Purchased with<br>a Gift from<br>DR. STORRS L. OLSON<br>and the<br>CULLMAN ENDOWMENT

420

## NATURAL HISTORY

of

## BRITISH BIRDS;

OR, A
SELECTION of the MOST RARE, BEAUTIFUL, and INTERESTING B I R D S

WHICH INHABIT THIS COUNTRY:
the descriptions from the $S Y S T E M A \quad N A T U R A$ ${ }^{\circ} \mathrm{F}$

LINN 压U
WITH
GENERAL OBSERVATIONS,
EITHER ORIGINAL, OR COLLECTED FROM THE LATEST AND MOST ESTEEMED

ENGLISH ORNITHOLOGISTS;
And embellishid with

$$
F \cdot I \quad G \quad U \quad R \quad E \quad S,
$$

drawn, engraved, and coloured from the original specimens.

By E. D O N O V A N.
V O L. VI.

LONDON:
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SCAMAK


## PLATE CXXV.

## COLUMBA TURTUR.

## TURTLE DOVE.

Passeres.

GENERIC CHARACTER.
Bill ftraight, defcending towards the tip : noftrils oblong, and hall covered with a foft tumid membrane.

$$
\begin{gathered}
\text { SPECIFIC CHARACTER } \\
\text { AND } \\
\text { SYNONYMS. }
\end{gathered}
$$

Tail feathers tipped with white: back grey : breaft fleh colour : each fide the neck a fpot of black feathers with white tips.

Columba Turtur: rectricibus apice albis, dorfo grifeo, pectore incarnato, macula laterali colli nigra lineolis albis. Scop. Ann. 1. n. 181.
Turtur. Olin. ucc. 34.-Brif. av. 1. p. 92. n. 7.-Norzem. nederl. Vogel.t. 6.
Tourterelle. Buff. Hijt. Oif. 2.p.545. t. 25.-Pl. Enl. n. 394. Turtle, or Turtle-dove. Brit. Zool. 1. n. 10 t. 45.-Albin. av. 2. t. 47 .

## P L A T E CXXV.

Turtle Doves inhabit Europe, and fome parts of Afia, being met with in China, and India. In Britain they are not uncommon during the fummer feafon, arriving however later in the fpring, and leaving the country earlier in autumn than any other of the pigeon tribe.

The conftancy of the Turtle-dove to its mate is proverbial. They build in general in the thickeft woods, forming their nefts on the branches of the loftieft trees: like the reft of the pigeons, they lay only two eggs; and, it is concluded, breed only once in a feafon. Thefe birds are of a fhy and timid difpofition, and feldom venture from their woody retreats in the day-time, unlefs in flocks of about $\boldsymbol{t}$ wenty together. They fubfift on berries, fruits, and various kinds of vegetables, and are efpecially partial to peas, the fields of which they vifit as foon as the crop begins to ripen, and oftentimes commit vaft depredations. There are feveral fuppofed varieties of this fpecies, fome of which may prove hereafter to be diftinct kinds.

This is a bird of extremely beautiful plumage, and meafures in length about twelve inches.


## PLATE CXXVI.

HIRUNDO RIPARIA.

## SAND MARTIN.

## Passeres.

## GENERIC CHARACTER.

Bill fmall, weak, incurvated, fubulate, and depreffed at the bafe: gape larger than the head: tongue fhort, broad, and cleft : wings long: tail generally furcated.
SPECIFIC CHARACTER

> AND
> $S Y N O N Y M S$.

Cinereous, throat and abdomen white.
Hirundo riparia : cinerea, gula abdomineque albis. Linn. Fn. Suec. 273.

Kram.el.p. 381.n. 4.
Mïll. Zool. p. 34.n. 289.
Hirundo riparia. Gefn.av. 656.
Aldr. orn. 2.p. 694. t. 695.
Ray av. p. 71.n.3.
Hirondelle de rivage. Buff. Hijt. Nat. 6. b. 632.-Pl. enl. n. 643.

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$$

Uferfchwalbe.

## PLATE CXXVI.

Uferfchwalbe. Frifch.av.t. 18. Georg. it. p. 175.
Sand-Martin, or Shore-bird. Arct. Zool. 2.p. 430. \%. 332.
Will. orn.p.213.t.s9.

A fmall bird of very delicate appearance, meafuring rather lefs than five inches in length, and having the upper part of the plumage brown, the lower white. This little fpecies inhabits various parts of Europe and America: in Britain, it may be confidered, if not a rare, at leaft a very local fpecies.

