های کوچک و بزرگ در ارتفاعات بالا پرواز می‌کنند و در این زمان به واسطه صدای منحصر به فرد زیبایش که در کوهستان طنین انداز است، به خوبی شناسایی می‌شود. از حشرات و سایر بی‌مهره‌های خاکریزی و در زمستان تا حدی از میوه‌های سته تغذیه می‌کند. جوجه‌آوری از اواسط فروردین و به شکل منزوی و گاهی در کلنیهای کوچک در بیرون زدگیهای سنگی و صخره‌ای نواحی مرتفع کوهستانی و به ندرت در ساختمانهای قدیمی آغاز می‌شود. تک همسر است و آشیانه‌اش کاسه‌ای حجیم از ساقه‌ها، شاخه‌ها و ریشه‌های گیاهان است که آن را در شکافها و سوراخهای صخره‌ها و یا در لبه غارها و بیرون زدگیهای سنگی بنا می‌کند و درونش را با علوفه، برگه‌ها، ریشکها، پشم و مو می‌پوشاند. معمولاً سه تا چهار و به ندرت دو تا هفت تخم نیمه بیضی، صاف، صیقلی، سفید مات با ته رنگ مایل به سبز، کرم یا نخودی، با خالها و لکه‌های زیتونی قهوه‌ای و خاکستری و به ابعاد ۲۸٫۷ × ۴۰٫۶ میلی‌متر می‌گذارد. تفریح تخمها ۱۷ تا ۲۳ روز طول می‌کشد. جوجه‌ها در بدو تولد پوشیده از کرک، ناتوان و برای تغذیه وابسته به والدین هستند، در ۳۱ تا ۴۱ روزگی پرواز می‌کنند ولی همچنان در حدود ۱۴ تا ۲۱ روز پس از آن توسط والدین تغذیه می‌شوند و اندک اندک مستقل می‌شوند.

پراکنش و فراوانی: به فراوانی مقیم ارتفاعات کوهستانی سراسر کشور از کوهستانهای شمال آذربایجان، البرز تا ارتفاعات نواحی خراسان و از استانهای کردستان و کرمانشاه در امتداد زاگرس تا ارتفاعات استانهای کرمان و سیستان و بلوچستان است. در البرز اغلب در ارتفاعات ۱۰۰۰ تا ۳۵۰۰ متر، در ارتفاعات استانهای کرمان و سیستان و بلوچستان در ارتفاعات ۲۲۰۰ تا ۴۲۰۰ متر و در ارتفاعات خراسان در ارتفاعات صخره‌ای نه چندان مرتفع جوجه‌آوری می‌کند. **وضعیت حفاظت:** در فهرست پرندگان حمایت شده جهانی و ملی قرار ندارد.



Family: Corvidae

خانواده : کلاچیک

Order: Passeriformes

راسته : گنجشک‌شکالان

زاغ نوک زرد *Pyrrhocorax graculus* Alpine Chough (Yellow-billed Chough)

ترکی: ساری دیمدیک دوله، کردی: قازووی دندووک زهرد



Morphological characteristics: 36-39 cm length and 75-85 cm wingspan. A medium-sized crow, with uniform black plumage, very similar to Red-billed Chough *P. Pyrrhocorax*, distinguished by short and rather straight thrush-like yellow bill, narrower wings, and longer tail. Sexes similar with no seasonal variation. Adult with all-black plumage glossed dull purple. Wings shorter than Red-billed Chough, rounder, and with 4 (not 5-6) large primaries slightly fingered. In flight, under wing-coverts noticeably darker than flight-feathers. Legs red. Juvenile dull black, with grey-pink legs and black tip to yellow bill.

Biological characteristics: Prefers rugged rocky mountains, mostly at higher altitudes than Red-billed Chough, generally not venturing into steppe and plains like latter. Gregarious, occurring in small or large flocks, pairs, or family parties. Flight skillful, with deep wing-beats and fanning of tail allowing high maneuverability at cliffs. Descends to feed during day, flying back to higher altitudes to roost. Feeds on insects like grasshoppers and beetles in spring and summer, on berries and scraps of organic material in autumn and winter. Breeding starts mid-April, generally nesting in small colonies on cliffs. Monogamous. Nest a bulky cup of twigs, sticks, and roots, lined with grasses, leaves, rootlets, wool, and hair, built in hole or fissure in cliffs. Usual clutch 4, sometimes 3-6, sub-elliptical smooth and glossy eggs, white tinged creamy, buff, and rarely greenish, spotted and blotched dark brown, olive-brown, and purple-grey, 39x26.5 mm in size. Eggs hatch after 17-21 days. Chicks, downy and altricial, fly in 29-31 days, still fed by parents for another 30-60 days.

Distribution and abundance: A locally common resident at high elevations in mountains of northern Azarbaijan, Alborz, Kopet Dagh, Zagros and Kerman, breeding mostly at 3000 m and higher.

Conservation status: This bird is not listed in the global or national protected species.



ویژگیهای ظاهری: طول بدن ۳۶ تا ۳۹ سانتی‌متر و گستردگی بالها ۷۵ تا ۸۵ سانتی‌متر است. کلاغی متوسط‌جثه و به رنگ یکدست سیاه که شباهت زیادی به «زاغ نوک سرخ» دارد ولی به واسطه منقار زرد کوتاهتر و راست‌تر (شبهه توکاه)، بالهای کوتاهتر و باریکتر و دم بلندتر از آن تفکیک می‌شود. نر و ماده هم‌شکل و فاقد تغییرات فصلی هستند. پرنده بالغ، بدن یکدست سیاه با جلای ارغوانی مات دارد. بالها نسبت به «زاغ نوک سرخ» کوتاهتر، گردتر و بر خلاف آن فقط چهار (نه پنج تا شش) شاهپر اولیه بزرگتر در انتها حالت انگشتی نه چندان واضحی ایجاد می‌کنند. در پرواز پوشپرهای زیر بالها سیاهتر از شاهپرهای پرواز و به خوبی نمایان است. همچنین پاهای قرمز دارد. پرنده نابالغ به رنگ سیاه مات دیده می‌شود، پاهای صورتی مایل به خاکستری دارد و نوک منقار زرد رنگش نیز تیره است.

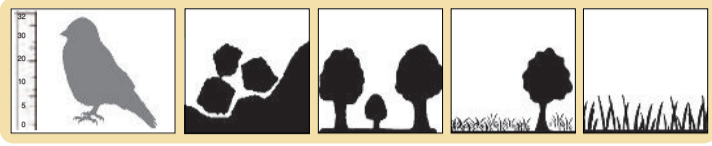
ویژگیهای زیستی: کوهستانها به ویژه ارتفاعات سنگی و صخره‌ای را ترجیح می‌دهد و نسبت به «زاغ نوک سرخ» در ارتفاعات بالاتر به سر می‌برد. پرنده‌ای اجتماعی ولی خجالتی است و اغلب در دسته‌های کوچک و بزرگ، گاهی به صورت جفت یا در گروههای خانوادگی دیده می‌شود. پروازی زیبا با بال‌زدنهای قوی و دم پهن شده دارد که امکان مانورهای ماهرانه‌ای را برایش در مناطق صخره‌ای فراهم می‌کند. در طول روز برای یافتن غذا تا ارتفاعات پایینتر پرواز می‌کند و معمولاً در اواسط روز به ارتفاعات بالاتر باز می‌گردد. در بهار و تابستان بیشتر از حشرات نظیر ملخها و سوسکها و در پاییز و زمستان اغلب از میوه‌های سته و مواد گیاهی و جانوری در دسترس تغذیه می‌کند. جوجه‌آوری از اواخر فروردین و در کلنیهای کوچک در مناطق صخره‌ای نواحی مرتفع کوهستانی آغاز می‌شود. تک همسر است و آشیانه‌اش کاسه‌ای حجیم از ساقه‌ها، شاخه‌ها و ریشه‌های گیاهان است که آن را در شکافها و سوراخهای صخره‌ها و یا در لبه غارها و بیرون‌زدگیهای سنگی بنا می‌کند و درونش را با علوفه، برگها، ریشکها، پشم و مو می‌پوشاند. معمولاً چهار و گاهی سه تا شش تخم نیمه بیضی، صاف، صیقلی، سفید با ته رنگ کرم یا نخودی و به ندرت مایل به سبز، با خالها و لکه‌های قهوه‌ای تیره، زیتونی قهوه‌ای و خاکستری مایل به ارغوانی و به ابعاد ۲۶,۵ × ۳۹ میلی‌متر می‌گذارد. تفریح تخمها ۱۷ تا ۲۱ روز طول می‌کشد. جوجه‌ها در بدو تولد پوشیده از کرک، ناتوان و برای تغذیه وابسته به والدین هستند، در ۲۹ تا ۳۱ روزگی پرواز می‌کنند ولی همچنان در حدود ۳۰ تا ۶۰ روز پس از آن توسط والدین تغذیه می‌شوند.

پراکنش و فراوانی: به صورت محلی مقیم ارتفاعات کوهستانی شمال خراسان، البرز، زاگرس و استان کرمان است و اغلب در ارتفاعات بالای ۳۰۰۰ متر جوجه‌آوری می‌کند.
وضعیت حفاظت: در فهرست پرندگان حمایت شده جهانی و ملی قرار ندارد.



Corvus monedula کلاغ گردن بور
Western Jackdaw (Eurasian Jackdaw)

ترکی: آلا بویون قارا قارقا، کردی: قهله ره شه



Morphological characteristics: 30-34 cm length and 67-74 cm wing-span. A small active crow with short bill. Plumage rather similar to House Crow *C. splendens*, but distinguished by smaller size, shorter and finer bill, shorter legs, and white eyes (not brown). Sexes similar with little seasonal variation. Adult with glossy black cap, contrasting with silvery-grey hindneck and side of head, latter bordered by white bar at lower side of neck. Upperparts and wings black, and underparts from breast to belly lead-grey. Juvenile duller black above, greyer below, and slightly brown on wings; eyes pale brown.

Biological characteristics: Inhabits open flat or hilly country covered with short vegetation nearby tree-groves, rocks, boulders, or houses which provide holes for nesting, favouring land grazed by ungulates but also found in cultivated fields, arable land, and lawns in parks; habitat often shared with Rook *C. frugilegus* but feeds by pecking rather than by probing. Highly social, living pair-wise, but pairs often join into small or large noisy flocks, especially when feeding or roosting, even in breeding season. Flight light and active, with rather jerky wing-beats. Feeds on invertebrates, fruit, seeds, carrion, scraps of organic material, and also on small vertebrates and eggs. Breeding starts late April, usually nesting colonially, sometimes singly. Monogamous and rarely polygamous (one male and two females). Nest preferably in cavities in trees, rock-faces, and buildings, but may make twig-nest in dense tree or use burrow in ground when elevated holes absent. Nest made of twigs and leaves, lined with hair, wool, and plant down. Usual clutch 4-6, sometimes 2-9, sub-elliptical smooth and glossy eggs, pale light blue with black-brown, olive-brown, and grey-blue specks and blotches, 35.7x25.5 mm in size. Eggs hatch after 17-18 days. Chicks downy and altricial. Leave nest in 28-32 days and fly in 35-36 days.

Distribution and abundance: A scarce and rather local resident in northern Iran, from Azarbaijan through the Alborz Mountains east to northern Khorasan. A fairly common winter visitor to northern Iran, some reaching south to Fars and Hormozgan.

Conservation status: This bird is not listed in the global or national protected species.



ویژگیهای ظاهری: طول بدن ۳۰ تا ۳۴ سانتی متر و گستردگی بالها ۶۷ تا ۷۴ سانتی متر است. کلاغی کوچک جثه و پر جنب و جوش با منقار کوتاه است. رنگ آمیزی بدن تا حدی شبیه به «کلاغ هندی» به نظر می رسد ولی به واسطه جثه کوچکتر، منقار کوتاهتر و ظریفتر، پاهای کوتاهتر و چشمهای سفید (نه قهوه‌ای) از آن تفکیک می شود. نر و ماده هم شکل و دارای اندک تغییرات فصلی هستند. پرنده بالغ تارک سر سیاه براق دارد که در تضاد با رنگ خاکستری نقره‌ای دو طرف سر و پس گردن و نوار سفید دو طرف گردنش به خوبی نمایان است. روتنه و بالها نیز سیاه مات و زیرتنه از سینه تا شکم خاکستری سربی است. در پرنده نابالغ روتنه سیاه مات و زیرتنه خاکستری تر است. روی بالها تا حدی قهوه‌ای دیده می شود و چشمهای قهوه‌ای مات دارد.

ویژگیهای زیستی: دشتهای باز یا تپه‌ماهورهای پوشیده شده از گیاهان مجاور درختستانها، کشتزارها، صخره‌ها، بیرون زدگیهای سنگی، پارکهای قدیمی و یا منازل مسکونی که دارای حفره مناسب برای جوجه‌آوری باشد را به عنوان زیستگاه برمی‌گزیند و معمولاً در زیستگاههای مشترک با «کلاغ سیاه» دیده می شود. پرندهای اجتماعی است و اغلب به صورت جفت دیده می شود اما در زمان تغذیه یا در اقامتگاههای شبانه به هم ملحق شده و دسته‌های کوچک و بزرگ پر سروصدایی تشکیل می دهند. پروازی سبک و فعال با بال‌زدنهای سریع دارد. از بی‌مهره‌ها، میوه‌ها، دانه‌ها، لاشه‌ها، تکه‌های مواد گیاهی و جانوری، همچنین مهره‌داران کوچک و تخم پرنده‌گان تغذیه می کند. جوجه‌آوری از اوایل اردیبهشت و با تشکیل کلنی، گاهی نیز به صورت منزوی آغاز می شود. تک همسر و به ندرت چند همسر (یک نر با دو ماده) است و آشیانه‌اش را در حفره‌های موجود در درختان، بیرون زدگیهای سنگی و صخره‌ها، ساختمانها، گاهی نیز در سوراخهای موجود در زمین بنا می کند و درونش را با مو، پشم و الیاف نرم گیاهی می پوشاند. معمولاً چهار تا شش و گاهی دو تا نه تخم نیمه بیضی، صاف، صیقلی، آبی روشن کمرنگ، با خالها، لکه‌های و خطوط قهوه‌ای مایل به سیاه، زیتونی قهوه‌ای و آبی خاکستری و به ابعاد ۲۵.۵ × ۳۵.۷ میلی متر می گذارد. تفریح تخمها ۱۷ تا ۱۸ روز طول می کشد. جوجه‌ها در بدو تولد پوشیده از کرک، ناتوان و برای تغذیه وابسته به والدین هستند، در ۲۸ تا ۳۲ روزگی آشیانه را ترک می کنند و در ۳۵ تا ۳۶ روزگی پرواز می کنند.

پراکنش و فراوانی: به صورت کمیاب مقیم نوار شمالی کشور از منطقه شمال غرب و در امتداد البرز به سمت شرق تا شمال خراسان است. همچنین به صورت معمول در نواحی جنوبی دریای خزر، شمال غرب کشور و استانهای فارس و هرمزگان زمستان‌گذرانی می کند. **وضعیت حفاظت:** در فهرست پرندهگان حمایت شده جهانی و ملی قرار ندارد.



2



ویژگیهای ظاهری: طول بدن ۳۷ تا ۴۲ سانتی متر و گستردگی بالها ۷۶ تا ۸۵ سانتی متر است. کلاغی درشت‌جثه به رنگ سیاه با منقار قوی و ضخیم و دم بلند است. نر و ماده همشکل و فاقد تغییرات فصلی هستند. در پرنده بالغ بخش جلویی تارک سر تا پشت چشمها، چانه و گلو سیاه است. پس گردن، گردن و سینه تا شکم خاکستری روشن تا تیره و مابقی بدن شامل روتنه، بالها، دم و زیرتنه از شکم تا پوشپرها زیر دم سیاه دیده می‌شود. چشمها قهوه‌ای و منقار و پاها نیز سیاه هستند. پرنده نابالغ را به سختی می‌توان از بالغها تفکیک کرد ولی در پروبال تازه روییده، بخشهای سیاه رنگ بدن جلایی درخشان نظیر بالغها ندارد و در پروبال فرسوده بیشتر قهوه‌ای به نظر می‌رسد.

ویژگیهای زیستی: کلاغی ساحلی است، در ناحیه جزرومدی به تغذیه از کرمها، پوسته صدفها و سایر مواد آلی به جا مانده از جزرومد می‌پردازد و به این دلیل بیشتر رقیب غذایی پرندگان کنارآبی محسوب می‌شود تا سایر کلاغها. با این وجود در حال حاضر به زندگی در اراضی مزروعی با درختان پراکنده، روستاها و شهرها سازگار شده و به زندگی در کنار انسان خو گرفته است. پرندهای اجتماعی است و در سراسر سال در دسته‌های کوچک تا بزرگ دیده می‌شود و با نزدیک شدن دوره جوجه‌آوری، این دسته‌ها برای یافتن جفت گسسته می‌شوند. پروازی قوی دارد و به واسطه خمیدگی بالها در ناحیه مچها، دم بلند و منقار ضخیمش از دور تا حدی شبیه به یک «غراب» به نظر می‌رسد. برای تغذیه وابستگی زیادی به زباله‌ها و پسماندها دارد. همچنین از بی‌مهره‌ها و مهره‌داران کوچک، مواد گیاهی و لاشه‌ها تغذیه می‌کند. جوجه‌آوری از اوایل اردیبهشت و به شکل کلنی در اراضی مزروعی با درختان پراکنده و یا ساختمانها آغاز می‌شود. سیستم جفتگیری تک همسر و گاهی درهم و برهم است و آشیانه‌اش توده‌ای حجیم و نامرتب از ساقه‌ها و شاخه‌ها، قطعات پلاستیک و الیاف مصنوعی است که آن را روی درختان یا ساختمانها بنا می‌کند و درونش را با پوسته درختان، علوفه و مو می‌پوشاند. معمولاً دو تا پنج تخم نیمه بیضی، بیضی کوتاه تا گلابی شکل، تا حدی صیقلی، سبز مایل به آبی روشن، با خالها، لکه‌ها و خطوط قهوه‌ای مایل به سیاه و خاکستری و به ابعاد ۲۶.۵ × ۳۸ میلی‌متر می‌گذارد. تفریح تخمها ۱۶ تا ۱۷ روز طول می‌کشد. جوجه‌ها در بدو تولد عریان، ناتوان و برای تغذیه وابسته به والدین هستند، در ۲۱ تا ۲۸ روزگی آشیانه را ترک می‌کنند ولی همچنان تا چند هفته پس از آن توسط والدین تغذیه می‌شوند. گاهی دو دسته تخم در هر دوره جوجه‌آوری می‌گذارد.

پراکنش و فراوانی: در اوایل قرن بیستم به صورت محلی در سواحل جنوب شرقی بلوچستان دیده می‌شد که احتمالاً از جمعیت سواحل پاکستان به این منطقه وارد می‌شدند. این جمعیت بعدها دیگر در این منطقه از کشور دیده نشد. در سال ۱۹۷۰ میلادی احتمالاً این پرنده توسط کشتیهای پاکستانی و هندی به جزیره خارک رسیده و در آن مستقر شدند و اندک اندک به سواحل استانهای بوشهر، هرمزگان و سیستان و بلوچستان راه یافتند.

وضعیت حفاظت: در فهرست پرندگان حمایت شده جهانی و ملی قرار ندارد.



کلاغ هندی *Corvus splendens* House Crow (Indian House Crow)

ترکی: هیندوستان قارقاسی، کردی: قازووی هیندی



Morphological characteristics: 37-42 cm length and 76-85 cm wingspan. A large black crow with proportionally large and long tail. Sexes similar with no seasonal variation. Adult with black forecrown to behind eyes, face, chin, and throat, bordered by light to dark grey nape, neck, and breast; wings, tail, and body backwards from mantle and belly black. Eye brown, bill and legs black. Juvenile hard to separate from adults, but black parts of wing, tail, and body slightly less glossy when plumage fresh and browner when worn.

Biological characteristics: Originally probably a bird of seashores, feeding on tide-line waste and on worms and shells on exposed mudflats, competing for food with wading birds rather than with other crows, but at present well adapted to living with humans, venturing far inland in farmland with scattered trees, villages, and towns. Gregarious; lives pair-wise in small to large groups throughout year, dispersing early in breeding season. Flight strong, similar to a miniature Common Raven *C. corax* with slightly angled carpal, long tail, and thick bill. Feeds on garbage, scraps, carrion, and a wide range of invertebrates, small vertebrates, and plant material. Breeding starts late April, nesting colonially. Monogamous, but promiscuity also common. Nest an untidy mass of twigs, sticks, plastic, and string, lined with tree bark, grasses, and hair, built on tree or building. Usual clutch 2-5 sub-elliptical, short oval, or pyriform, slightly glossy eggs, green to pale blue, speckled, blotched, and streaked with black-brown and grey, 38×26.5 mm in size. Eggs hatch after 16-17 days. Chicks, altricial and nidicolous, leave nest in 21-28 days, still fed by parents for a few more weeks. Sometimes two clutches laid annually.

Distribution and abundance: In early 20th century, restricted to coastal southeast Baluchestan, perhaps as a temporal local self-established population as not known from nearby coastal Pakistan and none found here later on. Birds incidentally transported by ships arriving from Pakistan or India settled on Khark Island in Persian Gulf in 1970 and gradually spread from there to mainland Bushehr, Homozgan and southern Sistan-Baluchestan.

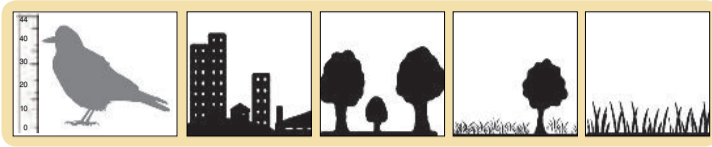
Conservation status: This bird is not listed in the global or national protected species.



کلاغ سیاه *Corvus frugilegus*

Rook

ترکی: قارا قارقا، کردی: فاژوو، لری: کلاسی



Morphological characteristics: 41-49 cm length and 81-99 cm wing-span. A large crow with uniform black plumage, recalling rare all-black Oriental Crown *C. orientalis*. Distinguished from latter by slightly smaller size, narrow-based wing, rather wedge-shaped tail, and smaller and more evenly tapering bill; body seems stouter due to long flank-feathers cloaking thighs. Sexes similar with no seasonal variation. Adult shows all-black plumage strongly glossed purple, but colour of gloss depends on angle and intensity of light and not always visible. Easily distinguished by extensive bare patch at base of bill, reaching to below eye and whitish in colour. Eye brown, legs black, and bill dark grey. Juvenile dull black, tinged brown on nape and upperparts; skin on bill-base not bare, but covered with black feathers.

Biological characteristics: Prefers open steppe and arable fields with soft soil and low vegetation cover, nearby forest edge or provided with scattered trees and groves needed for breeding and roosting; in winter, may also occur in damp open marshland, roosting in reed-beds. Gregarious outside breeding season, feeding, roosting, and migrating in small or large flocks. Flight straight, regular, and slow, with fast flipping of wings and a little gliding. Omnivorous; feeds mostly on invertebrates and cereal grains, also on small vertebrates, carrion, and scraps of organic material. Breeding starts late March, nesting in small or large colonies on top of tall trees. Monogamous. Nest a bulky cup of sticks and twigs, lined with grasses, leaves, roots, moss, wool, and hair, built in triple fork. Usual clutch 3-5, seldom 6-9, sub-elliptical smooth and glossy olive-blue to dull green eggs, variable in colour, with shades of olive-blue to dull green, spotted and streaked olive-brown, red-brown, and grey-blue, 40x28.3 mm in size. Eggs hatch after 16-20 days. Chicks, downy and altricial, leave nest in 30-36 days, still fed by parents for 42 more days.

Distribution and abundance: A common breeding bird in north-western and western highlands, south probably to Esfahan and Kermanshah, east along the southern foothills of the Alborz to Tehran area. Also, a local breeder in the south Caspian region in Gilan and western Mazandaran. Winters in large numbers in northern and western Iran, from Azarbaijan to south Caspian and Khorasan, south to Khuzestan and Fars.

Conservation status: This bird is not listed in the global or national protected species.



ویژگیهای ظاهری: طول بدن ۴۱ تا ۴۹ سانتی‌متر و گستردگی بالها ۸۱ تا ۹۹ سانتی‌متر است. کلاغی درشت‌جثه و به رنگ یکدست سیاه که شباهت زیادی به «کلاغ شرقی» دارد ولی به واسطه جثه کوچکتر، بالهای نازکتر (درقاعده)، دم کوتاهتر که در انتها تا حدی ذوزنقه‌ای شکل به نظر می‌رسد و منقار کوچکتر و نازکتر از آن تفکیک می‌شود. همچنین به واسطه پرهای افشان بالای رانها در زیرتنه، خیلتر به نظر می‌رسد. نر و ماده هم‌شکل و فاقد تغییرات فصلی هستند. پرنده بالغ بدن یکدست سیاه با جلای قوس و قزحی (رنگارنگ) دارد. پوست صورت از قاعده منقار تا زیر چشمها عریان است و به رنگ سفید مایل به خاکستری دیده می‌شود. چشمها نیز قهوه‌ای و پاها سیاه هستند. پرنده نابالغ به رنگ سیاه مات است و سایه قهوه‌ای رنگی در پس گردن و روتنه آن به چشم می‌آید. همچنین بر خلاف بالغها، صورت فاقد پوست عریان در قاعده منقار و پوشیده از پرهای سیاه است.

ویژگیهای زیستی: دشتهای و درختستانهای باز با پوشش گیاهی کوتاه، حاشیه جنگلها و همچنین اراضی مزروعی باز با درختان پراکنده را ترجیح می‌دهد و از نواحی خشک سنگی و صخره‌ای، مناطق تالابی و درختزارهای انبوه و جنگلها پرهیز می‌کند. در خارج از دوره جوجه‌آوری پرنده‌ای اجتماعی است و در زمان تغذیه، استراحت و مهاجرت در دسته‌های کوچک و بزرگ به دور هم جمع می‌شوند. پروازی مستقیم، آرام و یکنواخت با بال‌زدنهای پی‌درپی دارد و کمتر بال‌بازروی می‌کند. همه‌چیزخوار است و اغلب از بی‌مهرها و دانه‌های غلات تغذیه می‌کند. همچنین از مهره‌داران کوچک، لاشه‌ها و تکه‌های مواد گیاهی و جانوری استفاده می‌کند. جوجه‌آوری از اوایل فروردین و به شکل کلنی در درختزارها یا علفزارهای باز با تک درختان بلند آغاز می‌شود. گاهی اوقات نیز به واسطه کمبود مکانهای مناسب برای ساخت آشیانه، کلنیهای کوچکی تشکیل می‌دهند. تک همسر است و آشیانه‌اش کاسه‌ای حجیم از ساقه‌ها و شاخه‌های درختان است که آن را در محل انشعاب شاخه‌های درختان بنا می‌کند و درونش را با علوفه، برگها، ریشکها، خزه‌ها، پشم و مو می‌پوشاند. معمولاً سه تا پنج و به ندرت شش تا نه تخم نیمه بیضی، صاف، صیقلی، به رنگهای متنوع از آبی زیتونی تا سبز مات، با خاله، لکه‌ها و خطوط سبز زیتونی، قهوه‌ای زیتونی، قهوه‌ای تیره و آبی خاکستری و به ابعاد ۴۰ × ۲۸,۳ میلی‌متر می‌گذارد. تفریح تخمها ۱۶ تا ۲۰ روز طول می‌کشد. جوجه‌ها در بدو تولد پوشیده از کرک، ناتوان و برای تغذیه وابسته به والدین هستند، در ۳۰ تا ۳۶ روزگی آشیانه را ترک می‌کنند ولی همچنان تا حدود ۴۲ روز پس از آن توسط والدین تغذیه می‌شوند.

پراکنش و فراوانی: جوجه‌آور معمول نواحی مرتفع شمال غربی و غرب کشور، به سمت شرق تا استان تهران و به سمت جنوب تا استانهای اصفهان و کرمانشاه است و به صورت محلی در نواحی جنوبی دریای خزر جوجه‌آوری می‌کند. همچنین به تعداد فراوان در شمال و غرب کشور از آذربایجان تا نواحی جنوبی دریای خزر و شمال خراسان، همچنین به سمت جنوب تا استانهای خوزستان و فارس زمستان‌گذرانی می‌کند.

وضعیت حفاظت: در فهرست پرندگان حمایت شده جهانی و ملی قرار ندارد.





ویژگیهای ظاهری: طول بدن ۴۴ تا ۵۱ سانتی‌متر و گستردگی بالها ۹۳ تا ۱۰۴ سانتی‌متر است. کلاغی درشت‌جثه به رنگهای خاکستری و سیاه و آشنا برای عموم مردم است که به فراوانی در شهرها و روستاها دیده می‌شود و به خوبی با زندگی در کنار انسان سازگار شده است. تا چندی پیش به همراه «کلاغ شرقی» به عنوان زیرگونه‌ای از این گونه (*Corvus corone cornix*) در نظر گرفته می‌شد و افراد حد واسطی نیز از آنها گزارش شده است. اما به تازگی از آن جدا و به عنوان یک گونه مستقل معرفی شده است. نر و ماده هم‌شکل و فاقد تغییرات فصلی هستند. در پرنده بالغ بدن، سر، چانه، گلو، سینه، بالها و دم یکدست سیاه و مابقی بدن خاکستری روشن است. در پروبال فرسوده، بخشهای خاکستری رنگ بدن با ته رنگ صورتی کم‌رنگ تا قهوه‌ای مات دیده می‌شود. در پرنده نابالغ رنگ خاکستری با سایه قهوه‌ای به نظر می‌رسد و روتنه لکه‌لکه است. در زیرگونه *C.c. capellanus* (Mesopotamian Crow) با پاها و منقار دراز در جنوب کشور، رنگ خاکستری

بدن تقریباً به سفیدی گراییده است و سیاه و سفید به نظر می‌رسد.

ویژگیهای زیستی: دشتهای، دره‌ها و مزارع مجاور بوته‌زارهای بلند، درختستانها، جنگلها یا دیواره‌های سنگی را به عنوان زیستگاه برمی‌گزیند و به فراوانی در شهرها و روستاها، پارکها، باغها و پرچینها دیده می‌شود. اغلب به صورت جفت در قلمروهای خود دیده می‌شود ولی افراد غیر جوجه‌آور و فاقد قلمرو در دسته‌های کوچک یا بزرگ، به ویژه در مناطقی که غذا فراوان باشد، به دور هم جمع می‌شوند. پروازی مستقیم، یکنواخت و آهسته دارد. همه‌چیز خوار است و اغلب از بی‌مهرها و دانه‌های غلات تغذیه می‌کند. همچنین از مهره‌داران کوچک، تخم‌پرنده‌ها، لاشه‌ها و تکه‌های مواد گیاهی و جانوری استفاده می‌کند. جوجه‌آوری از اواسط تا اواخر اسفند و با تشکیل قلمرو در طیف وسیعی از زیستگاهها آغاز می‌شود. گاهی اوقات نیز به واسطه کمبود مکانهای مناسب برای ساخت آشیانه، کلبه‌های کوچکی تشکیل می‌دهند. تک همسر است و آشیانه‌اش کاسه‌ای حجیم از ساقه‌ها و شاخه‌های درختان است که آن را در محل انشعاب شاخه‌های درختان بنا می‌کند و درونش را با پشم، مو و گاهی پر می‌پوشاند. معمولاً چهار تا شش و به ندرت هفت تخم نیمه بیضی، صاف، تا حدی صیقلی، به رنگهای آبی مایل به سبز تا سبز زیتونی، با خالها، لکه‌ها و خطوط زیتونی تیره تا قهوه‌ای مایل به سیاه و به ابعاد ۳۰،۴ × ۴۳،۳ میلی‌متر می‌گذارد. تفریح تخمها ۱۸ تا ۲۰ روز طول می‌کشد. جوجه‌ها در بدو تولد پوشیده از کرک، ناتوان و برای تغذیه وابسته به والدین هستند، در ۲۸ تا ۳۵ روزگی آشیانه را ترک می‌کنند و کمی پس از آن مستقل می‌شوند.

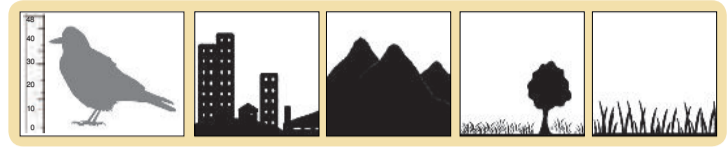
پراکنش و فراوانی: زیرگونه *C.c. sharpii* به فراوانی مقیم نواحی وسیعی از کشور به استثنای نواحی کویر مرکزی و استانهای هرمزگان و سیستان و بلوچستان است. زیرگونه *C.c. capellanus* مقیم اراضی پست استان خوزستان است.

وضعیت حفاظت: در فهرست پرندگان حمایت شده جهانی و ملی قرار ندارد.

کلاغ ابلق *Corvus cornix*

Hooded Crow

ترکی: آلا قارقا، کردی: قهله بهله‌که، لری: کلا

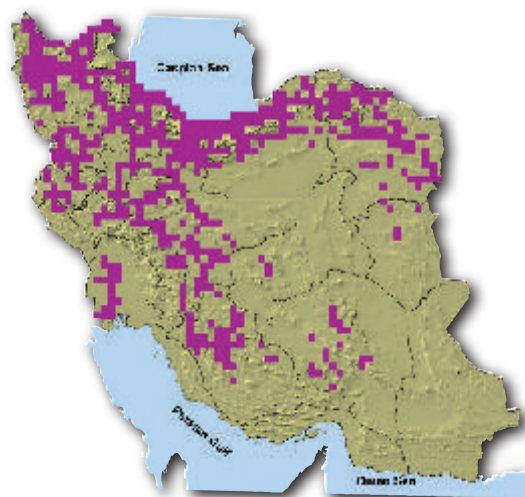


Morphological characteristics: 44-51 cm length and 93-104 cm wingspan. A familiar large grey-and-black bird, seen in large numbers in cities and villages. Considered sub-species *C. c. cornix* together with Oriental Crow *C. orientalis* until recently, with intermediates recorded in contact zones, but it is now generally considered to be a separate species. Sexes similar with no seasonal variation. Adult has uniform black head, throat, breast-patch, wings, and tail, combined with light grey nape, upperparts, and rest of underparts; in worn plumage, grey may become tinged pale pink to dull brown by wear, dirt, and soil. Juvenile grey with brown wash, upperparts spotted. In the long-legged and long-billed form *capellanus* from the south, light grey replaced with white, creating a black-and-white look.

Biological characteristics: Prefers plains, valleys, and fields nearby tall scrub, trees, forest, or rock-wall needed for nesting and roosting, but also seen in parks, orchards, and large gardens. Generally occurs pair-wise in fixed territory, but non-territorial non-breeders form small or large flocks, especially when food abundant. Flight straight, with regular slow wing-flapping, gliding to ground or perch. Omnivorous; feeds on invertebrates and plant material, also on small vertebrates, eggs, traffic victims, and human garbage. Breeding starts mid-March; may form small loose colonies when suitable nest-site scarce. Monogamous. Nest a bulky cup of sticks and twigs, lined with wool, hair, and sometimes feathers, built on tree branch. Usual clutch 4-6, rarely 7, sub-elliptical, smooth and slightly glossy green-blue to olive-green eggs, mottled and streaked dark olive to black-brown, 43.3×30.4 mm in size. Eggs hatch after 18-20 days. Chicks, downy and altricial, leave nest in 28-35 days, independent soon after.

Distribution and abundance: *C.c. sharpii* is a common and widespread resident in Iran, but absent from central deserts, Hormozgan, and Sistan-Baluchestan. *C.c. capellanus* is a fairly common resident in the lowlands of Khuzestan.

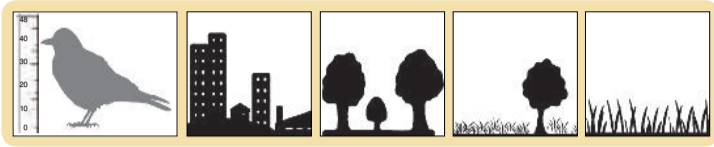
Conservation status: This bird is not listed in the global or national protected species.



کلاغ شرقی *Corvus orientalis*

Oriental Crow

ترکی: شرق قارقاسی، کردی: قهله بهله که روژه لاتی



Morphological characteristics: 44-51 cm length and 93-104 cm wing-span. A large crow with uniform black plumage. Due to similar build and size, until recently united with Hooded Crow *C. cornix* into a single species, but recognized as separate species at present. Quite similar to Rook *C. frugilegus*, but distinguished by longer wings of even width, longer tail, and stronger bill with curved upper mandible. Sexes similar with no seasonal variation. Adult shows uniform black plumage and long and square-ended tail (not wedge-shaped), conspicuous in flight. Juvenile closely similar to adult, but black of plumage duller and tending to become brown on wing when plumage abraded.

Biological characteristics: Prefers plains with patches of groves and trees, open woodland, lines of trees along rivers, irrigation canals, and roads, forest-edge, orchards, and suburban parks. Generally seen in pairs, but non-territorial birds form small or large flocks when food abundant. Flight straight, regular, and slow, rarely gliding. Omnivorous, feeds on invertebrates and cereals, also on small vertebrates, eggs, carrion, and scrapes of organic and vegetative material. Breeding starts mid-March. Monogamous and territorial. Nest a bulky cup of sticks and twigs, lined with wool, hair, and sometimes feathers, built in fork of tree or tall scrub. Usual clutch 4-6, rarely 7, sub-elliptical, smooth and slightly glossy eggs, variable in colour, with shades of light blue, greenish blue, or green, spotted, mottled, and streaked olive-green, olive-brown, dark brown, and grey-blue, 43.3x30.4 mm in size. Eggs hatch after 18-20 days. Chicks, downy and altricial, leave nest in 28-35 days, independent soon after.

Distribution and abundance: A scarce and irregular winter visitor to the north-eastern Iran; only known case of breeding was in Harir Rud valley near Torbet-e Jam in late 19th century.

Conservation status: This bird is not listed in the global or national protected species.



ویژگیهای ظاهری: طول بدن ۴۴ تا ۵۱ سانتی متر و گستردگی بالها ۹۳ تا ۱۰۴ سانتی متر است. کلاغی درشت جثه با بدن یکدست سیاه است. به واسطه اندازه و ساختار بدن به عنوان زیرگونه‌ای (*Corvus corone orientalis*) از «کلاغ ابلق» در نظر گرفته می‌شود و افراد حد واسطی نیز از آنها گزارش شده، اما به تازگی به عنوان یک گونه مستقل معرفی شده است. همچنین شباهت زیادی به «کلاغ سیاه» دارد ولی به واسطه بالهای بلندتر و پهنتر، دم بلندتر و منقار قویتر که در نیم‌نوک بالا اندکی خمیده است، از آن تفکیک می‌شود. نر و ماده هم‌شکل و فاقد تغییرات فصلی هستند. پرنده بالغ بدن یکدست سیاه دارد. دم بلند و در انتها مربع شکل (نه دوزنقه‌ای) که در پرواز به خوبی نمایان است. پرنده نابالغ تا حد زیادی شبیه به بالغها است ولی رنگ سیاه بدن جلای کمتری دارد و روی بالها قهوه‌ای تر به نظر می‌رسد.

ویژگیهای زیستی: دشتهای باز همراه با لکه‌هایی از درختان و درختزارهای باز را ترجیح می‌دهد و در پارکها، باغها، درختزارهای حاشیبه کانالهای آبرسانی و حاشیبه جنگلهای مجاور اراضی مزروعی نیز دیده می‌شود. اغلب به صورت جفت دیده می‌شود ولی افراد فاقد قلمرو، بسته به فراوانی غذا دسته‌های کوچک یا بزرگ تشکیل می‌دهند. پروازی مستقیم، منظم و آهسته دارد و به ندرت بال‌باز روی می‌کند. همه چیز خوار است و اغلب از بی‌مهره‌ها و دانه‌های غلات تغذیه می‌کند. همچنین از مهره‌داران کوچک، تخم پرندگان و لاشه‌ها و تکه‌های مواد گیاهی و جانوری استفاده می‌کند. جوجه‌آوری از اواسط تا اواخر اسفند و با تشکیل قلمرو در طیف وسیعی از زیستگاهها آغاز می‌شود. گاهی اوقات نیز به واسطه کمبود مکانهای مناسب برای ساخت آشیانه، کلنیهای کوچکی تشکیل می‌دهند. تک همسر است و آشیانه‌اش کاسه‌ای حجیم از ساقه‌ها و شاخه‌های درختان است که آن را در محل انشعاب شاخه‌های درختان بنا می‌کند و درونش را با پشم، مو و گاهی پر می‌پوشاند. معمولاً چهار تا شش و به ندرت هفت تخم نیمه بیضی، صاف، تا حدی صیقلی، با رنگهای متنوع و سایه‌هایی به رنگ آبی روشن، آبی مایل به سبز یا سبز، با خالها، لکه‌ها و خطوط سبز زیتونی، قهوه‌ای زیتونی، قهوه‌ای تیره و آبی خاکستری و به ابعاد ۳۰،۴ × ۴۳،۳ میلی‌متر می‌گذارد. تفریح تخمها ۱۸ تا ۲۰ روز طول می‌کشد. جوجه‌ها در بدو تولد پوشیده از کرک، ناتوان و برای تغذیه وابسته به والدین هستند. در ۲۸ تا ۳۵ روزگی آشیانه را ترک می‌کنند و کمی پس از آن مستقل می‌شوند.

پراکنش و فراوانی: زمستان‌گذران کمیاب و نامنظم نواحی شمال شرق کشور است ولی در گذشته در دره هریرود نزدیک به تربت جام جوجه‌آوری داشته است.

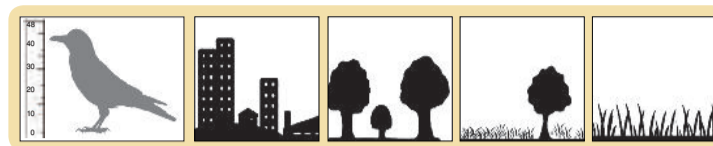
وضعیت حفاظت: در فهرست پرندگان حمایت شده جهانی و ملی قرار ندارد.



کلاغ جنگلی *Corvus macrorhynchos*

Large-billed Crow (Jungle Crow)

ترکی: میشه قارقاسی، کردی: قهله بهله که‌ی لیزواران



Morphological characteristics: 46-50 cm length and 90-120 cm wing-span. A large all-black crow, intermediate in size between Common Raven *C. corax* and Oriental Crow *C. corone*, differing from these mainly in structural characters. Distinguished from Raven by smaller size and more slender bill and from Oriental Crow by slimmer body, longer tail, and thicker bill with a more curved upper mandible. Sexes similar with no seasonal variation. Plumage black with slight purple gloss on wing and tail; feathering of body rather silky in structure on neck and underparts, tinged slightly grey and with distinct white feather-bases, blacker and more glossy ear-coverts often contrast in gloss and texture with side of neck. Throat-feathers short and with bifurcated tips (long and pointed in Common Raven and Oriental Crow). Nasal bristles dense and long, extending to about halfway bill but not covering top of culmen (in Common Raven and Oriental Crow, bristles cover about one-third of bill, also on basal part of culmen). Tail wedge-shaped, easily noticeable in flight. Eye dark brown, bill and leg black. Juvenile like adult but feathers on rump and underparts greyer, looser in structure and more widely spaced.

Biological characteristics: Inhabits open woodlands, parklands, riverine forest, orchards, and woods at fringe of villages and towns. Mostly in pairs; defends territories at daytime but gather in flocks when roosting at night, sometimes along with other corvids. Omnivorous, feeds on any edible food item. More likely to kill and eat domestic chickens than other large crows. Breeding starts early March. Monogamous. Nest a large mass of twigs and larger sticks, lined with hair and wool, built on tree. Usual clutch 4-5, rarely 6-7, sub-elliptical smooth and slightly glossy blue-green eggs with red-brown and grey spots, blotches, and streaks, 42.5x29.7mm in size. Eggs hatch after 17-19 days. Chicks downy and altricial. Fledging period about 35 days.

Distribution and abundance: Formerly reported to breed near Harir Rud in eastern Khorasan and possibly also in Sistan, but not observed in Iran for over a century.

Conservation status: This bird is not listed in the global or national protected species.



ویژگیهای ظاهری: طول بدن ۴۶ تا ۵۰ سانتی‌متر و گستردگی بالها ۹۰ تا ۱۲۰ سانتی‌متر است. کلاغی درشت‌جثه با بدن یکدست سیاه که از نظر اندازه بدن حد واسط «غراب» و «کلاغ شرقی» است ولی به واسطه جثه کوچکتر و منقار ظریفتر از غرابها و به واسطه بدن لاغرتر، دم بلندتر و منقار ضخیمتر که در نیم‌نوک بالا خمیدگی بیشتری دارد، از «کلاغ شرقی» قابل تفکیک است. نر و ماده هم‌شکل و فاقد تغییرات فصلی هستند. پرنده بالغ بدن یکدست سیاه با جلای ارغوانی روی بالها و دم دارد. پرهای گردن و زیرتنه ته رنگ خاکستری دارند و قاعده آنها سفید است، گوشپرها سیاهتر و برآقتر بوده و در تضاد آشکار با پرهای دو طرف گردن به چشم می‌آیند. پرهای گلو کوتاه و نوک آنها دو شاخه است (در «کلاغ شرقی» و «غراب» دراز و یک شاخه است). موی پرهای روی بینی انبوه و دراز است و تا حدود نیمه منقار امتداد می‌یابد (در «غراب» و «کلاغ شرقی» تا حدود ثلث منقار ادامه می‌یابد). دم دوزنقه‌ای شکل دارد که در پرواز به خوبی نمایان است. چشمها قهوه‌ای تیره و منقار و پاها سیاه هستند. پرنده نابالغ شبیه به بالغها است ولی دمگاه و زیرتنه خاکستری‌تر به نظر می‌رسد و پرهای این بخشهای بدن تنکتر بوده و ساختار ضعیفتری دارند.

ویژگیهای زیستی: در درختزارهای باز، جنگلهای حاشیه رودخانه‌ها، پارکها، باغها و همچنین درختزارهای حاشیه روستاها و شهرها به سر می‌برد. اغلب به صورت جفت دیده می‌شود، در طول روز جفتها از قلمرو خود دفاع می‌کنند ولی برای استراحت شبانه به دور هم جمع می‌شوند و در این زمان دسته‌های بزرگی تشکیل می‌دهند. گاهی نیز به صورت مخلوط با سایر کلاغها دیده می‌شود. همه‌چیزخوار است و از هر نوع ماده غذایی قابل خوردن تغذیه می‌کند. همچنین بیش از سایر کلاغهای درشت‌جثه به کشتن و تغذیه از جوجه طیور اهلی مبادرت می‌کند. جوجه‌آوری از اواسط اسفند در درختزارهای باز و حاشیه جنگلهای آغاز می‌شود. تک همسر است و آشیانه‌اش توده‌ای حجیم از ساقه‌ها و شاخه‌های ضخیم است که آن را روی درختان بنا می‌کند و درونش را با مو و پشم می‌پوشاند. معمولاً چهار تا پنج و به ندرت شش تا هفت تخم نیمه بیضی، صاف، تا حدی صیقلی، به رنگ سبز آبی، با خالها، لکه‌ها و خطوط به رنگ قهوه‌ای مایل به قرمز مات و خاکستری و به ابعاد ۲۹،۷ × ۴۲،۵ میلی‌متر می‌گذارد. تفریح تخمها ۱۷ تا ۱۹ روز به طول می‌انجامد. جوجه‌ها در بدو تولد پوشیده از کرک، ناتوان و برای تغذیه وابسته به والدین هستند. پرورش جوجه‌ها در حدود ۳۵ روز طول می‌کشد.

پراکنش و فراوانی: بنا به گزارش «زارودنی» به تعداد اندک در حاشیه هریرود در شرق خراسان، منطقه کاریز (شمال تایباد) و احتمالاً استان سیستان و بلوچستان جوجه‌آوری می‌کرده، اما نزدیک یک قرن است که گزارش موثقی از مشاهده این پرنده در این نواحی در دست نیست.

وضعیت حفاظت: در فهرست پرنده‌گان حمایت شده جهانی و ملی قرار ندارد.



غراب گردن قهوه‌ای *Corvus ruficollis*

Brown-necked Raven

ترکی: آلا بویون لش قارقاسی، کردی: قهله گورگه‌ی مل قاوه‌یی



Morphological characteristics: 48-56 cm length and 103-120 cm wingspan. A large crow, very similar to Common Raven *C. corax*, but distinguished by smaller size and less glossy plumage; best separated by crow-like 'karr' or 'krieh' call, not a deep 'krok' as in Common Raven. Sexes similar with no seasonal variation. Adult shows uniform purple-black plumage, as in Raven, but tends to show bronzy-brown sheen on nape and throat (all-black in Common Raven). Head longer and flatter than Raven, and also body appears more slender, mainly due to shorter feathering. Bill long and strong, but slightly less deep than in Common Raven; legs longer; tail wedge-shaped, base narrower than in Common Raven, difference in wing- and tail-shape conspicuous in flight. Juvenile resembles adult but feathering on rump and underparts short, greyish black, and woolly.

Biological characteristics: Prefers drier habitats compared to other crows. Inhabits open steppe and desert, breeding in isolated trees, bushes, cavities in banks of wadis, cliff-ledges, or artificial structures, sometimes in only stunted tree available within many miles of bare sand, but frequently at sea coasts, fringe of oases, and human settlements, though only locally entering cultivated fields. Territorial, mostly solitary or in pairs, sometimes in small flocks. Flight strong and straight, sometimes at high altitudes, alternated by gliding and soaring; may cover long distances in search for food. An able walker. Omnivorous, feeding on invertebrates, small vertebrates, and carrion, chicks, eggs, cereals, fruit, and seeds. Often seen near garbage dumps and dung heaps, but usually wary, avoiding direct contact with man. Breeding starts early February. Monogamous, probably pairs for life. Nest a mass of twigs and branches, lined with plant down, hair, and wool, built on cliff, on tree and bush, or on old buildings. Usual clutch 4-5, sometimes 2-7, sub-elliptical smooth and glossy eggs, pale blue with buff-olive, brown-olive, or grey-blue spots and streaks, 45.8x31.6 mm in size. Eggs hatch after 18-23 days. Chicks, downy and altricial, leave nest in 35-38 days and fly in 42-45 days, still remaining with parents for a few more months.

Distribution and abundance: A resident in lowlands in the southeast, south, and southwest to Mehran region (Ilam) and central deserts of Iran.

Conservation status: This bird is not listed in the global or national protected species.



ویژگیهای ظاهری: طول بدن ۴۸ تا ۵۶ سانتی‌متر و گستردگی بالها ۱۰۳ تا ۱۲۰ سانتی‌متر است. کلاغی درشت‌جثه که شباهت زیادی به «غراب» دارد ولی به واسطه جثه کوچکتر و جلای کمتر پروبالش از آن متمایز می‌شود. بهترین نشانه برای تفکیک این دو، آوای آنها است، به این نحو که این پرنده بر خلاف «غراب» (که صدای «کروک» از او به گوش می‌رسد)، آوایی شبیه سایر کلاغها سر می‌دهد. نر و ماده هم‌شکل و فاقد تغییرات فصلی هستند. پرنده بالغ بدن یکدست سیاه با جلای ارغوانی دارد، به استثنای پس گردن و گلو که جلای قهوه‌ای برنزی نشان می‌دهد (غراب تماماً سیاه است). بدن باریکتر، سر درازتر و تارک سر تخت‌تر از «غراب» به نظر می‌رسد. منقار ضخیم و قوی و پاهای درازتری نسبت به «غراب» دارد. در پرواز دم دوزنقه‌ای شکلش به خوبی نمایان است. پرنده نابالغ تا حد زیادی شبیه بالغها است ولی پره‌های دمگاه و زیرتنه کوتاه، کرک مانند و سیاه مایل به خاکستری است.

ویژگیهای زیستی: نسبت به سایر کلاغها زیستگاههای خشکتر را ترجیح می‌دهد و اغلب در بوته‌زارهای بیابانی، مناطق صخره‌ای خشک، تپه ماهورهای لم‌یزرع، سواحل دریاها و زمینهای زراعی اطراف روستاها دیده می‌شود. قلمرو طلب، محتاط و خجالتی است، در خارج از دوره جوجه‌آوری اغلب به تنهایی یا جفت، گاهی در دسته‌های کوچک دیده می‌شود. پروازی قوی، مستقیم و در ارتفاع بالا شبیه «غراب» دارد که با بال‌بازروی و بال‌باز اوج‌گیری همراه می‌شود. همچنین به خوبی روی زمین راه می‌رود. همه چیز خوار است، از بی‌مهره‌ها، مهره‌داران کوچک و لاشه‌ها، همچنین از غلات، میوه‌ها و بذر گیاهان تغذیه می‌کند. معمولاً در اطراف محل‌های دپوی زباله و کپه‌های سرگین حیوانات دیده می‌شود. گاهی نیز تخم و جوجه پرنده‌گان را می‌رباید. جوجه‌آوری از اواسط بهمن و با تشکیل قلمرو آغاز می‌شود. تک همسر است و احتمالاً جفتها سالهای طولانی با یکدیگر می‌مانند. آشیانه توده‌ای حجیم از سرشاخه‌ها و ساقه‌ها است که آن را در لبه پناهدار صخره‌ها، روی درختان یا بوته‌ها و حتی در ساختمانهای قدیمی بنا می‌کند و درونش را با الیاف نرم گیاهی، مو و پشم می‌پوشاند. معمولاً چهار تا پنج و گاهی دو تا هفت تخم نیمه بیضی، صاف، صیقلی، آبی کمرنگ، با خالها و خطوط زیتونی نخودی تا زیتونی قهوه‌ای و آبی خاکستری و به ابعاد ۳۱.۶x۴۵.۸ میلی‌متر می‌گذارد. تفریح تخمها ۱۸ تا ۲۳ روز به طول می‌انجامد. جوجه‌ها در بدو تولد پوشیده از کرک، ناتوان و برای تغذیه وابسته به والدین هستند. در ۳۵ تا ۳۸ روزگی آشیانه را ترک و در ۴۲ تا ۴۵ روزگی پرواز می‌کنند ولی همچنان تا چند ماه پس از آن با والدین باقی می‌مانند.

پراکنش و فراوانی: مقیم اراضی پست جنوب شرق، جنوب و جنوب غرب کشور تا منطقه مهران در استان ایلام و همچنین مناطق کویری واقع در مرکز ایران است.

وضعیت حفاظت: در فهرست پرنده‌گان حمایت شده جهانی و ملی قرار ندارد.





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ویژگیهای ظاهری: طول بدن ۴۵ تا ۶۷ سانتی متر و گستردگی بالها ۱۱۵ تا ۱۳۰ سانتی متر است. بزرگترین عضو راسته گنجشک شکلان در کشور محسوب می شود. صدای منحصر به فرد «کروک» تشخیص او را آسان می کند. نر و ماده هم شکل و فاقد تغییرات فصلی هستند. در پرنده بالغ بدن یکدست سیاه براق است. منقار خیلی ضخیم و قوی دارد. پرهای گلو تا حدی افشان و دم دوزنقه ای شکل است که در زمان پرواز به خوبی قابل مشاهده است. پرنده نابالغ تا حد زیادی شبیه بالغها است ولی بدن آن سیاه مات است، بالها و دم قهوه ای تر به نظر می رسند و پرهای دمگاه و زیرتنه کرک مانند و قاعده آنها خاکستری تر دیده می شود. تا کنون دو زیرگونه شامل *C.c. laurencei* از نواحی غربی و *C.c. corax* از شمال و نواحی شرقی کشور گزارش شده اند. زیرگونه اول منقار درازتر و ضخیمتر دارد، بالها، پاها و دم درازتر هستند، رنگ سیاه بدن جلای کمتری دارد، پرهای گلو کوتاهتر بوده و گاهی ته رنگ قهوه ای روی گردن دیده می شود (شبیه به «غراب گردن قهوه ای»).

ویژگیهای زیستی: در کوهستانها و تپه ماهورهای سنگی و صخره ای به سر می برد، برای تغذیه تا سواحل دریاها و استپهای باز پیش می آید و از جنگلهای انبوه، درختزارهای بوته ای، تالابها، باغها و اراضی مزروعی دوری می کند. قلمرو طلب، محتاط و خجالتی است، در خارج از دوره جوجه آوری اغلب به تنهایی یا جفت، گاهی در دسته های کوچک دیده می شود و نواحی وسیعی را برای یافتن غذا در طول روز جستجو می کند. پروازی قوی، مستقیم و باشکوه در ارتفاع بالا دارد که با بال باز روی و بال باز اوج گیری همراه می شود. همچنین به خوبی روی زمین راه می رود. همه چیز خوار و فرصت طلب است، بیشتر از لاشه ها تغذیه می کند و معمولاً در اطراف محلهای دپوی زباله و کشتارگاهها دیده می شود. همچنین قادر است تا جانوران کوچک را به کمک منقار قوی خود کشته و مورد استفاده قرار دهد. گاهی نیز تخم و جوجه پرندگان را می رباید. از غلات و میوه گیاهان نیز تغذیه می کند. جوجه آوری از اوایل اسفند و با تشکیل قلمروهای وسیع در کوهستانها، تپه ماهورها و سواحل صخره ای دریاها آغاز می شود. تک همسر است و جفتها دایمی هستند. آشیانه اش توده ای حجیم از سرشاخه ها و ساقه ها است که آن را در لبه پناهدار صخره ها یا در محل انشعاب شاخه های قوی تک درختان دور افتاده در کوهستانها و تپه ماهورها بنا می کند و درونش را با الیاف نرم گیاهی، مو و پشم می پوشاند. معمولاً چهار تا شش و به ندرت سه یا هفت تخم نیمه بیضی، صاف، صیقلی، آبی کمرنگ، آبی مایل به سبز، سبز کمرنگ، با خالها و لکه های نامنظم و خطوط زیتونی روشن، زیتونی قهوه ای یا قهوه ای مایل به سیاه و خاکستری روشن و به ابعاد 33.4×49.7 میلی متر می گذارد. تفریح تخمها ۲۰ تا ۲۱ روز به طول می انجامد. جوجه ها در بدو تولد پوشیده از کرک، ناتوان و برای تغذیه وابسته به والدین هستند. در ۳۵ تا ۴۹ روزگی پرواز می کنند ولی همچنان در حدود ۲۱ تا ۲۸ روز پس از آن توسط والدین تغذیه می شوند و ممکن است با وجود مستقل شدن، تا زمان طولانی با والدین باقی بمانند.

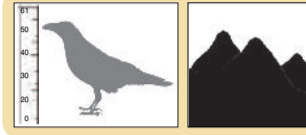
پراکنش و فراوانی: زیرگونه *C.c. corax* مقیم نواحی کوهستانی شمال کشور تا ارتفاعات نواحی خراسان و زیرگونه *C.c. laurencei* مقیم نواحی غربی کشور و در امتداد زاگرس تا استانهای فارس و خوزستان است.

وضعیت حفاظت: در فهرست پرندگان حمایت شده جهانی و ملی قرار ندارد.

غراب *Corvus corax*

Common Raven (Northern Raven)

ترکی: لش قارقاسی، کردی: قهله گورگه، لری: کلائی دال



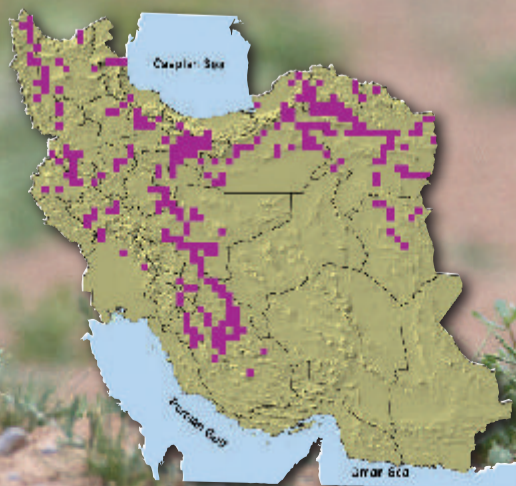
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Morphological characteristics: 45-67 cm length and 115-130 cm wing-span. The largest Iranian songbird. Call characteristic deep 'krok', making the bird easy to distinguish. Sexes similar with no seasonal variation. Adult shows uniform glossy black plumage. Bill very heavy, throat feathers shaggy and pointed, and tail wedge-shaped, conspicuous in flight. Juvenile similar to adult but plumage duller black, wings and tail browner, feathers on rump and underparts woolly, much grey of feather-bases exposed. Birds of Zagros and eastern Iran are sub-species *laurencei*, which is less glossy than typical *corax* from western highlands and Alborz, showing long and thick bill, longer wings, legs, and tail, also with shorter throat hackles and sometimes a brown tinge on neck recalling Brown-necked Raven *C. ruficollis*.

Biological characteristics: Inhabits rocky hills and mountains, descending to sea coasts, open steppe, and fields to feed. Territorial, mostly solitary or in pairs, sometimes in small flocks. In daytime, may cover long distances in search for food. Flight strong, straight, and majestic, with gliding and soaring actions; also able to walk well. Often wary. Omnivorous and opportunistic; mostly feeds on carrion, seen around garbage dumps and slaughter houses, but also able to kill small animals by strong bill; sometimes eats chicks and eggs or feeds on plant material such as cereals and fruit. Breeding starts late March. Monogamous; pairs for life. Nest a large mass of twigs and branches, lined with plant down, hair, and wool, built on cliffs or on thick branch of large tree in mountains or sand dunes. Usual clutch 4-6, sometimes 3-7, sub-elliptical, smooth and glossy eggs, pale blue, green-blue, or pale green, irregularly spotted, streaked, and blotched light olive, brown-olive, or blackish or light greyish brown, 49.7x33.4 mm in size. Eggs hatch after 20-21 days. Chicks downy and altricial. Able to fly in 35-49 days, but fed by parents for another 21-28 days; may remain with parents even after independence.

Distribution and abundance: *C. c. corax* is a resident of mountainous regions in the north to Khorasan highlands, while *C. c. laurencei* is a resident in western Iran along Zagros to Fars and Khuzestan.

Conservation status: This bird is not listed in the global or national protected species.



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555-2	Seyed Babak Musavi	Chestnut-shouldered Petronia	May-2007	Minab - Hormozgan province - Iran
556-1	Seyed Babak Musavi	Rock Sparrow	Jun-2006	Bazangan Lake - Khorasan - Iran
556-2	Seyed Babak Musavi	Rock Sparrow	Jun-2006	Bazangan Lake - Khorasan - Iran
557-1	Seyed Babak Musavi	Pale Rock Sparrow	May-2007	Touran Protected Area - Semnan province - Iran
557-2	Seyed Babak Musavi	Pale Rock Sparrow	May-2006	Heydari Protected Area - Khorasan - Iran
558-1	Seyed Babak Musavi	White-winged Snowfinch (Eurasian Snowfinch)	Oct-2008	Gharchagheh Protected Area - Khorasan - Iran
558-2	Seyed Babak Musavi	White-winged Snowfinch (Eurasian Snowfinch)	Oct-2008	Gharchagheh Protected Area - Khorasan - Iran
559-1	Seyed Babak Musavi	Rose-coloured Starling (Rosy Starling)	Apr-2005	Sarakhs - Khorasan - Iran
559-2	Seyed Babak Musavi	Rose-coloured Starling (Rosy Starling)	Jun-2008	Bazangan Lake - Khorasan - Iran
560-1	Seyed Babak Musavi	Common Starling (European Starling)	Jan-2007	Bojnoord - Khorasan - Iran
560-2	Seyed Babak Musavi	Common Starling (European Starling)	Oct-2007	Kaniborazan Wetland - Mahabad - Western Azarbaijan province - Iran
561-1	Seyed Babak Musavi	Common Myna (Indian Myna)	Jan-2006	Sarakhs - Khorasan - Iran
561-2	Seyed Babak Musavi	Common Myna (Indian Myna)	Jan-2006	Sarakhs - Khorasan - Iran
562-1	Alireza Hashemi	European Golden Oriole	May-2009	Gheytarieh Park - Tehran province - Iran
562-2	Hassan Moghimi	European Golden Oriole	Sep-2008	Ghamishloo Wildlife Refuge - Esfahan province - Iran
563-1	Meisam Ghasemi	Black Drongo	Nov-2010	Farur Protected Area - Iran
563-2	Jaysukh Parekh Suman	Black Drongo	Jan-2010	Bhuj - Kutch - Gujarat - India
564-1	Seyed Babak Musavi	Eurasian Jay	May-2009	Malegaleh Protected Area - Fars province - Iran
564-2	Seyed Babak Musavi	Eurasian Jay	May-2009	Malegaleh Protected Area - Fars province - Iran
565-1	Seyed Babak Musavi	Eurasian Magpie	Jan-2006	Mashad - Khorasan - Iran
565-2	Seyed Babak Musavi	Eurasian Magpie	Jan-2006	Mashad - Khorasan - Iran
566-1	Seyed Babak Musavi	Pleske's Ground Jay	Apr-2008	Turan Protected Area - Semnan province - Iran
566-2	Seyed Babak Musavi	Pleske's Ground Jay	Apr-2008	Turan Protected Area - Semnan province - Iran
567-1	Stefan Hage	Eurasian Nutcracker (Spotted Nutcracker)	Jan-2009	Skillberg - Fläckebo - Västmanland - Sweden
567-2	Stefan Hage	Eurasian Nutcracker (Spotted Nutcracker)	Jan-2009	Skillberg - Fläckebo - Västmanland - Sweden
568-1	Hassan Moghimi	Red-billed Chough	Aug-2008	Ghamishloo Wildlife Refuge - Esfahan province - Iran
568-2	Hassan Moghimi	Red-billed Chough	Aug-2008	Ghamishloo Wildlife Refuge - Esfahan province - Iran
569-1	Alain Fossé	Alpine Chough (Yellow-billed Chough)	Mar-2004	Tizerag - Oukaimeden - Morocco
569-2	Alain Fossé	Alpine Chough (Yellow-billed Chough)	Mar-2004	Tizerag - Oukaimeden - Morocco
570-1	Seyed Babak Musavi	Western Jackdaw (Eurasian Jackdaw)	Sep-2009	Sarakhs - Khorasan - Iran
570-2	Seyed Babak Musavi	Western Jackdaw (Eurasian Jackdaw)	Sep-2009	Sarakhs - Khorasan - Iran
571-1	Seyed Babak Musavi	House Crow (Indian House Crow)	Mar-2006	Khark Island - Iran
571-2	Seyed Babak Musavi	House Crow (Indian House Crow)	Mar-2006	Khark Island - Iran
572-1	Seyed Babak Musavi	Rook	Jun-2009	Ghorigol Lake - Eastern Azarbaijan province - Iran
572-2	Seyed Babak Musavi	Rook	Jun-2009	Ghorigol Lake - Eastern Azarbaijan province - Iran
573-1	Seyed Babak Musavi	Hooded Crow	Jan-2006	Bojnoord - Khorasan - Iran
573-2	Rob Felix	Hooded Crow	Jan-2006	Shadegan Wetland - Khuzestan province - Iran
573-3	Seyed Babak Musavi	Hooded Crow	Jan-2006	Bojnoord - Khorasan - Iran
574-1	Aurélien Audevard	Oriental Crow	Feb-2010	Rausu - Hokkaido - Japan
574-2	Aurélien Audevard	Oriental Crow	Feb-2010	Kushiro - Hokkaido - Japan
575-1	Stefan Hage	Large-billed Crow (Jungle Crow)	Feb-2007	Koh Lanta - Thailand
575-2	Stefan Hage	Large-billed Crow (Jungle Crow)	Feb-2007	Ko Ngai - Thailand
576-1	Seyed Babak Musavi	Brown-necked Raven	Jan-2010	Jask - Hormozgan province - Iran
576-2	Seyed Babak Musavi	Brown-necked Raven	Jan-2010	Khur-e-Meydani - Hormozgan province - Iran
577-1	Seyed Babak Musavi	Common Raven	Jan-2006	Sarakhs - Khorasan - Iran
577-2	Seyed Babak Musavi	Common Raven	Jan-2006	Sarakhs - Khorasan - Iran
577-3	Seyed Babak Musavi	Common Raven	May-2012	Lotf Abad - Dargaz - Khorasan - Iran

528-2	Seyed Babak Musavi	Common Chaffinch	Oct-2009	Arsanjan - Fars province - Iran
529-1	Seyed Babak Musavi	Brambling	Oct-2007	Gharchagheh Protected Area - Khorasan - Iran
530-1	Seyed Babak Musavi	Red-fronted Serin	Sep-2009	Tandureh National Park - Khorasan - Iran
530-2	Seyed Babak Musavi	Red-fronted Serin	Sep-2009	Tandureh National Park - Khorasan - Iran
531-1	Stefan Hage	European Serin	May-2007	Falkenberg city - Halland - Sweden
531-2	Alain Fossé	European Serin	May-2001	Montreuil - Juigné - Maine-et-Loire - France
532-1	Seyed Babak Musavi	European Greenfinch	Oct-2008	Golestan National Park - Golestan province - Iran
532-2	Seyed Babak Musavi	European Greenfinch	Oct-2008	Golestan National Park - Golestan province - Iran
533-1	Georges Oliosio	Eurasian Siskin	Feb-2006	France
533-2	Georges Oliosio	Eurasian Siskin	Feb-2006	France
533-3	Arash Yekdaneh	Eurasian Siskin	Oct-2009	Ab Pari - Noor - Mazandaran province - Iran
534-1	Seyed Babak Musavi	European Goldfinch	Oct-2010	Tandureh National Park - Khorasan - Iran
534-2	Seyed Babak Musavi	European Goldfinch	Jul-2009	Ghorigol Lake - Eastern Azarbaijan province - Iran
534-3	Seyed Babak Musavi	European Goldfinch	Oct-2010	Tandureh National Park - Khorasan - Iran
535-1	Seyed Babak Musavi	Twite	Oct-2010	Tabriz - Eastarn Azarbaijan province - Iran
535-2	Seyed Babak Musavi	Twite	Oct-2010	Tabriz - Eastarn Azarbaijan province - Iran
536-1	Seyed Babak Musavi	Common Linnet	Sep-2007	Tandureh National Park - Khorasan - Iran
536-2	Seyed Babak Musavi	Common Linnet	Jul-2009	Alborz Markazi Protected Area - Alborz province - Iran
536-3	Seyed Babak Musavi	Common Linnet	Jul-2009	Alborz Markazi Protected Area - Alborz province - Iran
537-1	Seyed Babak Musavi	Crimson-winged Finch	Sep-2007	Tandureh National Park - Khorasan - Iran
537-2	Ruzbeh Behruz	Crimson-winged Finch	May-2008	Lar National Park - Tehran province - Iran
538-1	Seyed Babak Musavi	Trumpeter Finch	Jun-2006	Khabr National Park - Kerman province - Iran
538-2	Seyed Babak Musavi	Trumpeter Finch	Jun-2006	Khabr National Park - Kerman province - Iran
539-1	Seyed Babak Musavi	Mongolian Finch	Jun-2007	Marakan Protected Area - Western Azarbaijan province - Iran
540-1	Seyed Babak Musavi	Desert Finch	May-2009	Bazangan Lake - Khorasan - Iran
540-2	Seyed Babak Musavi	Desert Finch	May-2009	Bazangan Lake - Khorasan - Iran
540-3	Seyed Babak Musavi	Desert Finch	May-2009	Bazangan Lake - Khorasan - Iran
541-1	Seyed Babak Musavi	Common Rosefinch	May-2009	Bazangan Lake - Khorasan - Iran
541-2	Seyed Babak Musavi	Common Rosefinch	May-2012	Lar National Park - Tehran province - Iran
542-1	Seyed Babak Musavi	Common Crossbill	Oct-2008	Golestan National Park - Golestan province - Iran
542-2	Seyed Babak Musavi	Common Crossbill	Oct-2008	Golestan National Park - Golestan province - Iran
543-1	Magnus Ullman	Eurasian Bullfinch	Feb-2007	Norway
543-2	Magnus Ullman	Eurasian Bullfinch	Feb-2007	Norway
544-1	Seyed Babak Musavi	Hawfinch	Oct-2009	Arasbaran - Eastarn Azarbaijan province - Iran
544-2	Seyed Babak Musavi	Hawfinch	Oct-2009	Arasbaran - Eastarn Azarbaijan province - Iran
545-1	Seyed Babak Musavi	White-winged Grosbeak	Oct-2007	Gharchagheh Protected Area - Khorasan - Iran
545-2	Seyed Babak Musavi	White-winged Grosbeak	Oct-2007	Gharchagheh Protected Area - Khorasan - Iran
546-1	Niranjan Sant	Red Avadavat	Oct-2007	Belgaum - Karnataka - India
546-2	Niranjan Sant	Red Avadavat	Oct-2007	Belgaum - Karnataka - India
547-1	Seyed Babak Musavi	Indian Silverbill	Apr-2009	Bam - Kerman province - Iran
547-2	Seyed Babak Musavi	Indian Silverbill	Apr-2009	Bam - Kerman province - Iran
548-1	Seyed Babak Musavi	House Sparrow	May-2008	Bazangan Lake - Khorasan - Iran
548-2	Seyed Babak Musavi	House Sparrow	May-2008	Bazangan Lake - Khorasan - Iran
549-1	Seyed Babak Musavi	Eurasian Tree Sparrow	Nov-2010	Shirahmad Protected Area - Khorasan - Iran
549-2	Seyed Babak Musavi	Eurasian Tree Sparrow	Sep-2006	Sarakhs - Khorasan - Iran
550-1	Seyed Babak Musavi	Spanish Sparrow	Mar-2006	Helleh Protected Area - Bushehr province - Iran
550-2	Seyed Babak Musavi	Spanish Sparrow	Mar-2006	Helleh Protected Area - Bushehr province - Iran
551-1	Seyed Babak Musavi	Dead Sea Sparrow	Mar-2006	Helleh Protected Area - Bushehr province - Iran
551-2	Seyed Babak Musavi	Dead Sea Sparrow	Mar-2006	Helleh Protected Area - Bushehr province - Iran
552-1	Askar Isabekov	Saxaul Sparrow	May-2010	Topar - Southern Trans - Balkhash area - Kazakhstan
552-2	Askar Isabekov	Saxaul Sparrow	May-2010	Topar - Southern Trans - Balkhash area - Kazakhstan
553-1	Anand Arya	Sind Jungle Sparrow	Dec-2006	Mohammadabad Marshes - Sonapat - Haryana - India
553-2	Anand Arya	Sind Jungle Sparrow	Dec-2006	Mohammadabad Marshes - Sonapat - Haryana - India
554-1	Georges Oliosio	Desert Sparrow	Feb-2007	Ksar Ghilane - Gouvernorat de Kébili - Tunisia
554-2	Georges Oliosio	Desert Sparrow	Feb-2007	Ksar Ghilane - Gouvernorat de Kébili - Tunisia
555-1	Seyed Babak Musavi	Chestnut-shouldered Petronia	Apr-2008	Mehroueyeh Protected Area - Kerman province - Iran

501-1	Seyed Babak Musavi	Great Tit	Apr-2004	Tandureh National Park - Khorasan - Iran
502-1	Seyed Babak Musavi	Turkestan Tit	Oct-2005	Sarakhs - Khorasan - Iran
502-2	Seyed Babak Musavi	Turkestan Tit	Oct-2005	Sarakhs - Khorasan - Iran
503-1	Seyed Babak Musavi	Blue Tit	Oct-2009	Golestan National Park - Golestan province - Iran
503-2	Seyed Babak Musavi	Blue Tit	Oct-2009	Golestan National Park - Golestan province - Iran
504-1	Askar Isabekov	Yellow-breasted Tit (Azur Tit)	Mar-2013	Chokpak pass, Karatau ridge, Kazakhstan
504-2	Askar Isabekov	Yellow-breasted Tit (Azur Tit)	Mar-2008	Tajikistan
504-3	Askar Isabekov	Yellow-breasted Tit (Azur Tit)	Mar-2013	Chokpak pass, Karatau ridge, Kazakhstan
505-1	Seyed Babak Musavi	Eurasian Nuthatch	May-2011	Kelardasht - Mazandaran province - Iran
505-2	Seyed Babak Musavi	Eurasian Nuthatch	May-2011	Kelardasht - Mazandaran province - Iran
506-1	Seyed Babak Musavi	Western Rock Nuthatch	Jul-2010	Khorramdareh - Zanjan province - Iran
506-2	Seyed Babak Musavi	Western Rock Nuthatch	Jul-2010	Khorramdareh - Zanjan province - Iran
507-1	Seyed Babak Musavi	Eastern Rock Nuthatch	Jul-2009	Geno Protected Area - Hormozgan province - Iran
507-2	Seyed Babak Musavi	Eastern Rock Nuthatch	Jul-2009	Geno Protected Area - Hormozgan province - Iran
508-1	Seyed Babak Musavi	Wallcreeper	Oct-2010	Alborz Markazi Protected Area - Alborz province - Iran
508-2	Seyed Babak Musavi	Wallcreeper	Oct-2010	Alborz Markazi Protected Area - Alborz province - Iran
509-1	Seyed Babak Musavi	Eurasian Treecreeper	Oct-2009	Golestan National Park - Golestan province - Iran
509-2	Seyed Babak Musavi	Eurasian Treecreeper	Oct-2009	Golestan National Park - Golestan province - Iran
510-1	Seyed Babak Musavi	Purple Sunbird	Jun-2006	Bam - Kerman province - Iran
510-2	Seyed Babak Musavi	Purple Sunbird	Apr-2007	Minab - Hormozgan province - Iran
510-3	Seyed Babak Musavi	Purple Sunbird	Apr-2007	Minab - Hormozgan province - Iran
511-1	Hassan Moghimi	Yellowhammer	Oct-2007	Mooteh Wildlife Refuge - Esfahan province - Iran
511-2	Hassan Moghimi	Yellowhammer	Oct-2007	Mooteh Wildlife Refuge - Esfahan province - Iran
512-1	René Pop	Pine Bunting	May-2008	Mongolië
512-2	Soner Bekir	Pine Bunting	Jan-2008	Istanbul - Turkey
513-1	Dave Kutilek	Cirl Bunting	May-2011	Riva River - Black Sea Area - Turkey
513-2	Alain Fossé	Cirl Bunting	Apr-2002	Montreuil - Juigné - Maine-et-Loire - France
513-3	Dave Kutilek	Cirl Bunting	May-2011	Riva River - Black Sea Area - Turkey
514-1	Seyed Babak Musavi	Rock Bunting	Oct-2009	Tandureh National Park - Khorasan - Iran
514-2	Seyed Babak Musavi	Rock Bunting	Oct-2009	Tandureh National Park - Khorasan - Iran
515-1	Seyed Babak Musavi	Grey-necked Bunting	Sep-2006	Golul Sarani Protected Area - Khorasan - Iran
515-2	Seyed Babak Musavi	Grey-necked Bunting	Oct-2009	Tandureh National Park - Khorasan - Iran
516-1	Emin Yoğurtçuoğlu	Cinereous Bunting	Jun-2010	Adiyaman - Turkey
517-1	Seyed Babak Musavi	Ortolan Bunting	Apr-2006	Golestan National Park - Golestan province - Iran
517-2	Seyed Babak Musavi	Ortolan Bunting	Apr-2006	Golestan National Park - Golestan province - Iran
518-1	Raphaél Jordan	White-capped Bunting	May-2008	Sentob - Uzbekistan
518-2	Devendra Bhardwaj	White-capped Bunting	Jan-2010	Jamwa Ramgarh Sanctuary - Jaipur - Rajasthan - India
519-1	Alain Fossé	Cretzschmar's Bunting	Mar-2001	Jordan
519-2	Alain Fossé	Cretzschmar's Bunting	Mar-2001	Jordan
520-1	Seyed Babak Musavi	Striolated Bunting	Jun-2009	Geno Protected Area - Hormozgan province - Iran
520-2	Seyed Babak Musavi	Striolated Bunting	Jun-2009	Geno Protected Area - Hormozgan province - Iran
521-1	Stefan Hage	Little Bunting	Dec-2010	Eklanda - Västergötland - Sweden
521-2	Stefan Hage	Little Bunting	Dec-2010	Eklanda - Västergötland - Sweden
522-1	Magnus Ullman	Rustic Bunting	Nov-2010	Oman
522-2	Magnus Ullman	Rustic Bunting	Nov-2010	Oman
523-1	Aurélien Audevard	Yellow-breasted Bunting	Sep-2009	Daiekokusan-tō - Chōlla-namdo - South Korea
523-2	Aurélien Audevard	Yellow-breasted Bunting	Sep-2009	Daiekokusan-tō - Chōlla-namdo - South Korea
524-1	Seyed Babak Musavi	Black-headed Bunting	Jun-2005	Ghorigol Lake - Eastern Azarbaijan province - Iran
524-2	Seyed Babak Musavi	Black-headed Bunting	Jun-2008	Arasbaran - Eastern Azarbaijan province - Iran
525-1	Seyed Babak Musavi	Red-headed Bunting	Jun-2007	Bazangan Lake - Khorasan - Iran
525-2	Seyed Babak Musavi	Red-headed Bunting	Jun-2007	Bazangan Lake - Khorasan - Iran
526-1	Seyed Babak Musavi	Reed Bunting	Mar-2008	Boojagh National Park - Gilan province - Iran
526-2	Seyed Babak Musavi	Reed Bunting	Jun-2005	Ghorigol Lake - Eastern Azarbaijan province - Iran
527-1	Seyed Babak Musavi	Corn Bunting	Jun-2012	Golul Sarani Protected Area - Khorasan - Iran
527-2	Seyed Babak Musavi	Corn Bunting	Mar-2006	Helleh Protected Area - Bushehr province - Iran
528-1	Seyed Babak Musavi	Common Chaffinch	Sep-2007	Golul Sarani Protected Area - Khorasan - Iran

473-2	Yves Thonnerieux	Yellow-browed Warbler (Inornate Warbler)	Oct-2005	Miribel-Jonage - Rhône - France
474-1	Magnus Ullman	Hume's Leaf Warbler	Dec-2008	Oman
474-2	Magnus Ullman	Hume's Leaf Warbler	Dec-2008	Oman
475-1	Askar Isabekov	Greenish Warbler	Jun-2011	Kim-Asar Gorge - Ile-Alatau National Park - Kazakhstan
475-2	Askar Isabekov	Greenish Warbler	May-2007	Medeo Chine - Ile-Alatau National Park - Kazakhstan
476-1	Seyed Babak Musavi	Green Warbler (Green Leaf Warbler)	Apr-2010	Bazangan Lake - Khorasan - Iran
476-2	Seyed Babak Musavi	Green Warbler (Green Leaf Warbler)	May-2007	Touran Protected Area - Semnan province - Iran
477-1	Alireza Hashemi	Blackcap	Apr-2009	Jamshidieh Park - Tehran province - Iran
477-2	Alireza Hashemi	Blackcap	Apr-2009	Jamshidieh Park - Tehran province - Iran
478-1	Ashkan Ojaghi	Garden Warbler	Sep-2010	Ardebil - Ardebil province - Iran
478-2	Ashkan Ojaghi	Garden Warbler	Sep-2010	Ardebil - Ardebil province - Iran
479-1	Seyed Babak Musavi	Common Whitethroat	May-2007	Golestan National Park - Golestan province - Iran
479-2	Seyed Babak Musavi	Common Whitethroat	Apr-2007	Tehran - Tehran province - Iran
480-1	Seyed Babak Musavi	Lesser Whitethroat	Jun-2010	Zanjan - Zanjan province - Iran
480-2	Seyed Babak Musavi	Lesser Whitethroat	Jun-2010	Zanjan - Zanjan province - Iran
481-1	Morteza Nemati	Desert Lesser Whitethroat	Jun-2008	Arsanjan - Fars province - Iran
481-2	Morteza Nemati	Desert Lesser Whitethroat	Jun-2008	Arsanjan - Fars province - Iran
482-1	Magnus Ullman	Hume's Whitethroat (Hume's Lesser Whitethroat)	Apr-2007	Iran
482-2	Magnus Ullman	Hume's Whitethroat (Hume's Lesser Whitethroat)	Apr-2005	Iran
483-1	Seyed Babak Musavi	Asian Desert Warbler	Mar-2006	Khark Island - Iran
483-2	Seyed Babak Musavi	Asian Desert Warbler	Mar-2006	Nayband National Park - Bushehr province - Iran
484-1	Seyed Babak Musavi	Barred Warbler	May-2010	Bazangan Lake - Khorasan - Iran
484-2	Seyed Babak Musavi	Barred Warbler	May-2010	Bazangan Lake - Khorasan - Iran
485-1	Seyed Babak Musavi	Eastern Orphean Warbler	May-2008	Golestan National Park - Golestan province - Iran
485-2	Seyed Babak Musavi	Eastern Orphean Warbler	Sep-2006	Hezar Masjed Protected Area - Khorasan - Iran
486-1	Magnus Ullman	Rüppell's Warbler	Apr-2007	Cyprus
486-2	Magnus Ullman	Rüppell's Warbler	Apr-2010	Cyprus
487-1	Seyed Babak Musavi	Ménétries's Warbler	Mar-2006	Nayband National Park - Bushehr province - Iran
487-2	Seyed Babak Musavi	Ménétries's Warbler	Jun-2009	Zanjan - Zanjan province - Iran
488-1	Seyed Babak Musavi	Oriental White-eye	Jan-2008	Khur-e-Azini - Hormozgan province - Iran
488-2	Meisam Ghasemi	Oriental White-eye	Jan-2011	Khur-e-Azini - Hormozgan province - Iran
489-1	Anup Sharma	Verditer Flycatcher	Feb-2011	Pune Division - Maharashtra - India
489-2	Anup Sharma	Verditer Flycatcher	Feb-2011	Pune Division - Maharashtra - India
490-1	Seyed Babak Musavi	Spotted Flycatcher	May-2009	Khajeh Protected Area - Khorasan - Iran
490-2	Seyed Babak Musavi	Spotted Flycatcher	May-2009	Khajeh Protected Area - Khorasan - Iran
491-1	Magnus Ullman	European Pied Flycatcher	Sep-2007	Sweden
491-2	Magnus Ullman	European Pied Flycatcher	May-2010	Sweden
492-1	Meisam Ghasemi	Semi-collared Flycatcher	Apr-2009	Lavan Island - Iran
492-2	Alireza Hashemi	Semi-collared Flycatcher	Mar-2009	Gheytarieh Park - Tehran province - Iran
493-1	Seyed Babak Musavi	Red-breasted Flycatcher (Red-throated Flycatcher)	Sep-2010	Tandureh National Park - Khorasan - Iran
493-2	Alireza Hashemi	Red-breasted Flycatcher (Red-throated Flycatcher)	Oct-2009	Touran Protected Area - Semnan province - Iran
494-1	Dolly Laishram	Ultramarine Flycatcher	May-2012	Sattal - Uttarakhand - India
494-2	Dolly Laishram	Ultramarine Flycatcher	May-2012	Sattal - Uttarakhand - India
495-1	Mahmoud Shakiba	Bearded Reedling (Bearded Tit)	Jan-2009	Gongan Rud - Golestan province - Iran
495-2	Edwin Winkel	Bearded Reedling (Bearded Tit)	Jan-2009	Golestan province - Iran
496-1	Seyed Babak Musavi	Long-tailed Tit	Oct-2010	Kelardasht - Mazandaran province - Iran
496-2	Seyed Babak Musavi	Long-tailed Tit	Oct-2010	Kelardasht - Mazandaran province - Iran
497-1	Seyed Babak Musavi	Eurasian Penduline Tit	May-2011	Sari - Mazandaran province - Iran
497-2	Seyed Babak Musavi	Eurasian Penduline Tit	May-2011	Sari - Mazandaran province - Iran
498-1	Seyed Babak Musavi	Sombre Tit	Oct-2009	Arsanjan - Fars province - Iran
498-2	Seyed Babak Musavi	Sombre Tit	Oct-2009	Arsanjan - Fars province - Iran
499-1	Seyed Babak Musavi	Caspian Tit	May-2011	Kelardasht - Mazandaran province - Iran
499-2	Seyed Babak Musavi	Caspian Tit	May-2011	Kelardasht - Mazandaran province - Iran
499-3	Seyed Babak Musavi	Caspian Tit	May-2011	Kelardasht - Mazandaran province - Iran
500-1	Seyed Babak Musavi	Coal Tit	Sep-2007	Golul Sarani Protected Area - Khorasan - Iran
500-2	Seyed Babak Musavi	Coal Tit	Sep-2007	Golul Sarani Protected Area - Khorasan - Iran

444-1	Seyed Babak Musavi	Iraq Babbler	May-2007	Bamdej Wetland - Khuzestan province - Iran
444-2	Seyed Babak Musavi	Iraq Babbler	Jun-2011	Bamdej Wetland - Khuzestan province - Iran
445-1	Seyed Babak Musavi	Common Babbler	Mar-2006	Helleh Protected Area - Bushehr province - Iran
445-2	Seyed Babak Musavi	Common Babbler	Apr-2010	Bam - Kerman province - Iran
446-1	Ashkan Ojaghi	Goldcrest	Nov-2010	Jamshidieh park- Tehran - Tehran province - Iran
446-2	Behzad Farahnchi	Goldcrest	May-2008	Jamshidieh park- Tehran - Tehran province - Iran
447-1	Magnus Ullman	Zitting Cisticola (Fan-tailed Cisticola)	Nov-2007	Spain
447-2	Magnus Ullman	Zitting Cisticola (Fan-tailed Cisticola)	Nov-2007	Spain
448-1	Seyed Babak Musavi	Scrub Warbler	Mar-2010	Geno Protected Area - Hormozgan province - Iran
448-2	Seyed Babak Musavi	Scrub Warbler	May-2005	Rig-e-Sepid - Shahr-e-Babak - Kerman province - Iran
449-1	Seyed Babak Musavi	Graceful Prinia (Graceful Warbler)	Mar-2006	Helleh Protected Area - Bushehr province - Iran
449-2	Seyed Babak Musavi	Graceful Prinia (Graceful Warbler)	May-2006	Kahnooj - Kerman province - Iran
450-1	Ashkan Ojaghi	Cetti's Warbler	Jul-2009	Ardebil - Ardebil province - Iran
450-2	Ashkan Ojaghi	Cetti's Warbler	Jul-2009	Ardebil - Ardebil province - Iran
451-1	Magnus Ullman	Grasshopper Warbler	May-2008	Sweden
451-2	Magnus Ullman	Grasshopper Warbler	Jul-2010	Sweden
452-1	Jiri Bohdal	River Warbler	May-2009	Czech Republic
452-2	Jiri Bohdal	River Warbler	May-2009	Czech Republic
453-1	Zbigniew Kajzer	Savi's Warbler	Apr-2007	Przemków fish-ponds - Poland
454-1	Seyed Babak Musavi	Moustached Warbler	Oct-2008	Kaniborazan Wetland - Mahabad - Western Azarbaijan province - Iran
454-2	Seyed Babak Musavi	Moustached Warbler	Oct-2008	Kaniborazan Wetland - Mahabad - Western Azarbaijan province - Iran
454-3	Seyed Babak Musavi	Moustached Warbler	Oct-2008	Kaniborazan Wetland - Mahabad - Western Azarbaijan province - Iran
455-1	Seyed Babak Musavi	Sedge Warbler	May-2005	Ghorigol Lake - Eastern Azarbaijan province - Iran
456-1	Stefan Hage	Paddyfield Warbler	May-2011	Cegen Golu - Ercek Golu -Van -Turkey
456-2	Stefan Hage	Paddyfield Warbler	May-2011	Cegen Golu - Ercek Golu -Van -Turkey
457-1	Ashkan Ojaghi	European Reed Warbler	Jul-2009	Ardebil - Ardebil province - Iran
457-2	Ashkan Ojaghi	European Reed Warbler	Jul-2009	Ardebil - Ardebil province - Iran
458-1	Seyed Babak Musavi	Blyth's Reed Warbler	Jun-2009	Bazangan Lake - Khorasan - Iran
458-2	Seyed Babak Musavi	Blyth's Reed Warbler	Jun-2009	Bazangan Lake - Khorasan - Iran
459-1	Magnus Ullman	Marsh Warbler	Jun-2009	Sweden
459-2	Magnus Ullman	Marsh Warbler	Jun-2009	Sweden
460-1	Seyed Babak Musavi	Great Reed Warbler	Jul-2010	Ghorigol Lake - Eastern Azarbaijan province - Iran
460-2	Seyed Babak Musavi	Great Reed Warbler	Jul-2010	Ghorigol Lake - Eastern Azarbaijan province - Iran
461-1	Seyed Babak Musavi	Clamorous Reed Warbler	Jun-2006	Harra protected Area - Hormozgan province - Iran
461-2	Seyed Babak Musavi	Clamorous Reed Warbler	Jun-2006	Harra protected Area - Hormozgan province - Iran
462-1	Seyed Babak Musavi	Basra Reed Warbler	Apr-2007	Bamdej Wetland - Khuzestan province - Iran
462-2	Seyed Babak Musavi	Basra Reed Warbler	Apr-2007	Bamdej Wetland - Khuzestan province - Iran
463-1	Aurélien Audevard	Booted Warbler	Jun-2003	Stantsiya Abail - Torghay Oblsyy - Kazakhstan
464-1	Seyed Babak Musavi	Eastern Olivaceous Warbler	Jun-2006	Bazangan Lake - Khorasan - Iran
464-2	Seyed Babak Musavi	Eastern Olivaceous Warbler	Jun-2006	Bazangan Lake - Khorasan - Iran
465-1	Mohammad Tohidifar	Upchers warbler	Jun-2009	Touran Protected Area - Semnan province - Iran
465-2	Seyed Babak Musavi	Upchers warbler	Apr-2011	Geno Protected Area - Hormozgan province - Iran
466-1	Ashkan Ojaghi	Icterine Warbler	Jul-2010	Firouz Kuh - Tehran province - Iran
466-2	Ashkan Ojaghi	Icterine Warbler	Jul-2010	Firouz Kuh - Tehran province - Iran
467-1	Seyed Babak Musavi	Willow Warbler	May-2008	Touran Protected Area - Semnan province - Iran
467-2	Seyed Babak Musavi	Willow Warbler	May-2008	Touran Protected Area - Semnan province - Iran
468-1	Seyed Babak Musavi	Common Chiffchaff	Oct-2008	Kaniborazan Wetland - Mahabad - Western Azarbaijan province - Iran
468-2	Seyed Babak Musavi	Common Chiffchaff	Oct-2008	Kaniborazan Wetland - Mahabad - Western Azarbaijan province - Iran
468-3	Seyed Babak Musavi	Common Chiffchaff	Oct-2008	Kaniborazan Wetland - Mahabad - Western Azarbaijan province - Iran
469-1	Seyed Babak Musavi	Mountain Chiffchaff	Jan-2004	Jask - Hormozgan province - Iran
470-1	Seyed Babak Musavi	Plain leaf Warbler (Plain willow Warbler)	Sep-2006	Tandureh National Park - Khorasan - Iran
470-2	Seyed Babak Musavi	Plain leaf Warbler (Plain willow Warbler)	Oct-2010	Arsanjan - Fars province - Iran
471-1	Magnus Ullman	Eastern Bonelli's Warbler	Apr-2010	Egypt
471-2	Magnus Ullman	Eastern Bonelli's Warbler	Apr-2010	Egypt
472-1	Jean-Louis Corsin	Wood Warbler	Jun-2007	Lorraine-Cattenom - France
473-1	Florent Yvert	Yellow-browed Warbler (Inornate Warbler)	Oct-2009	Ile de Sein - Bretagne - France

418-2	Abdolreza Kazemi	Whinchat	May-2010	Khorram Darreh - Zanjan province - Iran
418-3	Abdolreza Kazemi	Whinchat	May-2010	Khorram Darreh - Zanjan province - Iran
419-1	Seyed Babak Musavi	Common Stonechat	Nov-2007	Tandureh National Park - Khorasan - Iran
419-2	Seyed Babak Musavi	Common Stonechat	Feb-2007	Helleh Protected Area - Bushehr province - Iran
420-1	Seyed Babak Musavi	Pied Bushchat	May-2006	Bazangan Lake - Khorasan - Iran
420-2	Seyed Babak Musavi	Pied Bushchat	May-2006	Bazangan Lake - Khorasan - Iran
420-3	Seyed Babak Musavi	Pied Bushchat	Mar-2010	Sadd-e-Minab - Hormozgan province - Iran
421-1	Seyed Babak Musavi	Northern Wheatear	Oct-2006	Myandasht Wildlife Refuge - Khorasan - Iran
421-2	Seyed Babak Musavi	Northern Wheatear	May-2007	Parvar Proteted Area - Semnan province - Iran
422-1	Seyed Babak Musavi	Isabelline Wheatear	Oct-2006	Myandasht Wildlife Refuge - Khorasan - Iran
422-2	Seyed Babak Musavi	Isabelline Wheatear	Oct-2006	Myandasht Wildlife Refuge - Khorasan - Iran
423-1	Seyed Babak Musavi	Black-eared Wheatear	May-2009	Maleh Galeh Protected Area - Fars province - Iran
423-2	Seyed Babak Musavi	Black-eared Wheatear	May-2009	Maleh Galeh Protected Area - Fars province - Iran
424-1	Seyed Babak Musavi	Pied Wheatear	Mar-2006	Mond Protected Area - Bushehr province - Iran
424-2	Seyed Babak Musavi	Pied Wheatear	Mar-2006	Mond Protected Area - Bushehr province - Iran
425-1	Seyed Babak Musavi	Mourning Wheatear	Jun-2011	Khangormaz Protected Area - Hamedan province - Iran
425-2	Seyed Babak Musavi	Mourning Wheatear	Mar-2004	Rig-e-Sepid - Shahr-e-Babak - Kerman province - Iran
426-1	Seyed Babak Musavi	Finsche's Wheatear	Jun-2008	Khajeh Protected Area - Khorasan - Iran
426-2	Seyed Babak Musavi	Finsche's Wheatear	Oct-2008	Khajeh Protected Area - Khorasan - Iran
427-1	Seyed Babak Musavi	Eastern Pied Wheatear	Apr-2008	Touran Protected Area - Semnan province - Iran
427-2	Seyed Babak Musavi	Eastern Pied Wheatear	Apr-2008	Touran Protected Area - Semnan province - Iran
428-1	Stefan Hage	Kurdish Wheatear	May-2011	Nemrut Dagi-Adiyaman -Turkey
428-2	Stefan Hage	Kurdish Wheatear	May-2011	Nemrut Dagi-Adiyaman -Turkey
429-1	Seyed Babak Musavi	Persian Wheatear	Jan-2010	Jask - Hormozgan province - Iran
429-2	Seyed Babak Musavi	Persian Wheatear	Jan-2010	Jask - Hormozgan province - Iran
430-1	Seyed Babak Musavi	Desert Wheatear	Mar-2006	Khark Island - Iran
430-2	Seyed Babak Musavi	Desert Wheatear	Apr-2008	Touran Protected Area - Semnan province - Iran
431-1	Seyed Babak Musavi	Hooded Wheatear	Mar-2006	Nayband National Park - Bushehr province - Iran
431-2	Seyed Babak Musavi	Hooded Wheatear	Jan-2011	Khur-e-Meydani - Hormozgan province - Iran
431-3	Seyed Babak Musavi	Hooded Wheatear	Jan-2011	Khur-e-Meydani - Hormozgan province - Iran
432-1	Seyed Babak Musavi	Hume's Wheatear	Jul-2011	Darreh Anjir Wildlife Refuge - Yazd province - Iran
432-2	Ali Rezaie Khuzani	Hume's Wheatear	Apr-2012	Ghamishloo Wildlife Refuge - Esfahan province - Iran
433-1	Jean-Michel Fenerole	White-crowned Wheatear	Dec-2009	Israel
433-2	Jean-Michel Fenerole	White-crowned Wheatear	Dec-2009	Israel
434-1	Devendra Bhardwaj	Blue Whistling-thrush	Feb-2012	India
434-2	Arun P. Singh	Blue Whistling-thrush	Mar-2005	Mussoorie - Uttaranchal - India
435-1	Seyed Babak Musavi	Rufous-tailed Rock Trush	Apr-2005	Tandureh National Park - Khorasan - Iran
435-2	Alireza Hashemi	Rufous-tailed Rock Trush	Jun-2009	Lar National Park - Tehran province - Iran
436-1	Hassan Moghimi	Blue Rock Thrush	Sep-2008	Ghamishloo Wildlife Refuge - Esfahan province - Iran
436-2	Seyed Babak Musavi	Blue Rock Thrush	May-2010	Khajeh Protected Area - Khorasan - Iran
437-1	Seyed Babak Musavi	Ring Ouzel	Oct-2007	Gharchagheh Protected Area - Khorasan - Iran
437-2	Seyed Babak Musavi	Ring Ouzel	Oct-2007	Gharchagheh Protected Area - Khorasan - Iran
438-1	Alireza Hashemi	Blackbird	May-2009	Jamshidieh Park - Tehran province - Iran
438-2	Seyed Babak Musavi	Blackbird	Nov-2009	Gharchagheh Protected Area - Khorasan - Iran
438-3	Seyed Babak Musavi	Blackbird	Nov-2010	Arsanjan - Fars province - Iran
439-1	Seyed Babak Musavi	Black-throated Thrush	Oct-2007	Gharchagheh Protected Area - Khorasan - Iran
439-2	Seyed Babak Musavi	Black-throated Thrush	Oct-2007	Gharchagheh Protected Area - Khorasan - Iran
440-1	Alireza Hashemi	Fieldfare	Jan-2008	Gheytaarieh Park - Tehran province - Iran
440-2	Alireza Hashemi	Fieldfare	Jan-2008	Gheytaarieh Park - Tehran province - Iran
441-1	Magnus Ullman	Redwing	Oct-2008	Sweden
441-2	Magnus Ullman	Redwing	Jan-2010	Sweden
442-1	Alireza Hashemi	Song Thrush	Jan-2011	Gheytaarieh Park - Tehran province - Iran
442-2	Seyed Babak Musavi	Song Thrush	May-2006	Khaiiz - Khuzestan province - Iran
442-3	Seyed Babak Musavi	Song Thrush	May-2006	Khaiiz - Khuzestan province - Iran
443-1	Seyed Babak Musavi	Mistle Thrush	Oct-2009	Gharchagheh Protected Area - Khorasan - Iran
443-2	Seyed Babak Musavi	Mistle Thrush	Oct-2009	Gharchagheh Protected Area - Khorasan - Iran

392-3	Seyed Babak Musavi	Turkestan Shrike	May-2006	Khaiiz - Khuzestan province - Iran
393-1	Seyed Babak Musavi	Bay-backed Shrike	Apr-2009	Minab - Hormozgan province - Iran
393-2	Seyed Babak Musavi	Bay-backed Shrike	Apr-2009	Minab - Hormozgan province - Iran
394-1	Zoltan Kovacs	Long-tailed Shrike (Rufous-backed Shrike)	Dec-2010	Islam Abad - Pakistan
394-2	Zoltan Kovacs	Long-tailed Shrike (Rufous-backed Shrike)	Dec-2010	Islam Abad - Pakistan
395-1	Seyed Babak Musavi	Lesser Grey Shrike	Jun-2010	Ghorigol Lake - Eastern Azarbaijan province - Iran
395-2	Seyed Babak Musavi	Lesser Grey Shrike	Jun-2010	Ghorigol Lake - Eastern Azarbaijan province - Iran
396-1	René Dumoulin	Great Grey Shrike (Northern Shrike)	Dec-2006	Harzé - Province de Liège - Belgium
396-2	René Dumoulin	Great Grey Shrike (Northern Shrike)	Dec-2006	Harzé - Province de Liège - Belgium
397-1	Seyed Babak Musavi	Steppe Grey Shrike	Mar-2006	Helleh Protected Area - Busherhr province - Iran
397-2	Seyed Babak Musavi	Steppe Grey Shrike	Mar-2006	Helleh Protected Area - Busherhr province - Iran
398-1	Alireza Hashemi	Woodchat Shrike	Feb-2010	Geno Protected Area - Hormozgan province - Iran
398-2	Seyed Babak Musavi	Woodchat Shrike	May-2008	Arsanjan - Fars province - Iran
399-1	Seyed Babak Musavi	Masked Shrike	Apr-2007	Mond Protected Area - Bushehr province - Iran
399-2	Seyed Babak Musavi	Masked Shrike	May-2009	Maleh Galeh Protected Area - Fars province - Iran
400-1	Magnus Ullman	Bohemian Waxwing	Nov-2010	Sweden
400-2	Magnus Ullman	Bohemian Waxwing	Oct-2007	Sweden
401-1	Seyed Babak Musavi	Grey Hypocolius	Jun-2005	Dez Protected Area - Khuzestan province - Iran
401-2	Seyed Babak Musavi	Grey Hypocolius	Jun-2005	Dez Protected Area - Khuzestan province - Iran
402-1	Seyed Babak Musavi	White-throated Dipper (Dipper)	Feb-2010	Alborz Markazi Protected Area - Alborz province - Iran
402-2	Seyed Babak Musavi	White-throated Dipper (Dipper)	Feb-2010	Alborz Markazi Protected Area - Alborz province - Iran
403-1	Seyed Babak Musavi	Winter Wren	Jun-2007	Bojnoord - Khorasan - Iran
403-2	Seyed Babak Musavi	Winter Wren	Jun-2007	Bojnoord - Khorasan - Iran
403-3	Seyed Babak Musavi	Winter Wren	Jun-2007	Bojnoord - Khorasan - Iran
404-1	Seyed Babak Musavi	Alpine Accentor	Oct-2009	Gharchagheh Protected Area - Khorasan - Iran
404-2	Seyed Babak Musavi	Alpine Accentor	Oct-2009	Gharchagheh Protected Area - Khorasan - Iran
405-1	Seyed Babak Musavi	Radde's Accentor	Jul-2008	Alborz Markazi Protected Area - Alborz province - Iran
405-2	Seyed Babak Musavi	Radde's Accentor	Oct-2010	Arsanjan - Fars province - Iran
406-1	Stefan Hage	Black-throated Accentor	Oct-2010	Södra udden-Ottenby-Öland-Sweden
406-2	Stefan Hage	Black-throated Accentor	Oct-2010	Södra udden-Ottenby-Öland-Sweden
407-1	Magnus Ullman	Dunnock	May-2007	Sweden
407-2	Magnus Ullman	Dunnock	Sep-2009	Sweden
408-1	Ashkan Ojaghi	Robin	Jan-2011	Jamshidieh Park - Tehran - Tehran province - Iran
408-2	Seyed Babak Musavi	Robin	Mar-2006	Boojagh National Park - Gilan province - Iran
409-1	Magnus Ullman	Thrush Nightingale	Apr-2009	Jordan
409-2	Magnus Ullman	Thrush Nightingale	Apr-2009	Jordan
410-1	Seyed Babak Musavi	Common Nightingale	May-2009	Khajeh Protected Area - Khorasan - Iran
410-2	Seyed Babak Musavi	Common Nightingale	May-2009	Khajeh Protected Area - Khorasan - Iran
411-1	Seyed Babak Musavi	Bluethroat	May-2006	Bazangan Lake - Khorasan - Iran
411-2	Seyed Babak Musavi	Bluethroat	Mar-2006	Helleh Protected Area - Busherhr province - Iran
412-1	Seyed Babak Musavi	White-throated Robin	May-2008	Tandureh National Park - Khorasan - Iran
412-2	Seyed Babak Musavi	White-throated Robin	May-2007	Heydari Protected Area - Khorasan - Iran
413-1	Seyed Babak Musavi	Rufous-tailed Scrub-Robin (Rufous Bush Chat)	Jun-2005	Dez Protected Area - Khuzestan province - Iran
413-2	Seyed Babak Musavi	Rufous-tailed Scrub-Robin (Rufous Bush Chat)	Jun-2005	Dez Protected Area - Khuzestan province - Iran
414-1	Seyed Babak Musavi	Eversmann's Redstart	Oct-2009	Arsanjan - Fars province - Iran
414-2	Seyed Babak Musavi	Eversmann's Redstart	Oct-2009	Sarakhs - Khorasan - Iran
414-3	Seyed Babak Musavi	Eversmann's Redstart	Jan-2005	Arsanjan - Fars province - Iran
415-1	Seyed Babak Musavi	Black Redstart	Oct-2007	Arsanjan - Fars province - Iran
415-2	Seyed Babak Musavi	Black Redstart	Mar-2004	Ghamishloo Wildlife Refuge - Esfahan province - Iran
415-3	Seyed Babak Musavi	Black Redstart	Oct-2007	Ghamishloo Wildlife Refuge - Esfahan province - Iran
416-1	Seyed Babak Musavi	Common Redstart	May-2010	Touran Protected Area - Semnan province - Iran
416-2	Seyed Babak Musavi	Common Redstart	Apr-2005	Kabir Kouh Protected Area - Ilam province - Iran
417-1	Stefan Hage	Güldenstädt's Redstart	May-2011	Kazbegi - Georgia
417-2	Stefan Hage	Güldenstädt's Redstart	May-2011	Kazbegi - Georgia
417-3	Stefan Hage	Güldenstädt's Redstart	May-2011	Kazbegi - Georgia
418-1	Abdolreza Kazemi	Whinchat	May-2010	Khorram Darreh - Zanjan province - Iran

366-1	Seyed Babak Musavi	Greater Hoopoe Lark	May-2004	Rig-e-Sepid - Shahr-e-Babak - Kerman province - Iran
366-2	Seyed Babak Musavi	Greater Hoopoe Lark	Jan-2010	Gabrik protected Area - Hormozgan province - Iran
367-1	Seyed Babak Musavi	Horned Lark	Jun-2005	Bazangan Lake - Khorasan - Iran
367-2	Seyed Babak Musavi	Horned Lark	May-2007	Alborz Markazi Protected Area - Alborz province - Iran
368-1	Alireza Hashemi	Sand Martin (Bank Swallow)	Jun-2010	Gonbad-e-Kavous Road- Golestan province - Iran
368-1	Mohammad Pourhedayat	Sand Martin (Bank Swallow)	Nov-2010	Ghalenow wetland - Tehran province - Iran
368-2	Mahmoud Shakiba	Sand Martin (Bank Swallow)	Apr-2008	Agh Ghala - Golestan province - Iran
369-1	Jyotendra Thakuri	Plain Martin (Brown-throated Martin)	Jun-2010	Suklaphanta Wildlife Reserve - Nepal
369-2	Jyotendra Thakuri	Plain Martin (Brown-throated Martin)	Jun-2010	Suklaphanta Wildlife Reserve - Nepal
370-1	Seyed Babak Musavi	Eurasian Crag Martin	May-2011	Parvar Proteted Area - Semnan province - Iran
371-1	Seyed Babak Musavi	Pale Crag Martin	Jun-2007	Khaiiz - Khuzestan province - Iran
371-2	Seyed Babak Musavi	Pale Crag Martin	Jun-2011	Parvand Protected Area - Khorasan - Iran
372-1	Seyed Babak Musavi	Barn Swallow	May-2005	Bazangan Lake - Khorasan - Iran
372-2	Seyed Babak Musavi	Barn Swallow	Jun-2007	Khaiiz - Khuzestan province - Iran
373-1	Seyed Babak Musavi	Red- rumped Swallow	Jun-2007	Khaiiz - Khuzestan province - Iran
373-2	Seyed Babak Musavi	Red- rumped Swallow	Jun-2007	Khaiiz - Khuzestan province - Iran
374-1	Magnus Ullman	Common House Martin	May-2009	Sweden
374-2	Magnus Ullman	Common House Martin	Jun-2007	Sweden
375-1	Seyed Babak Musavi	White Wagtail (Pied Wagtail)	Jan-2006	Bojnoord - Khorasan - Iran
375-2	Seyed Babak Musavi	White Wagtail (Pied Wagtail)	Jan-2006	Bojnoord - Khorasan - Iran
376-1	Seyed Babak Musavi	Citrine Wagtail (Yellow-headed Wagtail)	Oct-2008	Golul Sarani Protected Area - Khorasan - Iran
376-2	Seyed Babak Musavi	Citrine Wagtail (Yellow-headed Wagtail)	Oct-2008	Golul Sarani Protected Area - Khorasan - Iran
376-3	Seyed Babak Musavi	Citrine Wagtail (Yellow-headed Wagtail)	Oct-2008	Golul Sarani Protected Area - Khorasan - Iran
377-1	Seyed Babak Musavi	Yellow Wagtail	Jul-2009	Ghorigol Lake - Eastern Azarbaijan province - Iran
377-2	Seyed Babak Musavi	Yellow Wagtail	Oct-2005	Myankaleh Wetland - Mazandaran province - Iran
378-1	Seyed Babak Musavi	Grey Wagtail	Jun-2005	Zoshk - Khorasan - Iran
378-2	Seyed Babak Musavi	Grey Wagtail	Jun-2005	Zoshk - Khorasan - Iran
379-1	Magnus Ullman	Richard`s Pipit	Jan-2005	Sweden
379-2	Magnus Ullman	Richard`s Pipit	Jan-2005	Sweden
380-1	Seyed Babak Musavi	Tawny Pipit	May-2006	Salouk National Park - Khorasan - Iran
380-2	Seyed Babak Musavi	Tawny Pipit	May-2006	Salouk National Park - Khorasan - Iran
381-1	Seyed Babak Musavi	Long-billed Pipit	May-2007	Deh Bakri - Kerman province - Iran
381-2	Seyed Babak Musavi	Long-billed Pipit	Feb-2010	Khur-e-Jask - Hormozgan province - Iran
382-1	Magnus Ullman	Tree Pipit	Apr-2009	Jordan
382-2	Magnus Ullman	Tree Pipit	Apr-2010	Egypt
383-1	Stefan Hage	Olive-backed Pipit (Indian Tree Pipit)	Apr-2007	Stenåsabadet-Öland-Sweden
383-2	Stefan Hage	Olive-backed Pipit (Indian Tree Pipit)	Apr-2007	Stenåsabadet-Öland-Sweden
384-1	Magnus Ullman	Meadow Pipit	Mar-2010	Sweden
384-2	Magnus Ullman	Meadow Pipit	May-2007	Sweden
385-1	Seyed Babak Musavi	Red-throated Pipit	Mar-2008	Bandarabbas - Hormozgan province - Iran
385-2	Seyed Babak Musavi	Red-throated Pipit	Mar-2008	Bandarabbas - Hormozgan province - Iran
385-3	Seyed Babak Musavi	Red-throated Pipit	Mar-2008	Bandarabbas - Hormozgan province - Iran
386-1	Seyed Babak Musavi	Water Pipit	Jan-2005	Bazangan Lake - Khorasan - Iran
386-2	Seyed Babak Musavi	Water Pipit	Oct-2007	Bazangan Lake - Khorasan - Iran
387-1	Stefan Hage	Buff-bellied Pipit	Nov-2008	Årnäshalvöns - Nature Reserve - Halland - Sweden
387-2	Stefan Hage	Buff-bellied Pipit	Nov-2008	Årnäshalvöns - Nature Reserve - Halland - Sweden
388-1	Seyed Babak Musavi	White-eared Bulbul	Jun-2007	Khaiiz - Khuzestan province - Iran
388-2	Seyed Babak Musavi	White-eared Bulbul	Jun-2007	Khaiiz - Khuzestan province - Iran
389-1	Meisam Ghasemi	Red-vented Bulbul	Apr-2009	Kish Island - Iran
389-2	Meisam Ghasemi	Red-vented Bulbul	Apr-2009	Kish Island - Iran
390-1	Seyed Babak Musavi	Red-backed Shrike	May-2009	Maleh Galeh Protected Area - Fars province - Iran
390-2	Seyed Babak Musavi	Red-backed Shrike	May-2006	Bazangan Lake - Khorasan - Iran
391-1	Seyed Babak Musavi	Isabelline Shrike (Daurian Shrike)	Mar-2006	Nayband National Park - Bushehr province - Iran
391-2	Seyed Babak Musavi	Isabelline Shrike (Daurian Shrike)	Mar-2006	Nayband National Park - Bushehr province - Iran
392-1	Seyed Babak Musavi	Turkestan Shrike	Jun-2007	Salouk National Park - Khorasan - Iran
392-2	Alireza Hashemi	Turkestan Shrike	Sep-2008	Ghasre Bahram - Kavir National Park - Tehran province - Iran

338-2	Seyed Babak Musavi	European Roller	Apr-2009	Bazangan Lake - Khorasan - Iran
338-3	Seyed Babak Musavi	European Roller	Jun-2009	Khajeh Protected Area - Khorasan - Iran
339-1	Seyed Babak Musavi	Indian Roller	May-2008	Kahnooj - Kerman province - Iran
339-2	Seyed Babak Musavi	Indian Roller	May-2008	Kahnooj - Kerman province - Iran
340-1	Seyed Babak Musavi	Eurasian Hoopoe	Nov-2006	Sarakhs - Khorasan - Iran
340-2	Seyed Babak Musavi	Eurasian Hoopoe	Sep-2010	Kaniborazan Wetland - Mahabad - Western Azarbaijan province - Iran
341-1	Alireza Hashemi	Wryneck	May-2009	Jamshidieh Park - Tehran - Tehran province - Iran
341-2	Seyed Babak Musavi	Wryneck	Jun-2006	Golul Sarani Protected Area - Khorasan - Iran
342-1	Magnus Ullman	Black Woodpecker	Aug-2009	Sweden
342-2	Magnus Ullman	Black Woodpecker	Oct-2007	Sweden
343-1	Magnus Ullman	European Green Woodpecker	Jul-2010	Sweden
343-2	Magnus Ullman	European Green Woodpecker	Jun-2010	Sweden
344-1	Jaysukh Parekh Suman	Scaly-bellied Woodpecker	Dec-2007	Gulaba - Manali - Himachal - Pradesh - India
344-2	Jaysukh Parekh Suman	Scaly-bellied Woodpecker	Dec-2007	Gulaba - Manali - Himachal - Pradesh - India
345-1	Seyed Babak Musavi	Great Spotted Woodpecker	May-2007	Golestan National Park - Golestan province - Iran
345-2	Seyed Babak Musavi	Great Spotted Woodpecker	Oct-2008	Golestan National Park - Golestan province - Iran
346-1	Seyed Babak Musavi	Syrian Woodpecker	Apr-2008	Maleh Galeh Protected Area - Fars province - Iran
346-2	Seyed Babak Musavi	Syrian Woodpecker	Apr-2008	Maleh Galeh Protected Area - Fars province - Iran
347-1	Seyed Babak Musavi	Middle Spotted Woodpecker	Apr-2005	Kabir Kouh Protected Area - Ilam province - Iran
347-2	Seyed Babak Musavi	Middle Spotted Woodpecker	Apr-2005	Kabir Kouh Protected Area - Ilam province - Iran
348-1	Magnus Ullman	Lesser Spotted Woodpecker	Sep-2010	Sweden
348-2	Magnus Ullman	Lesser Spotted Woodpecker	Sep-2010	Sweden
349-1	Askar Isabekov	White-winged Spotted Woodpecker	Jun-2009	Bura - Southern Trans - Balkhash area - Alma Ata oblast - Kazakhstan
349-2	Askar Isabekov	White-winged Spotted Woodpecker	May-2010	Jelturanga - Lower current of Ile river - Alma Ata oblast - Kazakhstan
349-3	Askar Isabekov	White-winged Spotted Woodpecker	May-2010	Jelturanga - Lower current of Ile river - Alma Ata oblast - Kazakhstan
350-1	Seyed Babak Musavi	Sind Woodpecker	May-2007	Minab - Hormozgan province - Iran
350-2	Seyed Babak Musavi	Sind Woodpecker	May-2007	Minab - Hormozgan province - Iran
351-1	Seyed Babak Musavi	Eurasian Skylark	May-2006	Golul Sarani Protected Area - Khorasan - Iran
351-2	Seyed Babak Musavi	Eurasian Skylark	Apr-2009	Zanjan - Zanjan province - Iran
352-1	Jugal Tiwari	Oriental Skylark (Small Skylark)	May-2010	Basai - Delhi - India
353-1	Mohammad Tohidifar	Crested Lark	Oct-2008	Kavir National Park - Tehran province - Iran
353-2	Seyed Babak Musavi	Crested Lark	May-2009	Bam - Kerman province - Iran
354-1	Seyed Babak Musavi	Wood Lark (Woodlark)	Oct-2006	Ghamishloo Wildlife Refuge - Esfahan province - Iran
354-2	Seyed Babak Musavi	Wood Lark (Woodlark)	Oct-2006	Ghamishloo Wildlife Refuge - Esfahan province - Iran
355-1	Seyed Babak Musavi	Greater Short-toed Lark	Jun-2010	Shirahmad Protected Area - Khorasan - Iran
355-2	Seyed Babak Musavi	Greater Short-toed Lark	Jun-2010	Shirahmad Protected Area - Khorasan - Iran
356-1	Seyed Babak Musavi	Lesser Short-toed Lark	Nov-2009	Raiisi Protected Area - Khorasan - Iran
356-2	Seyed Babak Musavi	Lesser Short-toed Lark	Nov-2009	Raiisi Protected Area - Khorasan - Iran
357-1	Sharad Sridhar	Hume's Short-Toed Lark	Mar-2011	Tal Chapar WLS - Churu - Rajasthan - India
357-2	Sharad Sridhar	Hume's Short-Toed Lark	Mar-2011	Tal Chapar WLS - Churu - Rajasthan - India
358-1	Seyed Babak Musavi	Sand Lark (Indian Sand Lark)	Jan-2004	Khur-e-Khalasi - Hormozgan province - Iran
358-2	Seyed Babak Musavi	Sand Lark (Indian Sand Lark)	Jan-2004	Khur-e-Khalasi - Hormozgan province - Iran
359-1	Magnus Ullman	Black-crowned Sparrow-lark	Dec-2008	Oman
359-2	Magnus Ullman	Black-crowned Sparrow-lark	Dec-2008	Oman
360-1	Seyed Babak Musavi	Bar-tailed Desert Lark	Apr-2009	Touran Protected Area - Semnan province - Iran
360-2	Seyed Babak Musavi	Bar-tailed Desert Lark	Apr-2009	Touran Protected Area - Semnan province - Iran
361-1	Seyed Babak Musavi	Desert Lark	May-2008	Parvar Protected Area - Semnan province - Iran
361-2	Seyed Babak Musavi	Desert Lark	Jun-2009	Khabr National Park - Kerman province - Iran
362-1	Asghar Mohammadi Nasrabadi	Calandra Lark	Apr-2010	Meshkin Shahr - Ardebil - Ardebil province - Iran
362-2	Asghar Mohammadi Nasrabadi	Calandra Lark	Apr-2010	Meshkin Shahr - Ardebil - Ardebil province - Iran
363-1	Seyed Babak Musavi	Bimaculated Lark	Jun-2009	Khajeh Protected Area - Khorasan - Iran
363-2	Seyed Babak Musavi	Bimaculated Lark	May-2005	Tandureh National Park - Khorasan - Iran
364-1	Askar Isabekov	Black Lark	Feb-2006	Ulan region - Kazakhstan
364-2	Askar Isabekov	Black Lark	Feb-2006	Ulan region - Kazakhstan
365-1	Edwin WinKel	White-winged Lark	Jan-2009	Golestas province - Iran
365-2	Askar Isabekov	White-winged Lark	Jun-2006	Kogaly Lake - Jangala region - Kazakhstan

311-1	Alireza Hashemi	Common Cuckoo	May-2010	Bazangan Lake - Khorasan - Iran
311-2	Seyed Babak Musavi	Common Cuckoo	Apr-2009	Khajeh Protected Area - Khorasan - Iran
312-1	Magnus Ullman	Asian Koel (Common Koel)	Feb-2004	India
312-2	Seyed Babak Musavi	Asian Koel (Common Koel)	Jan-2011	Jask - Hormozgan province - Iran
313-1	Hor Mansouri Abdolmaleki	Barn Owl	Jan-2009	Myankaleh Wetland - Mazandaran province - Iran
313-2	Gholam Hossein Liaghatnezhad	Barn Owl	Jun-2006	Mond Protected Area - Bushehr province - Iran
314-1	Meisam Ghasemi	Pallid Scops Owl (Striated Scops Owl)	Sep-2010	Geno protected Area - Hormozgan province - Iran
314-2	Meisam Ghasemi	Pallid Scops Owl (Striated Scops Owl)	Sep-2010	Geno protected Area - Hormozgan province - Iran
315-1	Alireza Hashemi	European Scops Owl (Eurasian Scops Owl)	Apr-2008	Ashooradeh - Golestan province - Iran
315-2	Alireza Hashemi	European Scops Owl (Eurasian Scops Owl)	Jun-2010	Maraveh Tappe - Golestan province - Iran
316-1	Asghar Mohammadi Nasrabadi	Eurasian Eagle Owl	May-2010	Gharehsoo - Ardebil province - Iran
316-2	Seyed Babak Musavi	Eurasian Eagle Owl	Nov-2005	Mashhad - Khorasan - Iran
317-1	Seyed Babak Musavi	Brown Fish Owl	May-2004	Rud-e-Gaz - Hormozgan province - Iran
318-1	Dave Kutilek	Snowy Owl	Jun-2006	Webster Lake - St. Paul - Pribilof Islands - Alaska
318-2	Dave Kutilek	Snowy Owl	May-2006	Webster Lake - St. Paul - Pribilof Islands - Alaska
319-1	Edwin WinKel	Tawny Owl	Jan-2009	Golestan province - Iran
319-2	Alireza Hashemi	Tawny Owl	May-2011	Shirabad Road - Golestan province - Iran
320-1	Seyed Babak Musavi	Little Owl	Oct-2007	Sarakhs - Khorasan - Iran
320-2	Seyed Babak Musavi	Little Owl	Jan-2005	Sarakhs - Khorasan - Iran
321-1	Seyed Babak Musavi	Spotted Owlet (Spotted Little Owl)	Feb-2011	Minab - Hormozgan province - Iran
321-2	Seyed Babak Musavi	Spotted Owlet (Spotted Little Owl)	Jan-2011	Khur-e-Azini - Hormozgan province - Iran
322-1	Seyed Babak Musavi	Long-eared Owl	Mar-2009	Touyserkan - Hamedan province - Iran
322-2	Magnus Ullman	Long-eared Owl	May-2009	Sweden
322-3	Seyed Babak Musavi	Long-eared Owl	Oct-2009	Touyserkan - Hamedan province - Iran
323-1	Seyed Babak Musavi	Short-eared Owl	Mar-2005	Helleh Protected Area - Bushehr province - Iran
323-2	Seyed Babak Musavi	Short-eared Owl	Mar-2005	Helleh Protected Area - Bushehr province - Iran
324-1	Seyed Babak Musavi	European Nightjar	Jul-2005	Tandureh National Park - Khorasan - Iran
324-2	Farhad Tayefeh	European Nightjar	May-2010	Sarakhs - Khorasan - Iran
325-1	Seyed Babak Musavi	Egyptian Nightjar	Jun-2006	Mond Protected Area - Bushehr province - Iran
325-2	Seyed Babak Musavi	Egyptian Nightjar	May-2007	Bamdej Wetland - Khuzestan province - Iran
326-1	Roger and Liz Charlwood	Sykes`s Nightjar	Nov-2008	Little Rann of Kutch - Gujarat - India
326-2	Roger and Liz Charlwood	Sykes`s Nightjar	Nov-2008	Little Rann of Kutch - Gujarat - India
327-1	Jaysukh Parekh Suman	Indian Nightjar	Nov-2005	Keoladev National Park - Bharatpur - Rajasthan - India
327-2	Jaysukh Parekh Suman	Indian Nightjar	Nov-2005	Keoladev National Park - Bharatpur - Rajasthan - India
328-1	Magnus Ullman	Alpine Swift	Jun-2008	Georgia
328-2	Magnus Ullman	Alpine Swift	Jun-2008	Georgia
329-1	Magnus Ullman	Common Swift	Jul-2010	Sweden
329-2	Magnus Ullman	Common Swift	Jun-2010	Sweden
330-1	Mike Barth	Pallid Swift	Feb-2011	Ajban - Abu Dhabi - United Arab Emirates
330-2	Mike Barth	Pallid Swift	Feb-2011	Ajban - Abu Dhabi - United Arab Emirates
331-1	Stefan Hage	Little Swift	May-2011	Birecik - Turkey
331-2	Jan Ševčík	Little Swift	Dec-2001	Kruger National Park - South Africa
332-1	Seyed Babak Musavi	Common kingfisher	Jan-2009	Khur-e-Azini - Hormozgan province - Iran
332-2	Seyed Babak Musavi	Common kingfisher	Jan-2009	Khur-e-Azini - Hormozgan province - Iran
333-1	Alireza Hashemi	White-breasted Kingfisher (Smyrna)	Jan-2011	Shadegan Wetland - Khuzestan province - Iran
333-2	Seyed Babak Musavi	White-breasted Kingfisher (Smyrna)	Jan-2004	Sadd-e-Minab - Hormozgan province - Iran
333-3	Seyed Babak Musavi	White-breasted Kingfisher (Smyrna)	Jan-2004	Sadd-e-Minab - Hormozgan province - Iran
334-1	Seyed Babak Musavi	Pied Kingfisher	Mar-2006	Helleh Protected Area - Bushehr province - Iran
334-2	Seyed Babak Musavi	Pied Kingfisher	May-2005	Bamdej Wetland - Khuzestan province - Iran
335-1	Seyed Babak Musavi	Green Bee-eater (Little Green Bee-eater)	Apr-2010	Sadd-e-Minab - Hormozgan province - Iran
335-2	Seyed Babak Musavi	Green Bee-eater (Little Green Bee-eater)	Mar-2006	Nayband National Park - Bushehr province - Iran
336-1	Seyed Babak Musavi	Blue-cheeked Bee-eater (Persian Bee-eater)	Jun-2009	Shirahmad Protected Area - Khorasan - Iran
336-2	Seyed Babak Musavi	Blue-cheeked Bee-eater (Persian Bee-eater)	Jun-2009	Shirahmad Protected Area - Khorasan - Iran
337-1	Seyed Babak Musavi	European Bee-eater	May-2009	Ghorigol Lake - Eastern Azarbaijan province - Iran
337-2	Seyed Babak Musavi	European Bee-eater	Jun-2009	Raiisi Protected Area - Khorasan - Iran
338-1	Seyed Babak Musavi	European Roller	Oct-2010	Golestan National Park - Golestan province - Iran

283-2	Patrick Derennes	Sooty Tern	Jun-2010	Seychelles
283-3	Patrick Derennes	Sooty Tern	Jun-2010	Seychelles
284-1	Seyed Babak Musavi	Whiskered Tern	May-2007	Kaniborazan Wetland - Mahabad - Western Azarbaijan province - Iran
284-2	Mohammad Tohidifar	Whiskered Tern	Jun-2008	Meighan Wetland - Markazi province - Iran
284-3	Seyed Babak Musavi	Whiskered Tern	May-2007	Kaniborazan Wetland - Mahabad - Western Azarbaijan province - Iran
285-1	Seyed Babak Musavi	White-winged Tern (White-winged Black Tern)	May-2007	Kaniborazan Wetland - Mahabad - Western Azarbaijan province - Iran
285-2	Seyed Babak Musavi	White-winged Tern (White-winged Black Tern)	May-2008	Golul Sarani Protected Area - Khorasan - Iran
286-1	Magnus Ullman	Black Tern	Jun-2010	Sweden
287-1	Meisam Ghasemi	Brown Noddy (Common Noddy)	Jun-2011	Shidvar Wildlife Refuge - Hormozgan province - Iran
287-2	Meisam Ghasemi	Brown Noddy (Common Noddy)	Jun-2011	Shidvar Wildlife Refuge - Hormozgan province - Iran
288-1	Vinod Kumar Gupta	Indian Skimmer	Mar-2011	Chambal - India
288-2	Vinod Kumar Gupta	Indian Skimmer	Mar-2011	Chambal - India
289-1	Valery Dombrovsky	Pallas's Sandgrouse	May-2009	Betpak-Dala - Chimkent region - Kazakhstan
289-2	Gennadiy Dyakin	Pallas's Sandgrouse	Jul-2011	Altyn-Emel National Park - Almaty Region - Kazakhstan
289-3	Gennadiy Dyakin	Pallas's Sandgrouse	Aug-2010	Tarbagatay Mountains - Kazakhstan
290-1	Seyed Babak Musavi	Chestnut-bellied Sandgrouse	Jun-2010	Serah Vareskhan - Hormozgan province - Iran
290-2	Seyed Babak Musavi	Chestnut-bellied Sandgrouse	Jun-2010	Serah Vareskhan - Hormozgan province - Iran
291-1	Seyed Babak Musavi	Pin-tailed Sandgrouse	Jul-2011	Mond Protected Area - Bushehr province - Iran
291-2	Seyed Babak Musavi	Pin-tailed Sandgrouse	Jul-2011	Mond Protected Area - Bushehr province - Iran
292-1	Seyed Babak Musavi	Black-bellied Sandgrouse	Sep-2009	Shirahmad Protected Area - Khorasan - Iran
292-2	Seyed Babak Musavi	Black-bellied Sandgrouse	Sep-2009	Shirahmad Protected Area - Khorasan - Iran
293-1	Magnus Ullman	Spotted Sandgrouse	Nov-2010	Oman
293-2	Seyed Babak Musavi	Spotted Sandgrouse	Jun-2011	Tarom Protected Area - Hormozgan province - Iran
294-1	Seyed Babak Musavi	Lichtenstein's Sandgrouse	Mar-2010	Serah Vareskhan - Hormozgan province - Iran
294-2	Seyed Babak Musavi	Lichtenstein's Sandgrouse	Mar-2010	Serah Vareskhan - Hormozgan province - Iran
295-1	Seyed Babak Musavi	Crowned Sandgrouse (Coroneted Sandgrouse)	Mar-2010	Minab - Hormozgan province - Iran
295-2	Seyed Babak Musavi	Crowned Sandgrouse (Coroneted Sandgrouse)	Mar-2010	Minab - Hormozgan province - Iran
296-1	Seyed Babak Musavi	Common Wood Pigeon	Jul-2010	Khangormaz Protected Area - Hamedan province - Iran
296-2	Seyed Babak Musavi	Common Wood Pigeon	Jul-2010	Khangormaz Protected Area - Hamedan province - Iran
297-1	Seyed Babak Musavi	Rock Dove	Jan-2006	Gonbad-e-Kavous - Golestan province - Iran
297-2	Seyed Babak Musavi	Rock Dove	Mar-2006	Khark Island - Iran
298-1	Magnus Ullman	Stock Dove	Sep-2007	Sweden
298-2	Magnus Ullman	Stock Dove	Jun-2010	Sweden
299-1	Gennadiy Dyakin	Yellow-eyed Dove (Pale-backed Pigeon)	May-2010	Lower Ile River - Bakanas - Kazakhstan
299-2	Sergey Yeliseev	Yellow-eyed Dove (Pale-backed Pigeon)	May-2010	Akkol - Lower Ile River - Alma Ata oblast - Kazakhstan
300-1	Ken Havard	Namaqua Dove	Nov-2011	Abijatta - Shalla National Park - Ethiopia
300-2	Fran Tralalon	Namaqua Dove	Nov-2011	Ganab - Erongo Region - Namibia
301-1	Seyed Babak Musavi	Laughing Dove	Jun-2009	Geno Protected Area - Hormozgan province - Iran
301-2	Seyed Babak Musavi	Laughing Dove	Jun-2009	Geno Protected Area - Hormozgan province - Iran
302-1	Alain Fossé	Red turtle Dove (Red Collared Dove)	Feb-2007	Sam Roi Yot - Thailand
303-1	Seyed Babak Musavi	Eurasian Collared Dove	Mar-2010	Sadd-e-Minab - Hormozgan province - Iran
303-2	Seyed Babak Musavi	Eurasian Collared Dove	Mar-2010	Sadd-e-Minab - Hormozgan province - Iran
304-1	Jaysukh Parekh Suman	Oriental Turtle Dove (Rufous Turtle Dove)	Jan-2007	Sikkim - India
304-2	Aurélien Audevard	Oriental Turtle Dove (Rufous Turtle Dove)	Apr-2008	Daiekokusan-tō - Chōlla-namdo - South Korea
305-1	Seyed Babak Musavi	European Turtle Dove	May-2007	Borazjan - Bushehr province - Iran
305-2	Seyed Babak Musavi	European Turtle Dove	Jul-2011	Mond Protected Area - Bushehr province - Iran
306-1	Dorna mojab	Ring-necked parakeet	Oct-2011	Tehran - Tehran province - Iran
306-2	Seyed Babak Musavi	Ring-necked parakeet	Nov-2006	Mashhad - Khorasan - Iran
307-1	Alireza Hashemi	Alexandrine Parakeet	Jul-2009	Tehran - Tehran province - Iran
307-2	Alireza Eshtiaghi	Alexandrine Parakeet	Feb-2011	Karaj - Alborz province - Iran
308-1	Jules Fouarge	Great Spotted Cuckoo	Jun-2009	Herault - France
308-2	Jules Fouarge	Great Spotted Cuckoo	May-2005	Herault - France
308-3	Jean-Michel Fenerole	Great Spotted Cuckoo	Dec-2010	Nakuru - Rift Valley Province - Kenya
309-1	Meisam Ghasemi	Jacobin Cuckoo	Jul-2009	Kish Island - Iran
309-2	Meisam Ghasemi	Jacobin Cuckoo	Jul-2009	Kish Island - Iran
310-1	Michelle and Peter Wong	Oriental Cuckoo (Himalayan Cuckoo)	Sep-2004	On Po Chun - Hong Kong

256-1	Magnus Ullman	Long-tailed Skua	Sep-2010	Scotland
256-2	Magnus Ullman	Long-tailed Skua	Sep-2010	Scotland
257-1	Magnus Ullman	White-eyed Gull	Jan-2010	Egypt
257-2	Magnus Ullman	White-eyed Gull	Apr-2010	Egypt
258-1	Magnus Ullman	Sooty Gull (Hemprich's Gull)	Feb-2009	Oman
258-2	Magnus Ullman	Sooty Gull (Hemprich's Gull)	Dec-2008	Oman
259-1	Seyed Babak Musavi	Common Gull	Mar-2007	Boojagh National Park - Gilan province - Iran
259-2	Meisam Ghasemi	Common Gull	Feb-2011	Khur-e-Azini - Hormozgan province - Iran
260-1	Magnus Ullman	Great Black-backed Gull	Nov-2009	Sweden
260-2	Magnus Ullman	Great Black-backed Gull	Sep-2009	Sweden
261-1	Maryam Omidi	Armenian Gull	Jun-2011	Zayandeh Rud Dam - Esfahan province - Iran
261-2	Arash Yekdaneh	Armenian Gull	Jun-2011	Meighan Wetland - Markazi province - Iran
262-1	Seyed Babak Musavi	Caspian Gull	Jan-2009	Khur-e-Azini - Hormozgan province - Iran
262-2	Seyed Babak Musavi	Caspian Gull	Jan-2009	Khur-e-Azini - Hormozgan province - Iran
263-1	Seyed Babak Musavi	Lesser Black-backed Gull	Jan-2009	Khur-e-Meydani - Hormozgan province - Iran
264-1	Seyed Babak Musavi	Heuglin's Gull (Siberian Gull)	Jan-2009	Jask - Hormozgan province - Iran
264-2	Seyed Babak Musavi	Heuglin's Gull (Siberian Gull)	Jan-2009	Jask - Hormozgan province - Iran
265-1	Seyed Babak Musavi	Pallas's Gull (Great Black-headed Gull)	May-2010	Khur-e-Shilat - Hormozgan province - Iran
265-2	Seyed Babak Musavi	Pallas's Gull (Great Black-headed Gull)	Jan-2007	Sarakhs - Khorasan - Iran
265-3	Seyed Babak Musavi	Pallas's Gull (Great Black-headed Gull)	May-2010	Khur-e-Shilat - Hormozgan province - Iran
266-1	Arun P.Singh	Brown-headed Gull	Jun-2011	Pangongtso lake - Ladakh - India
266-2	Jugal Tiwari	Brown-headed Gull	Dec-2009	Kutch - Gujarat - India
266-3	Arun P.Singh	Brown-headed Gull	Jun-2011	Pangongtso lake - Ladakh - India
267-1	Seyed Babak Musavi	Black-headed Gull	Oct-2008	Kaniborazan Wetland - Mahabad - Western Azarbaijan province - Iran
267-2	Seyed Babak Musavi	Black-headed Gull	Oct-2008	Kaniborazan Wetland - Mahabad - Western Azarbaijan province - Iran
268-1	Seyed Babak Musavi	Slender-billed Gull	Jan-2010	Khur-e-Kuhmobarak - Hormozgan province - Iran
268-2	Seyed Babak Musavi	Slender-billed Gull	Jan-2010	Khur-e-Kuhmobarak - Hormozgan province - Iran
269-1	Magnus Ullman	Mediterranean Gull	Mar-2007	Sweden
270-1	Seyed Babak Musavi	Little Gull	Nov-2006	Gomishan Wetland - Mazandaran province - Iran
270-2	Seyed Babak Musavi	Little Gull	Nov-2006	Gomishan Wetland - Mazandaran province - Iran
271-1	Magnus Ullman	Black-legged Kittiwake	Oct-2009	Sweden
271-2	Magnus Ullman	Black-legged Kittiwake	Oct-2009	Sweden
272-1	Seyed Babak Musavi	Gull-billed Tern	Jul-2007	Kaniborazan Wetland - Mahabad - Western Azarbaijan province - Iran
272-2	Seyed Babak Musavi	Gull-billed Tern	Jan-2009	Khur-e-Soorgalm - Hormozgan province - Iran
272-3	Seyed Babak Musavi	Gull-billed Tern	Jan-2009	Khur-e-Soorgalm - Hormozgan province - Iran
273-1	Seyed Babak Musavi	Caspian Tern	Jan-2009	Khur-e-Soorgalm - Hormozgan province - Iran
273-2	Seyed Babak Musavi	Caspian Tern	Jan-2009	Khur-e-Soorgalm - Hormozgan province - Iran
274-1	Jaysukh Parekh Suman	River Tern (Indian River Tern)	Jan-2010	Bhuj - Kutch - Gujarat - India
274-2	Jaysukh Parekh Suman	River Tern (Indian River Tern)	Dec-2010	Bhuj - Kutch - Gujarat - India
275-1	Seyed Babak Musavi	Lesser Crested Tern	Jul-2008	Nikhiloo Island - Iran
275-2	Seyed Babak Musavi	Lesser Crested Tern	Jul-2008	Nikhiloo Island - Iran
276-1	Seyed Babak Musavi	Greater Crested Tern (Swift Tern)	Jul-2008	Nikhiloo Island - Iran
276-2	Seyed Babak Musavi	Greater Crested Tern (Swift Tern)	Jul-2008	Nikhiloo Island - Iran
277-1	Seyed Babak Musavi	Sandwich Tern	Jan-2009	Nikhiloo Island - Iran
277-2	Seyed Babak Musavi	Sandwich Tern	Jan-2009	Khur-e-Khalasi - Hormozgan province - Iran
278-1	Alireza Hashemi	Common Tern	Sep-2010	Gomishan Wetland - Mazandaran province - Iran
278-2	Seyed Babak Musavi	Common Tern	May-2007	Touran Protected Area - Semnan province - Iran
279-1	Magnus Ullman	Little Tern	Apr-2010	Egypt
279-2	Magnus Ullman	Little Tern	Apr-2010	Egypt
280-1	Seyed Babak Musavi	Saunders's Tern (Saunders's Little Tern)	Mar-2010	Khur-e-Azini - Hormozgan province - Iran
280-2	Seyed Babak Musavi	Saunders's Tern (Saunders's Little Tern)	Mar-2010	Khur-e-Azini - Hormozgan province - Iran
281-1	Meisam Ghasemi	White-cheeked Tern	Jul-2010	Shidvar Wildlife Refuge - Hormozgan province - Iran
281-2	Meisam Ghasemi	White-cheeked Tern	Jun-2010	Shidvar Wildlife Refuge - Hormozgan province - Iran
282-1	Seyed Babak Musavi	Bridled Tern	Jul-2008	Nikhiloo Island - Iran
282-2	Seyed Babak Musavi	Bridled Tern	Jul-2008	Nikhiloo Island - Iran
283-1	Patrick Derennes	Sooty Tern	Jun-2010	Seychelles

227-2	Seyed Babak Musavi	Broad-billed Sandpiper	Jan-2009	Khur-e-Meydani - Hormozgan province - Iran
228-1	Jafar Gholami	Ruff	Apr-2009	Shirinsoo wetland - Kabudar Ahang - Hamedan province - Iran
228-2	Seyed Babak Musavi	Ruff	Jul-2009	Ghorigol Lake - Eastern Azarbaijan province - Iran
229-1	Seyed Babak Musavi	Ruddy Turnstone	Jan-2009	Khur-e-Soorgalm - Hormozgan province - Iran
229-2	Seyed Babak Musavi	Ruddy Turnstone	Jan-2009	Khur-e-Soorgalm - Hormozgan province - Iran
230-1	Seyed Babak Musavi	Common Sandpiper	Jul-2008	Ghorigol Lake - Eastern Azarbaijan province - Iran
230-2	Seyed Babak Musavi	Common Sandpiper	Jul-2008	Ghorigol Lake - Eastern Azarbaijan province - Iran
231-1	Seyed Babak Musavi	Terek Sandpiper	Jan-2009	Khur-e-Azini - Hormozgan province - Iran
231-2	Seyed Babak Musavi	Terek Sandpiper	Jan-2009	Khur-e-Azini - Hormozgan province - Iran
232-1	Magnus Ullman	Greater Painted Snipe	Feb-2004	India
233-1	Behin Nazem Arya	Eurasian Woodcock	Jan-2008	Zayandeh Rud - Esfahan province - Iran
233-2	Behin Nazem Arya	Eurasian Woodcock	Jan-2008	Zayandeh Rud - Esfahan province - Iran
234-1	Jyotendra Thakuri	Solitary Snipe	Feb-2010	Muktinath Temple - Annapurna Conservation Area - Nepal
234-2	Askar Isabekov	Solitary Snipe	Jan-2009	Big Almaty Lake - Ile-Alatau National Park - Kazakhstan
235-1	Aurélien Audevard	Pin-tailed Snipe (Pintail Snipe)	Apr-2008	Daiekokusan-tō - Chōlla-namdo - South Korea
236-1	Magnus Ullman	Great Snipe	Jun-2008	Sweden
236-2	Stefan Hage	Great Snipe	Jun-2009	Klimpfjäll - Lappland - Sweden
236-3	Stefan Hage	Great Snipe	Jun-2009	Klimpfjäll - Lappland - Sweden
237-1	Seyed Babak Musavi	Common Snipe	Oct-2008	Sarakhs - Khorasan - Iran
237-2	Seyed Babak Musavi	Common Snipe	Oct-2008	Sarakhs - Khorasan - Iran
238-1	Stefan Hage	Jack Snipe	Oct-2003	Fågelstationen - Getterön - Halland - Sweden
238-2	Stefan Hage	Jack Snipe	Sep-2010	Dammen - Getterön - Halland - Sweden
239-1	Seyed Babak Musavi	Black-tailed Godwit	Jan-2009	Khur-e-Tiab - Hormozgan province - Iran
239-2	Seyed Babak Musavi	Black-tailed Godwit	Jan-2009	Khur-e-Tiab - Hormozgan province - Iran
240-1	Seyed Babak Musavi	Bar-tailed Godwit	Jan-2009	Khur-e-Tiab - Hormozgan province - Iran
240-2	Seyed Babak Musavi	Bar-tailed Godwit	Jan-2009	Khur-e-Tiab - Hormozgan province - Iran
241-1	Seyed Babak Musavi	Whimbrel	Jan-2009	Jask - Hormozgan province - Iran
241-2	Seyed Babak Musavi	Whimbrel	Jan-2009	Jask - Hormozgan province - Iran
242-1	Richard Porter	Slender-billed Curlew	Jan-1984	Yemen
242-2	Chris Gomersall	Slender-billed Curlew	Jun-1995	Morocco
243-1	Seyed Babak Musavi	Eurasian Curlew	Jan-2009	Khur-e-Tiab - Hormozgan province - Iran
243-2	Seyed Babak Musavi	Eurasian Curlew	Mar-2010	Khur-e-Azini - Hormozgan province - Iran
244-1	Barry Heinrich	Far Eastern Curlew (Eastern Curlew)	Aug-2009	Republic of Korea
244-2	Barry Heinrich	Far Eastern Curlew (Eastern Curlew)	Sep-2010	Republic of Korea
245-1	Alireza Hashemi	Spotted Redshank	Oct-2010	Gomishan Wetland - Golestan province - Iran
245-2	Alireza Hashemi	Spotted Redshank	Oct-2010	Gomishan Wetland - Golestan province - Iran
246-1	Seyed Babak Musavi	Common Redshank	Nov-2007	Nayband National Park - Bushehr province - Iran
246-2	Seyed Babak Musavi	Common Redshank	Nov-2007	Nayband National Park - Bushehr province - Iran
247-1	Seyed Babak Musavi	Marsh Sandpiper	Jan-2009	Khur-e-Azini - Hormozgan province - Iran
247-2	Seyed Babak Musavi	Marsh Sandpiper	Jan-2009	Khur-e-Azini - Hormozgan province - Iran
248-1	Seyed Babak Musavi	Common Greenshank	Jan-2009	Khur-e-Tiab - Hormozgan province - Iran
248-2	Seyed Babak Musavi	Common Greenshank	Jan-2009	Khur-e-Tiab - Hormozgan province - Iran
249-1	Seyed Babak Musavi	Green Sandpiper	Jul-2008	Ghorigol Lake - Eastern Azarbaijan province - Iran
249-2	Seyed Babak Musavi	Green Sandpiper	Jul-2008	Ghorigol Lake - Eastern Azarbaijan province - Iran
250-1	Seyed Babak Musavi	Wood Sandpiper	Jul-2010	Shirinsou Dam - Zanjan province - Iran
250-2	Seyed Babak Musavi	Wood Sandpiper	Jul-2010	Shirinsou Dam - Zanjan province - Iran
251-1	Seyed Babak Musavi	Red-necked Phalarope	Oct-2008	Gomishan Wetland - Mazandaran province - Iran
251-2	Seyed Babak Musavi	Red-necked Phalarope	May-2008	Gharchagheh Protected Area - Khorasan - Iran
252-1	Stefan Hage	Red Phalarope (Grey Phalarope)	Sep-2007	Liseder - Falkenberg - Halland - Sweden
252-2	Magnus Ullman	Red Phalarope (Grey Phalarope)	Nov-2008	Sweden
253-1	Magnus Ullman	Brown/South Polar Skua	Aug-2009	Scotland
253-2	Magnus Ullman	Brown/South Polar Skua	Aug-2009	Scotland
254-1	Meisam Ghasemi	Pomarine Skua	Jan-2009	Gabrik protected Area - Hormozgan province - Iran
254-2	Seyed Babak Musavi	Pomarine Skua	Jan-2010	Khur-e-Meydani - Hormozgan province - Iran
255-1	Magnus Ullman	Arctic Skua	Aug-2009	Scotland
255-2	Magnus Ullman	Arctic Skua	Aug-2009	Scotland

200-1	Magnus Ullman	Small Pratincole (Little Pratincole)	Nov-2008	Oman
201-1	Abbas Ashoori	Black-winged Pratincole	Sep-2008	Bujagh National Park -Guilan province - Iran
201-2	Abbas Ashoori	Black-winged Pratincole	Sep-2008	Bujagh National Park -Guilan province - Iran
202-1	Mohammad Tohidifar	Collared Pratincole	Jun-2008	Meighan Wetland - Markazi province - Iran
202-2	Seyed Babak Musavi	Collared Pratincole	Jun-2011	Bamdej Wetland - Khuzestan province - Iran
203-1	Aurélien Audevard	Oriental Pratincole	May-2009	Heuksan Do - South Korea
203-2	Aurélien Audevard	Oriental Pratincole	May-2009	Heuksan Do - South Korea
204-1	Seyed Babak Musavi	Northern Lapwing	Jan-2006	Gonbad-e-Kavous - Golestan province - Iran
204-2	Seyed Babak Musavi	Northern Lapwing	Jan-2006	Gonbad-e-Kavous - Golestan province - Iran
205-1	Mohammad Tohidifar	White-tailed Lapwing (White-tailed Plover)	May-2010	Ghalenow wetland - Tehran province - Iran
205-2	Alireza Hashemi	White-tailed Lapwing (White-tailed Plover)	Jun-2010	Kaniborazan Wetland - Mahabad - Western Azarbaijan province - Iran
205-3	Seyed Babak Musavi	White-tailed Lapwing (White-tailed Plover)	May-2006	Sarakhs - Khorasan - Iran
206-1	Seyed Babak Musavi	Spur-winged Lapwing (Spur-winged Plover)	Jun-2008	Kaniborazan Wetland - Mahabad - Western Azarbaijan province - Iran
206-2	Alireza Hashemi	Spur-winged Lapwing (Spur-winged Plover)	Mar-2008	Kaniborazan Wetland - Mahabad - Western Azarbaijan province - Iran
206-3	Seyed Babak Musavi	Spur-winged Lapwing (Spur-winged Plover)	Jun-2008	Kaniborazan Wetland - Mahabad - Western Azarbaijan province - Iran
207-1	Seyed Babak Musavi	Red-wattled Lapwing	Jan-2009	Rud-e-Jegin - Hormozgan province - Iran
207-2	Seyed Babak Musavi	Red-wattled Lapwing	Jan-2009	Rud-e-Jegin - Hormozgan province - Iran
208-1	Seyed Babak Musavi	Sociable Lapwing (Sociable Plover)	Oct-2010	Sarakhs - Khorasan - Iran
208-2	Seyed Babak Musavi	Sociable Lapwing (Sociable Plover)	Oct-2010	Sarakhs - Khorasan - Iran
209-1	Seyed Babak Musavi	Grey Plover (Black-bellied Plover)	Jan-2010	Khur-e-Khalasi - Hormozgan province - Iran
209-2	Seyed Babak Musavi	Grey Plover (Black-bellied Plover)	Jan-2010	Khur-e-Khalasi - Hormozgan province - Iran
210-1	Seyed Babak Musavi	Pacific Golden Plover	Mar-2006	Bushehr - Bushehr province - Iran
210-2	Meisam Ghasemi	Pacific Golden Plover	Jan-2011	Harra protected Area - Hormozgan province - Iran
211-1	Mahmood Kolnegari	Eurasian Golden Plover (European Golden Plover)	Dec-2014	Meighan Wetland - Markazi province - Iran
211-2	Abbas Ashoori	Eurasian Golden Plover (European Golden Plover)	Apr-2010	Bujagh National Park - Guilan province - Iran
212-1	Frédéric Pelsy	Eurasian Dotterel	Aug-2009	Conan - Loir et Cher - France
212-2	Aurélien Audevard	Eurasian Dotterel	May-2005	Kadoran - Ouessant - France
213-1	Magnus Ullman	Caspian Plover	Feb-2004	India
213-2	Farhad Razavi	Caspian Plover	Mar-2011	Meighan Wetland - Markazi province - Iran
214-1	Seyed Babak Musavi	Common Ringed Plover	Jun-2010	Jask - Hormozgan province - Iran
214-2	Seyed Babak Musavi	Common Ringed Plover	Jun-2010	Jask - Hormozgan province - Iran
215-1	Seyed Babak Musavi	Little Ringed Plover	Jul-2010	Ghorigol Lake - Eastern Azarbaijan province - Iran
215-2	Seyed Babak Musavi	Little Ringed Plover	Jul-2010	Ghorigol Lake - Eastern Azarbaijan province - Iran
216-1	Seyed Babak Musavi	Greater Sand Plover	Jan-2009	Khur-e-Jask Markazi - Hormozgan province - Iran
216-2	Seyed Babak Musavi	Greater Sand Plover	Jan-2009	Khur-e-Jask Markazi - Hormozgan province - Iran
217-1	Seyed Babak Musavi	Lesser Sand Plover (Mongolian Plover)	Jan-2009	Khur-e-Soorgalm - Hormozgan province - Iran
217-2	Seyed Babak Musavi	Lesser Sand Plover (Mongolian Plover)	Jan-2009	Khur-e-Soorgalm - Hormozgan province - Iran
218-1	Seyed Babak Musavi	Kentish Plover (Snowy Plover)	Jan-2005	Khur-e-Jask Markazi - Hormozgan province - Iran
218-2	Seyed Babak Musavi	Kentish Plover (Snowy Plover)	Mar-2006	Nayband National Park - Bushehr province - Iran
219-1	Aurélien Audevard	Red-necked Stint	Apr-2008	Heuksan Do - South Korea
219-2	Aurélien Audevard	Red-necked Stint	Apr-2008	Heuksan Do - South Korea
220-1	Seyed Babak Musavi	Sanderling	Jan-2009	Jask - Hormozgan province - Iran
220-2	Seyed Babak Musavi	Sanderling	Jan-2009	Jask - Hormozgan province - Iran
221-1	Seyed Babak Musavi	Little Stint	Jan-2009	Minab - Hormozgan province - Iran
221-2	Seyed Babak Musavi	Little Stint	Jan-2009	Minab - Hormozgan province - Iran
222-1	Seyed Babak Musavi	Curlew Sandpiper	Jan-2010	Khur-e-Kuhmobarak - Hormozgan province - Iran
222-2	Seyed Babak Musavi	Curlew Sandpiper	Jan-2010	Khur-e-Kuhmobarak - Hormozgan province - Iran
223-1	Seyed Babak Musavi	Dunlin	Jan-2009	Jask - Hormozgan province - Iran
223-2	Seyed Babak Musavi	Dunlin	Jan-2009	Jask - Hormozgan province - Iran
224-1	Seyed Babak Musavi	Temminck's Stint	Jan-2009	Minab - Hormozgan province - Iran
224-2	Seyed Babak Musavi	Temminck's Stint	Jan-2009	Minab - Hormozgan province - Iran
225-1	Magnus Ullman	Red Knot	Sep-2007	Sweden
225-2	Magnus Ullman	Red Knot	Jul-2009	Sweden
226-1	Seyed Babak Musavi	Great Knot	Jan-2010	Khur-e-Azini - Hormozgan province - Iran
226-2	Seyed Babak Musavi	Great Knot	Jan-2010	Khur-e-Azini - Hormozgan province - Iran
227-1	Seyed Babak Musavi	Broad-billed Sandpiper	Jan-2009	Khur-e-Meydani - Hormozgan province - Iran

172-2	Seyed Babak Musavi	Chukar	Oct-2007	Ghamishloo Wildlife Refuge - Esfahan province - Iran
173-1	Seyed Babak Musavi	Grey Francolin	Jan-2005	Gabrik protected Area - Hormozgan province - Iran
173-2	Seyed Babak Musavi	Grey Francolin	Jan-2005	Gabrik protected Area - Hormozgan province - Iran
174-1	Seyed Babak Musavi	Black Francolin	Apr-2006	Mehroueyeh Protected Area - Kerman province - Iran
174-2	Seyed Babak Musavi	Black Francolin	Apr-2006	Mehroueyeh Protected Area - Kerman province - Iran
175-1	Seyed Babak Musavi	Grey Partridge (Common Partridge)	Sep-2010	Bookan - Western Azarbaijan province - Iran
175-2	Seyed Babak Musavi	Grey Partridge (Common Partridge)	Sep-2010	Bookan - Western Azarbaijan province - Iran
176-1	Seyed Babak Musavi	Common Quail	Jul-2011	Tarom Protected Area - Hormozgan province - Iran
176-2	Hossein Eslahi	Common Quail	May-2007	Ghoochan - Khorasan - Iran
177-1	Seyed Babak Musavi	Common Pheasant	Sep-2005	Sarakhs - Khorasan - Iran
177-2	Seyed Babak Musavi	Common Pheasant	Sep-2005	Sarakhs - Khorasan - Iran
178-1	Manoj Sharma	Small Bottonquail (Andalusian Hemipode)	Jun-2010	Dhikala Grassland - Corbett National Park - Uttarakhand - India
178-2	Manoj Sharma	Small Bottonquail (Andalusian Hemipode)	Jun-2010	Dhikala Grassland - Corbett National Park - Uttarakhand - India
179-1	Seyed Babak Musavi	Demoiselle Crane	Apr-2010	Bookan - Western Azarbaijan province - Iran
179-2	Seyed Babak Musavi	Demoiselle Crane	Apr-2010	Bookan - Western Azarbaijan province - Iran
180-1	Farhad Razavi	Siberian Crane	Dec-2011	Fereydun Kenar - Mazandaran province - Iran
180-2	Seyed Babak Musavi	Siberian Crane	Feb-2008	Fereydun Kenar - Mazandaran province - Iran
181-1	Magnus Ullman	Common Crane	Mar-2007	Sweden
181-2	Magnus Ullman	Common Crane	Feb-2009	Oman
182-1	Amir Reza Borhani	Water Rail	Aug-2011	Ghorigol Lake - Eastern Azarbaijan province - Iran
182-2	Alireza Hashemi	Water Rail	Dec-2010	Ghareh Gheshlagh wetland - Eastern Azarbaijan province - Iran
183-1	Abbas Ashoori	Corncrake (Corn Crake)	Sep-2007	Amlash - Guilan province - Iran
183-2	Abbas Ashoori	Corncrake (Corn Crake)	Sep-2007	Amlash - Guilan province - Iran
184-1	Abbas Ashoori	Little Crake	Oct-2008	Rasht - Guilan province - Iran
184-2	Abbas Ashoori	Little Crake	Oct-2008	Rasht - Guilan province - Iran
185-1	Meisam Ghasemi	Baillon`s Crake	Sep-2007	Rud-e-Kol - Hormozgan province - Iran
185-2	Meisam Ghasemi	Baillon`s Crake	Sep-2007	Rud-e-Kol - Hormozgan province - Iran
186-1	Abbas Ashoori	Spotted Crake	Oct-2008	Lahijan - Guilan province - Iran
187-1	Alireza Hashemi	Purple Swamphen (Purple Gallinule)	Jan-2011	Shadegan Wetland - Hormozgan province - Iran
187-2	Seyed Babak Musavi	Purple Swamphen (Purple Gallinule)	Mar-2006	Selkeh Protected Area - Gilan province - Iran
187-3	Seyed Babak Musavi	Purple Swamphen (Purple Gallinule)	Mar-2006	Selkeh Protected Area - Gilan province - Iran
188-1	Seyed Babak Musavi	Common Moorhen	Jul-2008	Ghorigol Lake - Eastern Azarbaijan province - Iran
188-2	Seyed Babak Musavi	Common Moorhen	Jul-2008	Ghorigol Lake - Eastern Azarbaijan province - Iran
189-1	Seyed Babak Musavi	Eurasian Coot (Common Coot)	Jul-2008	Ghorigol Lake - Eastern Azarbaijan province - Iran
189-2	Seyed Babak Musavi	Eurasian Coot (Common Coot)	Jul-2008	Ghorigol Lake - Eastern Azarbaijan province - Iran
190-1	Seyed Babak Musavi	Little Bustard	Dec-2011	Sarakhs - Khorasan - Iran
190-2	Alain Fossé	Little Bustard	May-2003	Montreuil - Bellay - Maine-et-Loire - France
191-1	Seyed Babak Musavi	Great Bustard	Sep-2010	Bookan - Western Azarbaijan province - Iran
191-2	Seyed Babak Musavi	Great Bustard	Sep-2010	Bookan - Western Azarbaijan province - Iran
192-1	Seyed Babak Musavi	Bustard Macqueenii	Jul-2005	Shirahmad Protected Area - Khorasan - Iran
192-2	Seyed Babak Musavi	Bustard Macqueenii	Sep-2007	Myandasht Protected Area - Khorasan - Iran
193-1	Seyed Babak Musavi	Crab Plover	Mar-2006	Khur-e-Khuran Protected Area - Hormozgan province - Iran
193-2	Seyed Babak Musavi	Crab Plover	Jul-2006	Omolkorm Island - Mond Protected Area - Bushehr province - Iran
194-1	Alireza Hashemi	Eurasian Oystercatcher	Feb-2010	Khur-e-Azini - Hormozgan province - Iran
194-2	Seyed Babak Musavi	Eurasian Oystercatcher	Jan-2010	Khur-e-Soorgalm - Hormozgan province - Iran
195-1	Seyed Babak Musavi	Black-winged Stilt	May-2008	Kaniborazan Wetland - Mahabad - Western Azarbaijan province - Iran
195-2	Seyed Babak Musavi	Black-winged Stilt	Jul-2008	Kaniborazan Wetland - Mahabad - Western Azarbaijan province - Iran
195-3	Seyed Babak Musavi	Black-winged Stilt	Jul-2008	Kaniborazan Wetland - Mahabad - Western Azarbaijan province - Iran
196-1	Seyed Babak Musavi	Pied Avocet	Dec-2009	Khur-e-Azini - Hormozgan province - Iran
196-2	Meisam Ghasemi	Pied Avocet	Jan-2011	Khur-e-Azini - Hormozgan province - Iran
197-1	Ali Khani	Stone Curlew (Eurasian Thick-knee)	Jun-2009	Shirahmad Protected Area - Khorasan - Iran
197-2	Ali Khani	Stone Curlew (Eurasian Thick-knee)	Jun-2009	Shirahmad Protected Area - Khorasan - Iran
198-1	Seyed Babak Musavi	Great Thick-knee(Great Stone Plover)	May-2007	Khur-e-Tiab - Hormozgan province - Iran
198-2	Seyed Babak Musavi	Great Thick-knee(Great Stone Plover)	May-2007	Khur-e-Tiab - Hormozgan province - Iran
199-1	Seyed Babak Musavi	Cream-coloured Courser	Jul-2006	Shirahmad Protected Area - Khorasan - Iran
199-2	Seyed Babak Musavi	Cream-coloured Courser	Jun-2006	Sarakhs - Khorasan - Iran

145-2	Yann Muzika	Upland Buzzard	Jun-2007	Maduo - Qinghai - China
146-1	Magnus Ullman	Rough-legged Buzzard	Oct-2010	Sweden
146-2	Magnus Ullman	Rough-legged Buzzard	Oct-2010	Sweden
147-1	Seyed Babak Musavi	Long-legged Buzzard	Jan-2009	Jask - Hormozgan province - Iran
147-2	Seyed Babak Musavi	Long-legged Buzzard	Jan-2006	Sarakhs - Khorasan - Iran
148-1	Seyed Babak Musavi	Common Buzzard	Mar-2007	Helleh Protected Area - Bushehr province - Iran
148-2	Seyed Babak Musavi	Common Buzzard	Apr-2007	Golestan National Park - Golestan province - Iran
149-1	Alireza Hashemi	European Honey Buzzard	May-2010	Golestan National Park - Golestan province - Iran
150-1	Seyed Babak Musavi	Crested Honey Buzzard	Jan-2011	Sirik - Hormozgan province - Iran
150-2	Meisam Ghasemi	Crested Honey Buzzard	Apr-2009	Kish Island - Iran
150-3	Seyed Babak Musavi	Crested Honey Buzzard	Jun-2008	Minab - Hormozgan province - Iran
151-1	Jaysukh Parekh Suman	White-eyed Buzzard (White-eyed Buzzard-Eagle)	Jan-2008	Jatawada - Kutch - Gujarat - India
151-2	Jaysukh Parekh Suman	White-eyed Buzzard (White-eyed Buzzard-Eagle)	Jan-2008	Jatawada - Kutch - Gujarat - India
152-1	Alireza Hashemi	Eurasian Sparrowhawk	Aug-2008	Parvar Protected Area - Semnan province - Iran
152-2	Alireza Hashemi	Eurasian Sparrowhawk	Aug-2008	Parvar Protected Area - Semnan province - Iran
153-1	Magnus Ullman	Levant Sparrowhawk	Oct-2010	Egypt
153-2	Magnus Ullman	Levant Sparrowhawk	Oct-2010	Egypt
154-1	Magnus Ullman	Northern Goshawk	Oct-2008	Sweden
154-2	Magnus Ullman	Northern Goshawk	Feb-2008	Norway
155-1	Seyed Babak Musavi	Shikra	Feb-2011	Khur-e-Azini - Hormozgan province - Iran
155-2	Seyed Babak Musavi	Shikra	May-2007	Myankaleh Wetland - Mazandaran province - Iran
155-3	Seyed Babak Musavi	Shikra	May-2007	Myankaleh Wetland - Mazandaran province - Iran
156-1	Seyed Babak Musavi	Common Kestrel (Eurasian Kestrel)	May-2009	Bazangan Lake - Khorasan - Iran
156-2	Seyed Babak Musavi	Common Kestrel (Eurasian Kestrel)	May-2009	Bazangan Lake - Khorasan - Iran
156-3	Seyed Babak Musavi	Common Kestrel (Eurasian Kestrel)	Jun-2005	Rig-e-Sepid - Shahr-e-Babak - Kerman province - Iran
157-1	Mohammad Pourhedayat	Lesser Kestrel	Mar-2011	Soleghan wetland - Shahrekord - Chahar Mahalo Bakhtiari province - Iran
158-1	Jaysukh Parekh Suman	Red-necked Falcon (Red-headed Merlin)	Dec-2007	Rapar - Vagad - Kutch - Gujarat - India
158-2	Jaysukh Parekh Suman	Red-necked Falcon (Red-headed Merlin)	Dec-2007	Rapar - Vagad - Kutch - Gujarat - India
159-1	Magnus Ullman	Red-footed Falcon	May-2006	Sweden
159-2	Magnus Ullman	Red-footed Falcon	Aug-2009	Sweden
160-1	Mohammad Sadegh Farhadinia	Sooty Falcon	Aug-2010	Tabas - Yazd province - Iran
160-2	Mohammad Sadegh Farhadinia	Sooty Falcon	Aug-2010	Tabas - Yazd province - Iran
161-1	Abbas Ashoori	Merlin	Oct-2010	Bujagh National Park - Guilan province - Iran
161-2	Mahmood Kolnegari	Merlin	Nov-2012	Meighan Wetland - Markazi province - Iran
162-1	Marrtin Pieter Lantsheer	Amur Falcon	Jan-2009	Sistan-Baluchestan province - Iran
163-1	Seyed Babak Musavi	Eurasian Hobby	Jun-2006	Heydari Protected Area - Khorasan - Iran
163-2	Seyed Babak Musavi	Eurasian Hobby	Jun-2006	Heydari Protected Area - Khorasan - Iran
164-1	Saeed Rahnavardan	Lanner Falcon	May-2012	In captivity - Tehran - Iran
164-2	Saeed Rahnavardan	Lanner Falcon	Jul-2012	In captivity - Tehran - Iran
165-1	Saeed Rahnavardan	Laggar Falcon	May-2012	In captivity - Tehran - Iran
165-2	Saeed Rahnavardan	Laggar Falcon	May-2012	In captivity - Tehran - Iran
166-1	Hamid Nahidifar	Saker Falcon	May-2013	Tehran - Iran
166-2	Saeed Rahnavardan	Saker Falcon	Nov-2011	In captivity - Tehran - Iran
167-1	Saeed Rahnavardan	Peregrine Falcon	Aug-2014	In captivity - Tehran - Iran
167-2	Seyed Babak Musavi	Peregrine Falcon	Mar-2009	Khur-e-Tiab - Hormozgan province - Iran
168-1	Saeed Rahnavardan	Barbary Falcon	Aug-2014	In captivity - Tehran - Iran
168-2	Saeed Rahnavardan	Barbary Falcon	Aug-2014	In captivity - Tehran - Iran
169-1	Ümit Öztürk	Caucasian Grouse (Caucasian Black Grouse)	Jun-2008	Sivrikaya - Turkey
169-2	Riyat GUL	Caucasian Grouse (Caucasian Black Grouse)	Oct-2008	Ardahan - Turkey
170-1	Seyed Babak Musavi	See-see Partridge	May-2009	Khajeh Protected Area - Khorasan - Iran
170-2	Seyed Babak Musavi	See-see Partridge	Jul-2006	Khahr national park in Kerman province - Iran
171-1	Yasamin Yusefi	Caspian Snowcock	Apr-2008	In captivity - Tehran - Tehran province - Iran
171-2	Yasamin Yusefi	Caspian Snowcock	Apr-2008	In captivity - Tehran - Tehran province - Iran
172-1	Seyed Babak Musavi	Chukar	May-2009	Khajeh Protected Area - Khorasan - Iran

121-2	Seyed Babak Musavi	Lammergeier	Oct-2006	Golul Sarani Proteted Area - Khorasan - Iran
121-3	Seyed Babak Musavi	Lammergeier	Oct-2006	Golul Sarani Proteted Area - Khorasan - Iran
122-1	Seyed Babak Musavi	Eurasian Griffon Vulture	Dec-2009	Bandarabbas - Hormozgan province - Iran
122-2	Seyed Babak Musavi	Eurasian Griffon Vulture	Dec-2009	Bandarabbas - Hormozgan province - Iran
123-1	Seyed Babak Musavi	Eurasian Black Vulture (Cinereous Vulture)	Jan-2005	Bandarabbas - Hormozgan province - Iran
123-2	Seyed Babak Musavi	Eurasian Black Vulture (Cinereous Vulture)	Jan-2005	Bandarabbas - Hormozgan province - Iran
124-1	Jaysukh Parekh Suman	White-rumped Vulture (Indian White-backed Vulture)	Jun-2006	Jakhau - Kutch - Gujarat - India
124-2	Jaysukh Parekh Suman	White-rumped Vulture (Indian White-backed Vulture)	Jun-2006	Jakhau - Kutch - Gujarat - India
125-1	Seyed Babak Musavi	Egyptian Vulture	May-2006	Qeshm island in S of Iran
125-2	Hadi Ansari	Egyptian Vulture	Mar-2012	Qeshm Island - Iran
125-3	Hadi Ansari	Egyptian Vulture	Feb-2012	Qeshm Island - Iran
126-1	Ali Mohajeran	White-tailed Eagle	Jan-2009	Gomishan Wetland - Mazandaran province - Iran
126-2	Edwin WinKel	White-tailed Eagle	Jan-2009	Golestan province - Iran
127-1	Jon Hornbuckle	Pallas`s Fish Eagle (Pallas Sea Eegle)	1980	Bharatpur - India
127-2	Jon Hornbuckle	Pallas`s Fish Eagle (Pallas Sea Eegle)	1980	Bharatpur - India
128-1	Seyed Babak Musavi	Golden Eagle	Apr-2007	Bazangan Lake - Khorasan - Iran
128-2	Hassan Moghimi	Golden Eagle	Sep-2007	Ghamishloo Wildlife Refuge - Esfahan province - Iran
128-3	Hassan Moghimi	Golden Eagle	Nov-2009	Ghamishloo Wildlife Refuge - Esfahan province - Iran
129-1	Seyed Babak Musavi	Eastern Imperial Eagle	Oct-2010	Arsanjan - Fars province - Iran
129-2	Seyed Babak Musavi	Eastern Imperial Eagle	Mar-2008	Khur-e-Tiab - Hormozgan province - Iran
129-3	Seyed Babak Musavi	Eastern Imperial Eagle	Nov-2010	Arsanjan - Fars province - Iran
130-1	Seyed Babak Musavi	Greater Spotted Eagle	Jan-2008	Khur-e-Tiab - Hormozgan province - Iran
130-2	Seyed Babak Musavi	Greater Spotted Eagle	Mar-2007	Khur-e-Tiab - Hormozgan province - Iran
131-1	Magnus Ullman	Lesser Spotted Eagle	Oct-2010	Egypt
131-2	Magnus Ullman	Lesser Spotted Eagle	Oct-2010	Egypt
132-1	Seyed Babak Musavi	Steppe Eagle	Oct-2008	Malayer - Hamedan province - Iran
132-2	Gaurav Bhatnagar	Steppe Eagle	Feb-2007	Kutch - Gujarat - India
132-3	Seyed Babak Musavi	Steppe Eagle	Oct-2008	Malayer - Hamedan province - Iran
133-1	Nitin Srinivasamurthy	Tawny Eagle	Jun-2008	India
133-2	Nitin Srinivasamurthy	Tawny Eagle	Jun-2008	India
134-1	Seyed Babak Musavi	Short-toed Eagle	Jun-2011	Arsanjan - Fars province - Iran
134-2	Ali Khani	Short-toed Eagle	May-2008	Shirahmad Protected Area - Khorasan - Iran
134-3	Ali Khani	Short-toed Eagle	May-2008	Shirahmad Protected Area - Khorasan - Iran
135-1	Seyed Babak Musavi	Booted Eagle	Jun-2009	Arasbaran - Eastarn Azarbaijan province - Iran
135-2	Magnus Ullman	Booted Eagle	Oct-2010	Egypt
135-3	Magnus Ullman	Booted Eagle	Oct-2010	Egypt
136-1	Seyed Babak Musavi	Bonelli`s Eagle	Mar-2006	Helleh Protected Area - Bushehr province - Iran
136-2	Meisam Ghasemi	Bonelli`s Eagle	Jan-2009	Khur-e-Kuhmobarak - Hormozgan province - Iran
137-1	Magnus Ullman	Red Kite	Feb-2008	Sweden
137-2	Magnus Ullman	Red Kite	Dec-2009	Sweden
138-1	Seyed Babak Musavi	Black Kite	Jan-2009	Bandarabbas - Hormozgan province - Iran
138-2	Seyed Babak Musavi	Black Kite	Jan-2009	Bandarabbas - Hormozgan province - Iran
139-1	Arie Ouwerkerk	Black-winged Kite (Black-shouldered Kite)	Jan-2007	Minab - Hormozgan province - Iran
139-2	Meisam Ghasemi	Black-winged Kite (Black-shouldered Kite)	Sep-2011	Arzuiyeh - Kerman province - Iran
140-1	Seyed Babak Musavi	Western Marsh Harrier	May-2008	Khur-e-Tiab - Hormozgan province - Iran
140-2	Seyed Babak Musavi	Western Marsh Harrier	Jan-2010	Khur-e-Azini - Hormozgan province - Iran
141-1	John A. Thompson	Eastern Marsh Harrier	Oct-2010	Irkayya Farm - Qatar
141-2	John A. Thompson	Eastern Marsh Harrier	Oct-2010	Irkayya Farm - Qatar
142-1	Seyed Babak Musavi	Montagu`s Harrier	Mar-2007	Helleh Protected Area - Bushehr province - Iran
142-2	Seyed Babak Musavi	Montagu`s Harrier	Mar-2007	Helleh Protected Area - Bushehr province - Iran
142-3	Ali Khani	Montagu`s Harrier	Feb-2009	Shirahmad Protected Area - Khorasan - Iran
143-1	Hadi Fahimi	Hen Harrier	Oct-2008	Kavir Natioal Park - Tehran province - Iran
143-2	Seyed Babak Musavi	Hen Harrier	Dec-2005	Bazangan Lake - Khorasan - Iran
144-1	Magnus Ullman	Pallid Harrier	Apr-2008	Iran
144-2	Magnus Ullman	Pallid Harrier	Apr-2008	Iran
145-1	Yann Muzika	Upland Buzzard	Jun-2007	Longbaotan - Qinghai - China

92-2	Jari Peltomäki	Light-bellied Brent Goose	Feb-2009	Texel - Netherland
93-1	Jari Peltomäki	Barnacle Goose	Oct-2005	Helsinki - Finland
93-2	Jari Peltomäki	Barnacle Goose	Oct-2005	Helsinki - Finland
94-1	Abbas Ashoori	Red-breasted Goose	Feb-2009	(in captivity) Rasht - Guilan province - Iran
94-2	Abbas Ashoori	Red-breasted Goose	Feb-2009	(in captivity) Rasht - Guilan province - Iran
95-1	Alireza Hashemi	Ruddy Shelduck	Jun-2010	Alagol Wetland - Golestan province - Iran
95-2	Alireza Hashemi	Ruddy Shelduck	Jun-2010	Alagol Wetland - Golestan province - Iran
96-1	Mohammad Tohidifar	Common Shelduck	May-2011	Meyghan Wetland - Arak - Markazi province - Iran
96-2	Hassan Moghimi	Common Shelduck	Dec-2008	(in captivity) Bagh-e-Parandegane - Esfahan province - Iran
97-1	Seyed Babak Musavi	Cotton Pygmy Goose (Cotton Teal)	Feb-2007	Helleh Protected Area - Bushehr province - Iran
97-2	Seyed Babak Musavi	Cotton Pygmy Goose (Cotton Teal)	Feb-2007	Helleh Protected Area - Bushehr province - Iran
98-1	Hassan Moghimi	Eurasian Wigeon	Nov-2007	(in captivity) Bagh-e-Parandegane - Esfahan province - Iran
98-2	Hassan Moghimi	Eurasian Wigeon	Nov-2007	(in captivity) Bagh-e-Parandegane - Esfahan province - Iran
99-1	Aurélien Audevard	Falcated Duck	Feb-2010	Tokyo - Tōkyō-to - Japan
100-1	Seyed Babak Musavi	Gadwall	Feb-2010	Fereidounkenar Wetland - Mazandaran province - Iran
100-2	Seyed Babak Musavi	Gadwall	Feb-2007	Fereidounkenar Wetland - Mazandaran province - Iran
101-1	Seyed Babak Musavi	Eurasian Teal (Common Teal)	Feb-2007	Fereidounkenar Wetland - Mazandaran province - Iran
101-2	Seyed Babak Musavi	Eurasian Teal (Common Teal)	Feb-2007	Fereidounkenar Wetland - Mazandaran province - Iran
102-1	Hassan Moghimi	Mallard	Dec-2007	Zayandeh Rud - Esfahan province - Iran
102-2	Hassan Moghimi	Mallard	Dec-2007	Zayandeh Rud - Esfahan province - Iran
103-1	Hassan Moghimi	Northern Pintail	Jan-2008	(in captivity) Bagh-e-Parandegane - Esfahan province - Iran
103-2	Hassan Moghimi	Northern Pintail	Jan-2008	(in captivity) Bagh-e-Parandegane - Esfahan province - Iran
104-1	Amir Reza Borhani	Garganey	May-2010	Ghorigol Lake - Eastern Azarbaijan province - Iran
104-2	Amir Reza Borhani	Garganey	May-2010	Ghorigol Lake - Eastern Azarbaijan province - Iran
105-1	Seyed Babak Musavi	Northern Shoveler	Feb-2007	Fereidounkenar Wetland - Mazandaran province - Iran
105-2	Seyed Babak Musavi	Northern Shoveler	Feb-2007	Fereidounkenar Wetland - Mazandaran province - Iran
106-1	Seyed Babak Musavi	Marbled Duck (Marbled Teal)	May-2008	Kaniborazan Wetland - Mahabad - Western Azarbaijan province - Iran
106-2	Seyed Babak Musavi	Marbled Duck (Marbled Teal)	May-2008	Kaniborazan Wetland - Mahabad - Western Azarbaijan province - Iran
107-1	Hassan Moghimi	Red-crested Pochard	Jan-2008	(in captivity) Bagh-e-Parandegane - Esfahan province - Iran
107-2	Hassan Moghimi	Red-crested Pochard	Jan-2008	(in captivity) Bagh-e-Parandegane - Esfahan province - Iran
108-1	Seyed Babak Musavi	Pochard	May-2008	Kaniborazan Wetland - Mahabad - Western Azarbaijan province - Iran
108-2	Mehdi Almasi	Pochard	Nov-2007	Mazandaran province - Iran
109-1	Amir Reza Borhani	Ferruginous Duck	May-2010	Ghorigol Lake - Eastern Azarbaijan province - Iran
110-1	Hossein Eslahi	Tufted Duck	Jan-2007	Sadd-e-Ghoochan - Khorasan province - Iran
110-2	Hassan Moghimi	Tufted Duck	Jan-2008	(in captivity) Bagh-e-Parandegane - Esfahan province - Iran
111-1	Magnus Ullman	Greater Scaup	Feb-2010	Sweden
111-2	Magnus Ullman	Greater Scaup	Jan-2010	Sweden
112-1	Magnus Ullman	Long-tailed Duck	Feb-2007	Sweden
112-2	Magnus Ullman	Long-tailed Duck	Feb-2007	Sweden
113-1	Stefan Hage	Common Scoter	Apr-2011	Svarthall - Träslövsläge - Halland - Sweden
113-2	Stefan Hage	Common Scoter	Jun-2009	Leipikvattnet - Stora Blåsjön - Jämtland - Sweden
114-1	Stefan Hage	Velvet Scoter	Oct-2008	Rödskär - Varberg - Halland - Sweden
114-2	Stefan Hage	Velvet Scoter	Apr-2009	Rödskär - Varberg - Halland - Sweden
115-1	Seyed Babak Musavi	Common Goldeneye	Jan-2006	Sarakhs - Khorasan - Iran
115-2	Seyed Babak Musavi	Common Goldeneye	Jan-2006	Sarakhs - Khorasan - Iran
116-1	Seyed Babak Musavi	Smew	Jan-2006	Sarakhs - Khorasan - Iran
117-1	Magnus Ullman	Red-breasted Merganser	Mar-2010	Sweden
117-2	Magnus Ullman	Red-breasted Merganser	Mar-2010	Sweden
118-1	Magnus Ullman	Goosander	Dec-2009	Sweden
118-2	Magnus Ullman	Goosander	Dec-2009	Sweden
119-1	Seyed Babak Musavi	White-headed Duck	Jul-2007	Ghorigol Lake - Eastern Azarbaijan province - Iran
119-2	Seyed Babak Musavi	White-headed Duck	Jul-2007	Ghorigol Lake - Eastern Azarbaijan province - Iran
120-1	Seyed Babak Musavi	Osprey	May-2009	Ghorigol Lake - Eastern Azarbaijan province - Iran
120-2	Seyed Babak Musavi	Osprey	Jan-2009	Khur-e-Azini - Hormozgan province - Iran
120-3	Seyed Babak Musavi	Osprey	Feb-2008	Khur-e-Azini - Hormozgan province - Iran
121-1	Seyed Babak Musavi	Lammergeier	Feb-2008	Khur-e-Azini - Hormozgan province - Iran

68-3	Seyed Babak Musavi	Purple Heron	Oct-2007	Kaniborazan Wetland - Mahabad - Western Azarbaijan province - Iran
69-1	Seyed Babak Musavi	Great White Egret	Aug-2009	Bushehr - Bushehr province - Iran
69-2	Seyed Babak Musavi	Great White Egret	Aug-2009	Bushehr - Bushehr province - Iran
70-1	Seyed Babak Musavi	Cattle Egret	May-2008	Kaniborazan Wetland - Mahabad - Western Azarbaijan province - Iran
70-2	Seyed Babak Musavi	Cattle Egret	May-2008	Kaniborazan Wetland - Mahabad - Western Azarbaijan province - Iran
71-1	Seyed Babak Musavi	Squacco Heron	Jul-2008	Kaniborazan Wetland - Mahabad - Western Azarbaijan province - Iran
71-2	Seyed Babak Musavi	Squacco Heron	Jul-2008	Kaniborazan Wetland - Mahabad - Western Azarbaijan province - Iran
72-1	Seyed Babak Musavi	Indian Pond Heron	May-2005	Khur-e-Tiab - Hormozgan province - Iran
72-2	Seyed Babak Musavi	Indian Pond Heron	Apr-2010	Khur-e-Azini - Hormozgan province - Iran
73-1	Seyed Babak Musavi	Striated Heron (Little Green Heron)	Jan-2009	Khur-e-Khalasi - Hormozgan province - Iran
73-2	Seyed Babak Musavi	Striated Heron (Little Green Heron)	Jan-2009	Khur-e-Khalasi - Hormozgan province - Iran
74-1	Seyed Babak Musavi	Black-crowned Night Heron	May-2008	Myankaleh Wetland - Mazandaran province - Iran
74-2	Seyed Babak Musavi	Black-crowned Night Heron	May-2008	Myankaleh Wetland - Mazandaran province - Iran
74-3	Alireza Hashemi	Black-crowned Night Heron	Apr-2011	Gharegheshlagh Wetland - Mahabad - Western Azarbaijan province - Iran
75-1	Seyed Babak Musavi	Little Bittern	May-2011	Babolsar - Mazandaran province - Iran
75-2	Seyed Babak Musavi	Little Bittern	May-2011	Babolsar - Mazandaran province - Iran
76-1	Seyed Babak Musavi	Great Bittern (Eurasian Bittern)	Aug-2009	Kaniborazan Wetland - Mahabad - Western Azarbaijan province - Iran
76-2	Seyed Babak Musavi	Great Bittern (Eurasian Bittern)	Sep-2009	Ghoochan - Khorasan - Iran
77-1	Magnus Ullman	Black Stork	Oct-2010	Egypt
77-2	Magnus Ullman	Black Stork	Oct-2010	Egypt
78-1	Jaysukh Parekh Suman	Woolly-necked Stork	Dec-2006	Banaskantha - Gujarat- India
78-2	Jaysukh Parekh Suman	Woolly-necked Stork	Dec-2006	Banaskantha - Gujarat- India
79-1	Alireza Hashemi	White Stork	Mar-2008	Gharegheshlagh Wetland - Mahabad - Western Azarbaijan province - Iran
79-2	Seyed Babak Musavi	White Stork	Jun-2007	Kaniborazan Wetland - Mahabad - Western Azarbaijan province - Iran
79-3	Seyed Babak Musavi	White Stork	Jun-2007	Kaniborazan Wetland - Mahabad - Western Azarbaijan province - Iran
80-1	Seyed Babak Musavi	Glossy Ibis	Nov-2008	Meyghan Wetland - Arak - Markazi province - Iran
80-2	Seyed Babak Musavi	Glossy Ibis	Nov-2008	Meyghan Wetland - Arak - Markazi province - Iran
81-1	Terry Schulz	Sacred Ibis	Mar-2010	Chobe National Park - Botswana
81-2	Georges Olioso	Sacred Ibis	Mar-2007	Sigean-Aude-Languedoc - Roussillon - France
81-3	Terry Schulz	Sacred Ibis	Mar-2010	Chobe National Park - Botswana
82-1	Seyed Babak Musavi	Eurasian Spoonbill	May-2007	Khur-e-Khuran Protected Area - Hormozgan province - Iran
82-2	Kaveh Farzaneh	Eurasian Spoonbill	Aug-2011	Choghakhor Wetland - Chahar Mahalo Bakhtiari province - Iran
83-1	Jafar Gholami	Greater Flamingo	Apr-2009	Shirinsoo wetland - Kabudar Ahang - Hamedan province - Iran
83-2	Seyed Babak Musavi	Greater Flamingo	Jan-2007	Nayband National Park - Bushehr province - Iran
84-1	Tarique Abdul Haleem Sani	Lesser Flamingo	May-2006	Sewri Mudflats - India
84-2	Tarique Abdul Haleem Sani	Lesser Flamingo	May-2006	Sewri Mudflats - India
85-1	Seyed Babak Musavi	Mute Swan	Feb-2007	Myankaleh Wetland - Mazandaran province - Iran
85-2	Seyed Babak Musavi	Mute Swan	Feb-2007	Myankaleh Wetland - Mazandaran province - Iran
86-1	Seyed Babak Musavi	Whooper Swan	Feb-2007	Myankaleh Wetland - Mazandaran province - Iran
86-2	Seyed Babak Musavi	Whooper Swan	Feb-2007	Myankaleh Wetland - Mazandaran province - Iran
87-1	Stefan Hage	Bewick's Swan (Tundra Swan)	Apr-2011	Lake Hornborgasjön - Västergötland - Sweden
87-2	Stefan Hage	Bewick's Swan (Tundra Swan)	Mar-2011	Sällstorpsdalen - Sällstorp - Halland - Sweden
88-1	Magnus Ullman	Bean Goose	Feb-2009	Sweden
88-2	Magnus Ullman	Bean Goose	Feb-2009	Sweden
89-1	Hassan Moghimi	Greater White-fronted Goose	Mar-2009	(in captivity) Bagh-e-Parandegane - Esfahan province - Iran
89-2	Hassan Moghimi	Greater White-fronted Goose	Mar-2009	(in captivity) Bagh-e-Parandegane - Esfahan province - Iran
90-1	Seyed Babak Musavi	Lesser White-fronted Goose	Feb-2007	Fereidounkenar Wetland - Mazandaran province - Iran
90-2	Seyed Babak Musavi	Lesser White-fronted Goose	Feb-2007	Fereidounkenar Wetland - Mazandaran province - Iran
91-1	Seyed Babak Musavi	Greylag Goose	Feb-2007	Fereidounkenar Wetland - Mazandaran province - Iran
91-2	Seyed Babak Musavi	Greylag Goose	Feb-2007	Fereidounkenar Wetland - Mazandaran province - Iran
92-1	Jari Peltomäki	Light-bellied Brent Goose	Feb-2009	Texel - Netherland

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44-1	Magnus Ullman	Red-throated Diver	Jul-2010	Sweden
44-2	Dave Kutilek	Red-throated Diver	Feb-2008	Shoreline Lake - Mountain View - California - USA
45-1	Magnus Ullman	Black-throated Diver	May-2010	Sweden
45-2	Barry Heinrich	Black-throated Diver	Dec-2008	Cheongcho Lagoon - Sokcho - Korea
46-2	Seyed Babak Musavi	Little Grebe	Nov-2009	Meyghan Wetland - Arak - Markazi province - Iran
46-2	Seyed Babak Musavi	Little Grebe	Jun-2006	Ghorigol Lake - Eastern Azarbaijan province - Iran
47-1	Magnus Ullman	Red-necked Grebe	May-2007	Sweden
48-1	Seyed Babak Musavi	Great Crested Grebe	Jan-2008	Sarakhs - Khorasan - Iran
48-2	Seyed Babak Musavi	Great Crested Grebe	May-2010	Shirinsou Dam - Zanjan province - Iran
49-1	Magnus Ullman	Horned Grebe (Slavonian Grebe)	Jul-2009	Sweden
50-1	Seyed Babak Musavi	Black-necked Grebe	May-2008	Ghorigol Lake - Eastern Azarbaijan province - Iran
50-2	Seyed Babak Musavi	Black-necked Grebe	May-2009	Ghorigol Lake - Eastern Azarbaijan province - Iran
51-1	Magnus Ullman	Cory's Shearwater (Cape Verde Shearwater)	Aug-2008	Madeira
51-2	Magnus Ullman	Cory's Shearwater (Cape Verde Shearwater)	Sep-2008	Azores
52-1	Mike Barth	Wedge-tailed Shearwater	May-2011	Gulf of Oman
52-2	Mike Barth	Wedge-tailed Shearwater	May-2011	Gulf of Oman
52-3	Mike Barth	Wedge-tailed Shearwater	May-2011	Gulf of Oman
53-1	Magnus Ullman	Persian Shearwater	Dec-2010	Oman
53-2	Magnus Ullman	Persian Shearwater	Dec-2010	Oman
54-1	Dave Kutilek	Sooty Shearwater	Aug-2005	Monterey Bay - California - USA
54-2	Dave Kutilek	Sooty Shearwater	Sep-2005	Monterey Bay - California - USA
54-3	Dave Kutilek	Sooty Shearwater	Sep-2005	Monterey Bay - California - USA
55-1	Ben Lascelles	Wilson's Storm Petrel	Aug-2005	Isles of Scilly - England - Great Britain
55-2	Ben Lascelles	Wilson's Storm Petrel	Aug-2005	Isles of Scilly - England - Great Britain
56-1	Dave Kutilek	Red-billed Tropicbird	Nov-2006	Little Tobago Island - Tobago
56-2	Dave Kutilek	Red-billed Tropicbird	Nov-2006	Little Tobago Island - Tobago
56-3	Magnus Ullman	Red-billed Tropicbird	Dec-2008	Oman
57-1	Ali Mohajeran	White Pelican	Jan-2009	Khur-e-Azini - Hormozgan province - Iran
57-2	Meisam Ghasemi	White Pelican	Feb-2009	Khur-e-Azini - Hormozgan province - Iran
58-1	Seyed Babak Musavi	Dalmatian Pelican	Feb-2008	Helleh Protected Area - Bushehr province - Iran
58-2	Seyed Babak Musavi	Dalmatian Pelican	May-2008	Khur-e-Khuran Protected Area - Hormozgan province - Iran
59-1	Seyed Babak Musavi	Masked Booby	Jun-2010	Khur-e-Jask Markazi - Hormozgan province - Iran
59-2	Seyed Babak Musavi	Masked Booby	Jun-2010	Khur-e-Jask Markazi - Hormozgan province - Iran
60-1	Seyed Babak Musavi	Pygmy Cormorant	Jul-2009	Kaniborazan Wetland - Mahabad - Western Azarbaijan province - Iran
60-2	Abbas Ashoori	Pygmy Cormorant	Nov-2006	Rasht - Guilan province - Iran
61-1	Jafar Gholami	Great Cormorant	Aug-2009	Abshineh wetland - Hamedan province - Iran
61-2	Seyed Babak Musavi	Great Cormorant	Jan-2009	Khur-e-Azini - Hormozgan province - Iran
62-1	Meisam Ghasemi	Socotra Cormorant	Jul-2010	Shidvar Wildlife Refuge - Hormozgan province - Iran
62-2	Meisam Ghasemi	Socotra Cormorant	Jan-2009	Shidvar Wildlife Refuge - Hormozgan province - Iran
62-3	Meisam Ghasemi	Socotra Cormorant	Jul-2010	Shidvar Wildlife Refuge - Hormozgan province - Iran
63-1	Dave Kutilek	African Darter	Nov-2006	Okavango Delta - Kwetsani Camp - Botswana
63-2	Georges Oliosio	African Darter	Sep-2004	Mabalingwe - South Africa
64-1	Seyed Babak Musavi	Little Egret	Sep-2009	Kaniborazan Wetland - Mahabad - Western Azarbaijan province - Iran
64-2	Seyed Babak Musavi	Little Egret	Sep-2009	Kaniborazan Wetland - Mahabad - Western Azarbaijan province - Iran
65-1	Seyed Babak Musavi	Western Reef Heron	May-2008	Khur-e-Tiab - Hormozgan province - Iran
65-2	Seyed Babak Musavi	Western Reef Heron	Sep-2010	Bushehr - Bushehr province - Iran
66-1	Seyed Babak Musavi	Grey Heron	Sep-2009	Kaniborazan Wetland - Mahabad - Western Azarbaijan province - Iran
66-2	Seyed Babak Musavi	Grey Heron	Oct-2009	Kaniborazan Wetland - Mahabad - Western Azarbaijan province - Iran
67-1	Meisam Ghasemi	Goliath Heron	Jan-2009	Khoor-e-Shahreho - Jask Protected Area - Hormozgan province - Iran
68-1	Mohammad Tohidifar	Purple Heron	Sep-2010	Soleghan Wetland - Shahrekord - Chahar Mahalo Bakhtiari province - Iran
68-2	Seyed Babak Musavi	Purple Heron	May-2009	Golul Sarani Proteted Area - Khorasan - Iran

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latter group. In copses of Euphrates poplar along rivers and wetlands of Khuzestan, unique species such as Grey Hypocolius (*Hypocolius ampelinus*), Iraq Babbler (*Turdoides altirostris*), and Dead Sea Sparrow (*Passer moabiticus*) can be found.

6) Wetlands

Although generally known as a dry country, extensive wetland systems are found throughout Iran. These regions, unique in Western Palearctic, are critical for survival of many migratory species. Wetlands along the southern Caspian coast, fresh- and salt-water lakes scattered in central Gilan, and the complex system formed by Gorgan Bay and Turkaman Steppes are suitable habitats for wintering and breeding of a great number of birds. These wetlands also serve as stopovers for various migratory species in spring and autumn.

Other wetland regions of Iran are also of notable importance. Large populations of Greater Flamingo (*Phoenicopterus roseus*), Great White Pelican (*Pelecanus onocrotalus*), Eurasian Spoonbill (*Platalea leucorodia*), Glossy Ibis (*Plegadis falcinellus*), White Stork (*Ciconia ciconia*), Common Shelduck (*Tadorna tadorna*), Ruddy Shelduck (*T. ferruginea*), Pied Avocet (*Recurvirostra avosetta*), Black-winged Stilt (*Himantopus himantopus*), and some gulls breed in wetlands located in the Urumiyeh Basin, especially Lake Urumiyeh.

Dez and Karun floodplains and Karkheh River in Khuzestan, saline lakes of Hirmand Delta in Sistan-Baluchestan on the Iran-Afghanistan border, and the extensive freshwater and saline lakes in Fars province, especially Bakhtegan, Tashk, Maharlu, and Parishan lakes, as well as wetlands of the Arjan plain are all critical habitats for hundreds of thousands of wintering birds.

7) Coastal habitats of the Persian Gulf and Makran Coast

Tidal flats, mangroves, and sandy, stony, and rocky coasts along the southern coastline provide suitable breeding and wintering grounds for numerous water-birds and sea-bird species such as Crab Plover (*Dromas ardeola*), Great Thick-knee (*Esacus recurvirostris*) in the east, and numerous herons and egrets like Indian Pond Heron (*Ardeola grayii*), Western Reef Heron (*Egretta gularis*), Great White Egret (*Casmerodius albus*), and numerous species of terns.

Some species wintering in this area include Dalmatian Pelican (*Pelecanus crispus*), Great Cormorant (*Phalacrocorax carbo*), Eurasian Spoonbill, Osprey (*Pandion haliaetus*), White-tailed Eagle (*Haliaeetus albicilla*), and many waders including Oystercatcher (*Haematopus ostralegus*), Bar-tailed Godwit (*Limosa lapponica*), Eurasian Curlew (*Numenius arquata*), plovers, skuas, gulls, and terns.

8) Offshore islands and coral reefs

Large colonies of sea-birds like Greater Crested Tern (*Sterna bergii*), Lesser Crested Tern (*S. bengalensis*), White-cheeked Tern (*S. repressa*), and Bridled Tern (*S. anaethetus*) as well as smaller colonies of Red-billed Tropicbird (*Phaethon aethereus*) and Socotra Cormorant (*Phalacrocorax nigrogularis*) breed on the many small vacant islands in the Persian Gulf and the Strait of Hormoz.

2) Semi-arid steppes of the desert rim and foothills

These habitats cover most of the country and include regions with an altitude of 1500-2000 m and an average precipitation of 100-300 mm, predominantly covered with *Artemisia* steppes. Vast portions of these habitats have been turned into agricultural fields, especially for growing cereals. Overgrazing has also altered the landscapes in many regions. However, the diverse and varied habitat patches in this area are still suitable for great densities of many of the more common species such as Long-legged Buzzard (*Buteo rufinus*), Common Kestrel (*Falco tinnunculus*), Black-bellied Sandgrouse (*Pterocles orientalis*), European Roller (*Coracias garrulus*), European Bee-eater (*Merops apiaster*), and a variety of wheatears including Isabelline Wheatear (*Oenanthe isabellina*) and larks like Crested Lark (*Galerida cristata*).



3) High mountains

Mountain peaks of Alborz and Zagros ranges, as well as summits of mountains in Azarbaijan, Khorasan, Kerman, and Baluchestan are home to a unique fauna of birds. Conditions here are very similar to those of the Pyrenees and the Alps in Western Europe and the Himalayas. Some birds occupying this region include Golden Eagle (*Aquila chrysaetos*), Horned Lark (*Eremophila alpestris*), Lammergeier (*Gypaetus barbatus*), Alpine Swift (*Apus melba*), Eurasian Crag Martin (*Hirundo rupestris*), Alpine Chough (*Pyrrhocorax graculus*), Alpine Accentor (*Prunella collaris*), Rufous-tailed Rock Thrush (*Monticola saxatilis*), Black Redstart (*Phoenicurus ochruros*), Wallcreeper (*Tichodroma muraria*), White-winged Snowfinch (*Montifringilla nivalis*), and Caspian Snowcock (*Tetraogallus caspius*).

4) Forests and woodlands

Though limited in area, forests of Iran are rich in bird species. Birds here are relatives of birds of the Western Palearctic; bird fauna of forests of northern Azarbaijan and southern Caspian Sea are almost inseparable from those occupying woodlands in central Europe. Some of these species include European Green Woodpecker (*Picus viridis*), Common Wood Pigeon (*Columba palumbus*), Tree Pipit (*Anthus trivialis*), Great Spotted Woodpecker (*Dendrocopos major*), Eurasian Jay (*Garrulus glandarius*), Red-backed Shrike (*Lanius collurio*), Dunnock (*Prunella modularis*), Winter Wren (*Troglodytes troglodytes*), Icterine Warbler (*Hippolais icterina*), Eurasian Blackcap (*Sylvia atricapilla*), Common Nightingale (*Luscinia megarhynchos*), European Robin (*Erithacus rubecula*), and various species of thrushes, tits, and finches. Oak woodlands of the western Zagros, sparse and dry, lack some of the species of real forests but are occupied by birds of Mediterranean descent, including Syrian Woodpecker (*Dendrocopos syriacus*), Masked Shrike (*Lanius nubicus*), Black-eared Wheatear (*Oenanthe hispanica*), Sombre Tit (*Poecile lugubris*), and Cinereous Bunting (*Emberiza cineracea*).

The dry pistachio and almond forests in the eastern Zagros, Kerman highlands, and scattered mountains in northern Sistan-Baluchestan are occupied by birds unique to the Middle East, such as White-throated Robin (*Irania gutturalis*) and Plain Leaf Warbler (*Phylloscopus neglectus*), birds of the Eastern Palearctic such as Lesser Whitethroat (*Sylvia curruca*) and Hume's Whitethroat (*S. althaea*), and birds of the western Palearctic such as Common Wood Pigeon (*Columba palumbus*), Red-backed Shrike (*L. collurio*), Blackbird (*Turdus merula*) and Common Nightingale (*Luscinia megarhynchos*). Remote mountain ranges with sufficient juniper cover are also home to species such as Red-fronted Serin (*Serinus pusillus*) and, in the north-east, White-winged Grosbeak (*Mycerobas carnipes*).

5) Hot southern lowlands (Pseudo savannas)

Afrotropical and Oriental bird species thrive in sparse woodlands of acacia, prosopis, tamarisk, and palm expanding from north-western Khuzestan to eastern Baluchestan. Characteristic species of this region include Laughing Dove (*Streptopelia senegalensis*), Graceful Prinia (*Prinia gracilis*), Indian Roller (*C. benghalensis*), Common Babbler (*Turdoides caudatus*), Green Bee-eater (*Merops orientalis*), Purple Sunbird (*Nectarinia asiatica*), White-eared Bulbul (*Pycnonotus leucotis*), and Chestnut-shouldered Petronia (*Petronia xanthocollis*).

Distribution of some species of the Oriental region is limited to the extreme south-eastern Sistan-Baluchestan, while some others extend to the west to Bandar Abbas. Sand Lark (*Calandrella raytal*), Common Myna (*Acridotheres tristis*), and Sind Jungle Sparrow (*Passer pyrrhonotus*) are examples of species in the former group and White-eyed Buzzard (*Butastur teesa*), Grey Francolin (*Francolinus pondicerianus*), and Sind Woodpecker (*Dendrocopos assimilis*) are examples of the

Habitats

Habitat of a bird is defined as an area that provides the various needs of a bird, including nutrition, reproduction and cover. By being able to fly, birds can get use of a variety of seasonal and temporal habitats and move to new ones when weather and food conditions worsen. Today, with significant advances in the field of conservation biology, habitat identification and evaluation has become of high importance and habitat sustainability is recognised as a necessity for survival of species.

The land surface of the earth is divided into six realms within which different bird species have evolved. These regions include Nearctic (North America), Palearctic (Eurasia), Neotropic (South America), Ethiopian or Afrotropic (Africa, south of Atlas Mountains), Indomalaya or Oriental (India and Southeast Asia), and Australasia (Australia, New Guinea, Pacific Islands, New Zealand, and the South Pole). Due to its unique diversity of bird species, Madagascar fauna is sometimes treated as an individual realm and is separated from Afrotropical realm and the Caribbean region is separated from Neotropical region. Palearctic is divided into Eastern and the Western Palearctic. Western Palearctic ecoregion includes North Africa and the Middle East while Japan and China make up the Eastern Palearctic ecoregion.

Iran, a country with an area of 1,648,195 square kilometers, is located at the southeast of Western Palearctic and is of high species diversity and richness. So far, 530 bird species have been identified in Iran. This astonishing high diversity is the result of several facts. Firstly, Iran is located where the Palearctic, Afrotropic, and Oriental realms meet. As mentioned before, Palearctic region expands from Europe, North Africa, and Central Asia to the Far East in the former Soviet Union and Japan. The majority of Iran is located in Palearctic and therefore contains a great range of Western Palearctic fauna; though a small number of Eastern Palearctic species is also found in Northern Khorasan province, north-eastern Iran. Birds of the two regions overlap in central Alborz and hybridize. Examples include Black-eared Wheatear (*Oenanthe hispanica*), Pied Wheatear (*O. pleschanka*), Red-headed Bunting (*Emberiza bruniceps*), and Black-headed Bunting (*E. melanocephala*). The south-eastern part of Iran is located at the western extreme of Oriental and is home to a distinctive group of animals and plants. Also, some parts of the southwest that are partly affected by conditions of Afrotropical region contain species of animals and plants that cannot be found anywhere else in the country. Another unique group of birds in Iran, originating in Indian Ocean, are sea-birds and waders breeding on islands of the Persian Gulf and the Strait of Hormoz.

The second factor contributing to high diversity and richness of bird species in Iran is the considerable diversity of habitats caused by the two large water bodies in the north and south and the vast mountain ranges expanding in the north and west. Since Iran is located on the desert belt running from western Morocco in North Africa through the Middle East to East Asia, deserts and semi-desert habitats comprise about 60 percent of its surface area. Climatic variations in Iran also play a major role in defining various habitat types; for instance, average precipitation in central deserts is as low as 100 mm while it gets to as high as 2000 mm in the north. Temperature range is also considerably wide, with a difference of about 45° Celsius between the cold and dry regions and the hot and humid ones. Based on these variations, eight general habitat types are identified in Iran (Evans, 1994).

1) True deserts and semi-deserts

These habitats are stretched throughout the central desert from Tehran through Dasht-e Kavir and Dasht-e Lout to Jazmourian Basin in central Baluchestan and locally along the southern coastal lowlands from north-western Khuzestan to Sistan-Baluchestan. Although bird density in these regions is relatively low, remarkable species that are well-adapted to such harsh conditions occupy these habitats as well as habitats in the southern Palearctic. Some significant species in this region include Macqueen's Bustard (*Clamydotis macqueenii*), Cream-coloured Courser (*Cursorius cursor*), Spotted Sandgrouse (*Pterocles senegallus*), Crowned Sandgrouse (*P. coronatus*), Desert Lark (*Ammomanes deserti*), Hoopoe Lark (*Alaemon alaudipes*), Desert Warbler (*Sylvia nana*), Desert Wheatear (*Oenanthe deserti*), Hooded Wheatear (*O. monacha*), Trumpeter Finch (*Bucanetes githagineus*), and Iran's only endemic bird, Pleske's Ground Jay (*Podoces pleskei*).



(7) IUCN symbols:

These include symbols of Critically Endangered (CR), Endangered (EN), Vulnerable (VU), Near Threatened (NT), Data Deficient (DD), and Least Concern (LC) levels of conservation.



(8) CITES symbols:

The three CITES appendices include I, II, and III (refer to the Conservation section for more information).



(9) National level of conservation symbols:

The three symbols here include Endangered (⚠), Protected (ح), and Unprotected (no letter) (refer to the Conservation section for more information).



(10) Distribution maps:

The maps are included in the book for every species to show its distribution in a point-based format. To create the maps, the map of Iran was made into a 25×25 km grid and all reliable information on species' presence was transferred to the cells. The main source here included research done by Scott (pers. comm., 2009) and new information reported by Iranian and foreign ornithologists were added later. So present maps are the product of data recorded in the last 50 years (except for rare or vagrant birds for which historical information have also been included). For species with uncertain presence point, a question mark (?) is placed on the map. Although a lot of effort was made to present accurate maps, lack of data in eastern, south-eastern, south-western, and the western borderlines exists which needs to be overcome by extensive deliberate research.

(11) Pictures:

Though wildlife photography is a very challenging, time-consuming, and costly job, an effort was made to include pictures of all birds of Iran in this book. Many pictures were collected from Iranian experts or amateur photographers. However, various rare species have not yet been photographed in Iran and some of them, recorded a long time ago in remote regions along Iranian borders, might not still be present due to extensive habitat alterations. In total, 1100 pictures are included in this book. Photos can be located in the photographers' list by page number.

(12) Page border colouration:

Order and family of each bird is presented in English and Persian on the border of each page. Colouration of page borders is different for birds of different orders, so as to make it easier to quickly distinguish different bird orders.

Colours in distribution maps

Following colours are used in the maps to indicate the presence of species in Iran:

- Purple: Resident throughout year
- Red: Summer visitor and breeding
- Pink: Summer visitor but not breeding
- Blue: Winter visitor
- Green: Passage migrant
- Yellow: Vagrant
- «?»: No data available



time for House Sparrow. Information on breeding behaviour was mainly obtained from Bird Nests, Eggs and Nestlings of Britain & Europe: With North Africa and the Middle East (Harrison and Castell, 2002), Handbook of the Birds of Europe, the Middle East, and North Africa (Cramp and Simmons, 2004), and Handbook of the Birds of India and Pakistan (Ali and Ripley, 2001).

Finding proper Persian equivalents for technical terms concerning morphological characteristics, plumage, and egg patterns were somewhat difficult. Therefore, an effort was made to use more common and practical equivalents so as to make the texts easy to comprehend.

(4) Distribution and abundance

Sufficient data on distribution patterns and abundance of populations is presented here for every bird species in Iran. Distribution includes individuals or various populations existing in different regions of the country as residents, summer visitors, winter visitors, passage migrants, or vagrants.

Residents: Birds that remain in a specific area all year round and breed there.

Summer visitors: Birds that arrive in spring, remain throughout the breeding season, and leave the country in autumn.

Winter visitors: Birds that arrive in autumn, remain throughout the winter, and leave the country in spring.

Passage migrants: Birds that pass over Iran in spring or autumn during their migration between breeding grounds in the north and wintering grounds in the south.

Vagrants: Birds that are recorded outside their regular distribution range and are wanderers in Iran.

Abundance refers to the number of individuals of each bird species in Iran expressed by qualifiers:

Common: Found in moderate numbers (10 birds or more) daily or almost daily in appropriate habitat at the right time of year.

Fairly common: Found in small numbers (1-10 birds) daily or almost daily in appropriate habitat at the right time of year.

Uncommon: Recorded infrequently and usually in small numbers, not always found in appropriate habitat at the right time of year.

Scarce (rare): A couple of individuals (or a group) recorded but not found every year even in appropriate habitat at the right time of year.

Very scarce: Vagrants recorded only one or two times, usually outside their regular distribution ranges.

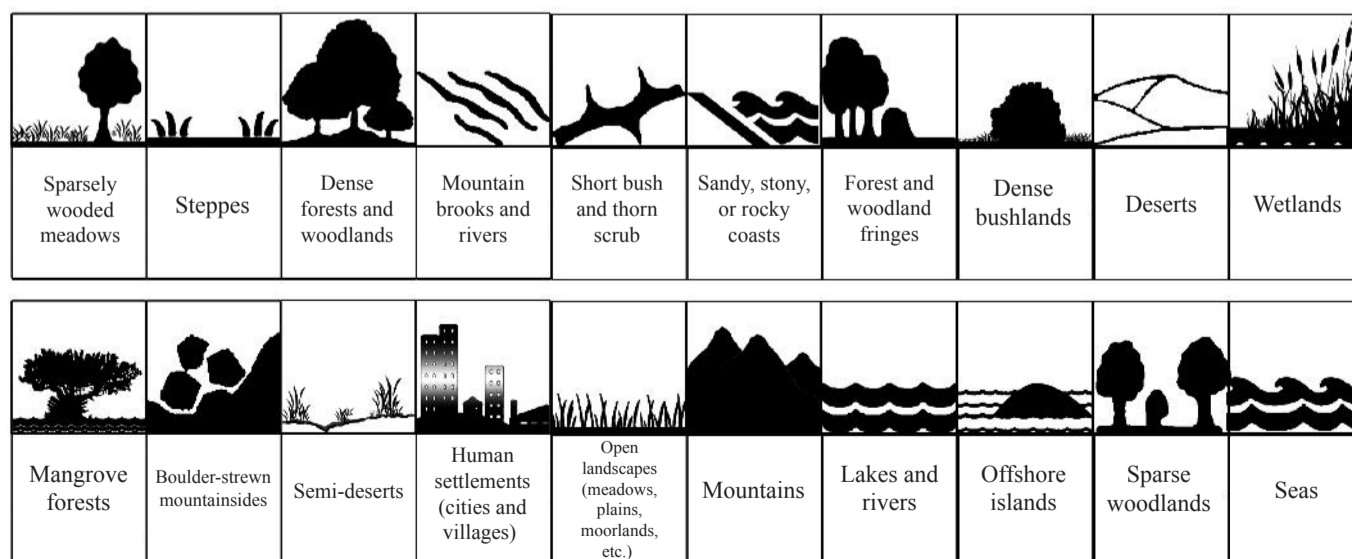
(5) Conservation status

International (IUCN and CITES) and national conservation statuses are provided in this section. The level of conservation determined by International Union for Conservation of Nature (CR, EN, NT, DD, or LC), the appendix in which a species is listed in the Convention on International Trade in Endangered Species (I, II, or III), and the national level of conservation (endangered, protected, not protected, or harmful) for each species is presented here.

Other information in this book is presented in a graphic manner:

(6) Habitat symbols

To quickly learn about the different habitat types occupied by each species, 20 habitat symbols are used in the book which complement the descriptions in the texts.



About this book

This book is the result of about 30 months work of the authors, as well as many experts, birdwatchers, nature-lovers, and photographers who provided us with the necessary material to put this book together. Each page of this book, except for the introductory pages, is dedicated to one species of the birds of Iran and presents the following information:



(1) Names

The Persian, English, and scientific names are presented for each species. The English and scientific names are derived from sources such as the updated list of birds of Iran (Scott and Adhami, 2006), Collins Bird Guide: The Most Complete Guide to the Birds of Britain and Europe (Svensson *et al.*, 2010), Handbook of the Birds of Europe, the Middle East, and North Africa (Cramp and Simmons, 1988), and Handbook of the Birds of India and Pakistan (Ali and Ripley, 2001). The Persian names are derived from Birds of Iran (Scott *et al.*, 1975) which has been used for many years by ornithologists, experts of Iran Department of Environment, rangers, and other Iranian birdwatchers and have been widely accepted in Iran. The Persian names of some new species are presented according to the updated list of birds of Iran (Scott and Adhami, 2006). However, for several species no appropriate Persian name is presented; these include species such as Pipits, Pratincoles, and Ultramarine Flycatcher which has recently been added to the list of Iranian birds. Considering the increasing number

of young birdwatchers in Iran, proposing suitable Persian names for such species seems very crucial. Furthermore, taxonomic order of species in this book is not in accordance with recent ornithological references, so it may not be referable.

Scientific name → *Accipiter nisus* قرقی ← Persian name
 Eurasian sparrowhawk ← English name
 ترکی، قرقی، واشه، گیلانی، واشک (چی چینی)، لری: سنگک-باشو ← Local names

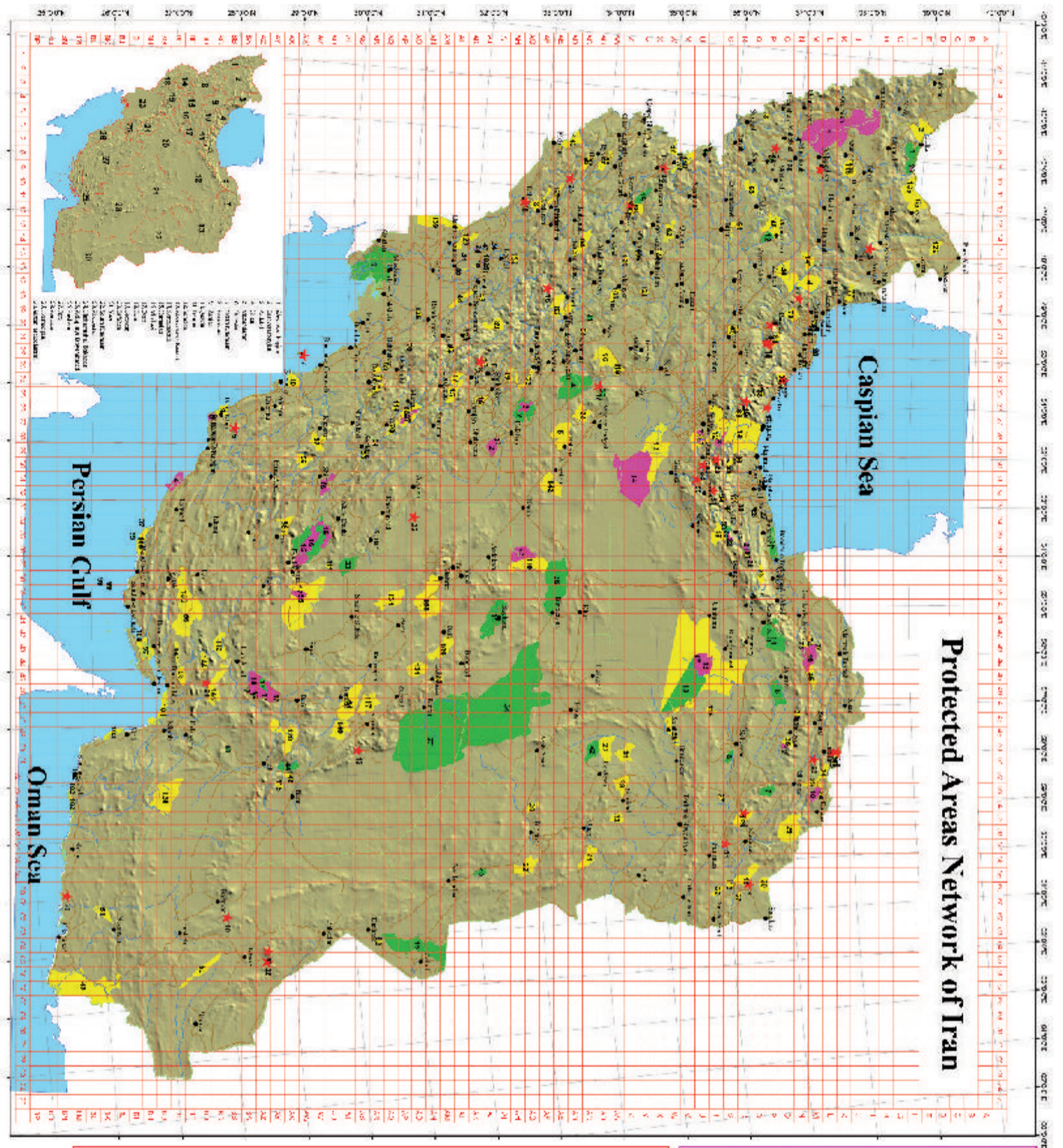
(2) Morphological characteristics

These include size of the bird and wing-span, colouration of male and female during breeding and non-breeding seasons, and colouration of the juvenile. Though this book is not a field guide, colouration of male, female, and juvenile is presented in utmost precision so as to provide sufficient data for field identification. However, it was not possible to include the morphology of every age group for birds such as birds of prey and gulls that reach maturity in a longer period of time (even up to four years). Thus, only general characteristics of immature birds are presented for such species and to correctly identify the immature birds, it is advised that readers consult more comprehensive sources. Since morphology is far from being a native science in Iran, some English terms identifying different plumage colours do not have appropriate Persian equivalents or several English terms are interpreted as the same colour in Persian. To overcome this problem, the best Persian equivalents were applied so as to lead to rightful understanding of the colours mentioned.

By thoroughly reviewing various literature, the sub-species of Iranian birds were introduced and the differences in morphology and distribution range were included in the texts. It must be considered that, certain identification of sub-species for many birds is extremely challenging and requires extensive morphological, genetic, and ecological research. Also, with prevailing disagreements on best taxonomy, some sub-species, considered as separate species for a period of time, are later joined into a single species. This continuous development of taxonomy made it difficult to introduce every sub-species with conformity.

(3) Biological characteristics

General information on habitat, social behaviour, flight, and diet are presented in this section. Breeding behaviour, from pairing to chick bearing, is also presented for species that breed in Iran. Due to the variations in climate across Iran, breeding may start at different periods of time in different parts of the country. Also, since European texts were used as the main source, breeding time presented in the book might not always be exact in every part of Iran. For instance, House Sparrow starts breeding in Tehran as early as mid-March, but nesting starts early June in Isfahan's Chadegan area. Thus, the book presents "early May" as the breeding



Protected Areas Network of Iran

- | Natural Parks | Wildlife Refuges | Protected Areas |
|---------------|------------------|-----------------|
| 1. Lohut | 1. Kashan | 76. Jahrom |
| 2. Rostard | 2. Fardis | 77. An |
| 3. Behabad | 3. Khatir | 78. Zabol |
| 4. Kish | 4. Shiraz | 79. Anzali |
| 5. Kish | 5. Shiraz | 80. Anzali |
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| 100. Kish | 100. Shiraz | 175. Anzali |

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Department of the Environment, Urban and Job Site and Protected Areas, Section of Ecogeographical and Sample Sampling Surveys

References: Department of the Environment, Urban and Job Site and Protected Areas, Section of Ecogeographical and Sample Sampling Surveys.



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The authors



Department of the Environment
I.R. IRAN

Introduction

Although geographically located in a dry part of the world, Iran encompasses a great variety of avifaunal diversity owing to the variety of climate and elevation, great water bodies, the Caspian Sea in the north and the warm waters of the Persian Gulf and the Oman Sea in the south, numerous rivers and wetlands, the Zagros and Alborz mountain ranges with permanent glaciers and high peaks, plains and playas of the central desert, the Caspian forests in the north and mangroves in the south, as well as being located at the intersection of the three Palearctic, Ethiopian, and Oriental ecozones. The 535 bird species recorded in Iran thus equal those of Europe and two-thirds of the bird species in the Middle East. Almost half of these species are migratory or passage migrants which utilize Iran's wetlands either as winter habitats or stopovers, making Iran a host to millions of birds migrating along the annual north-south and east-west migration routes.

In recent years, pollution and continuous droughts have led to a decrease in water levels of wetlands in Iran, causing a reduction in populations of many resident and migratory species such as Siberian Crane, Saker Falcon, White-headed Duck, Great Bustard, Golden Eagle, and Marbled Duck.

Acquiring sufficient field data and field guides on birds of Iran has proven to be one of the greatest challenges faced by conservationists. The present collection, prepared bilingually in Persian and English by a team of specialists and ornithologists, counts as one of the highest priority projects in Iran's Department of Environment. This atlas, compiled with the best available data, is an excellent first step in providing the scientific community and nature-lovers with an invaluable source on birds of Iran. Hopefully, as our knowledge gaps fill up and our current understandings are updated, the forthcoming editions of this source will be of even greater scientific value.

Farhad Dabiri
Deputy Head of Department of Environment



University of Tehran

Preface

Although forty years have passed since the publication of the book of Birds of Iran, this outstanding book is still widely used by scholars, students, and birdwatchers. However, the need for a reliable source providing sufficient information on Iranian bird species with an up-to-date account on their distribution, abundance, and habitat type, as well as fine pictures that would serve as valuable guides for scientists and birdwatchers and present the aesthetic values of birds was strongly felt. Moreover, presenting consistent data in English seemed very necessary in order to appropriately introduce the unique richness of Iran's bird species to scientists worldwide. With all these needs considered, Iran's Department of Environment proposed the preparation of such collection through collaboration with University of Tehran's Faculty of Natural Resources, Department of Environment.

Compilation of this collection proved to be a challenging process due to the lack of data on current status of birds in Iran, including seasonal distribution ranges and abundance as well as ecological characteristics in different habitats. Also, insufficient data on migration patterns of many migratory birds and passage migrants made it difficult to determine the status of many species with certainty. Additionally, the limited number of professional wildlife photographers was a serious obstacle in obtaining appropriate pictures for each species. Clearly, this collection, in the first attempt, faces deficiencies and flaws which were tried to be minimized as much as possible by getting helpful inputs generously provided by experts and researchers both from Iran and overseas.

Along with an apology for any possible imperfection in this book, I would like to express my gratitude to the experts, researchers, students, and nature-lovers who provided very valuable help, advice, and support.

Iran's vast area, the unique richness and diversity of its bird species, and the diversity of habitats types, along with the shortage of qualified ornithologists and experienced birdwatchers, makes it difficult to gain comprehensive and up-to-date statuses for each bird species in the country. Collecting the material for this book would not have been possible without the cooperation between all related bodies and Iran's Department of Environment. I hope that the production of this book would serve as an inspiration for Iranian experts and environmentalists to carry out more detailed and extensive researches on birds of Iran.

Mohammad Kaboli

Academic Staff, Faculty of Natural Resources, University of Tehran



Department of the Environment
I.R. IRAN

Forward

May God grant us the grace to understand the immense grandeur of his creation and align our actions so that they reflect the sense of appreciation we have for the rhythms of the mountains, forests, deserts and seas in our country. The variety which has provided for a great number of species) to flourish in Iran, including about 535 different species of birds to thrive in our land, equaling the richness of birds in Europe.

We are entrusted with the responsibility to take care of Iran's vastness of biodiversity in times when unsustainable use of land and its resources puts nature in danger of irreversible damage and loss. To facilitate any work to maintain this rich biodiversity, identifying what we have and compiling a reliable scientific source is an essential first step. This aim was fulfilled with the efforts of the many researchers and experts in the field of wildlife ecology and conservation whose hard work led to the preparation of this valuable book which will serve as a source of knowledge on the birds of Iran and smooth the path for those who care for the beautiful gifts of creation in our country and wish to make every effort to conserve them.

Masoumeh Ebtekar

Vice President

Head of Department of Environment of Iran

Atlas of Birds of Iran

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IN THE NAME OF GOD

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