The Sand-Martin, as its name implies, is in a great meafure peculiar to fandy places. Their ufual haunts are the fides of fandbanks contiguous to lakes and rivers, where they live in deep openings, dug in an horizontal courfe, and at the furtheft end of which receffes the neft is depofited. Sometimes the neft of the SandMartin is built in cavities of rocks, fand-pits, or hollow trees; almoft invariably, however, on the banks of lakes or rivers, the old birds fubfiling, for the moft part, on the infects which it takes on the wing when fkimming the furface of the water.

The nelt confifts of fibres of grafs, intermixed with ftraw, and a few feathers: the eggs, about fix in number, are of a beautiful white colour, and tranfparent. It cannot be abfolutely afferted whether the Sand-Martin has two, or only a fingle brood in the year.


## PLATE CXXVII.

## MEROPS APIASTER.

 COMMON BEE-EATER.Pice.<br>GENERIC CHARACTER.

Bill curved, quadrangular, compreffed, carinate, pointed: nofrils fmall, at the bafe of the bill : tongue flender, the tip mofly jagged : feet grefforial.

> SPECIFIC CHARACTER AND SYNONYMS.

Back ferruginous: abdomen and tail green-blue : two tail feathers longeft : throat yellow.

Merops apiaster: dorfo ferrugineo, abdomine caudaque viridicœrulefcente, reCtricibus duabus longioribus, gula lutea. Gmel. Syf. 1. p. 460.-Linn. Syf. 1. p. 182. 1.

Merops galilæus. Hafelg. It. 247.-Fr. Arab.p.1.
Bienenfraas. Wirfing. Vog. t. 27.
La Merope. Cet. uc. Sard.t.p. 93.
Ifpida cauda molli, Kram. El. p. 337.

## PLATE CXXVII.

Bee-eater. Will.p. 147.<br>Albis. 2. t. 44.<br>Linn. Tranf. v. 3. p. 333.

The Common Bee-eater is a bird of very fplendid plumage, the male in particular, the colours in that fex being of a more vivid caft than in the female. It has been denominated the European Beeeater; a term not, perhaps, fufficiently difcriminate, fince another fpecies of the fame genus, the Merops Congenor, is alfo found in Europe. Neither is the Merops Apiafter peculiar to Europe : it extends both to Africa and Afia : in Europe it is confined to fouthern countries, and in Afia to more temperate regions.

Till within the laft few years, this fpecies was altogether unknown as a native of Britain. The firft account we have of its being met with in this country, is recorded in the third volume of the Linnæan Tranfactions, from which it appears, that a folitary example of the fpecies was fhot in the year 1794, and communicated to Dr. Smith.

This bird meafures about ten inches, from the tip of the bill to the end of the tail. Its food confifts of infects of various kinds, more efpecially thofe of the bee tribe, in reference to which it bears the name of Bee-eater. Their nefts are faid to be compofed of mofs, and to be depofited, like that of the fand-martin, in deep holes in the banks of rivers. The eggs are fmaller than thofe of a blackbird, of a white colour, and from five to feven in number.


## PLATE CXXVIII.

## PERDIX COTURNIX.

## COMMON QUAIL.

## Galline.

generic character.
Bill convex and frong : noftrils with a prominent margin : orbits papillous: legs naked, and mofly armed with a fpur.

## SPECIFIC CHARACTER <br> AND <br> SYNONYMS.

Legs unarmed : body grey, fpotted: eye-brows white: tail feather with ferruginous edge and crefcent.

Perdix Coturnix: mutica, corpore grifeo maculato, fuperciliis albis, rectricibus margine lunulaque ferruginea. Lath. Ind. Orn. t. 2. p. 651.n. 28.
Tetrao Coturnix. Linn. Syf. 1. p. 278. 20.-Fn. Suec. No. 206.-Gmel. Syf. 1. p. 765.
Quaglia. Zinnan. Uov. p. 36. t. 5.f. 19.
Wachtel. Gunth. Nef. u. Ey. t. 35.
La Caille. Buff. 2.p.449. t. 16.—Plo enl. 170.
Quail. Arct. Zool. 2.p. 320.B.
Albin, 1. t. 30.
Br. Zool. 1. No. 97.
Vol. VI.
The

## PLATE CXXVIII.

The Quail is a fmall bird, about feven inches and a half in length; the female differs from the male, in being deffitute of the black fpots on the fore part of the neck, breaf, and lateral feathers, and in the rufous fpace being paler.

This bird occurs in the greateft plenty throughout Ruffia, Tartary, China, and other parts of India, changing its fituation in immenfe flocks according to the feafons, in the fpring proceeding northward, and returning fouthward in autumn. In the iflands of the Archipelago, and the fouth of Eirope, they appear at certain times in immenfe myriads. Twice in the year, it is faid, they come in fuch vaft abundance into the ifland of Capri, that the bifhop derives the chief part of his revenue from them; and on the weft coaft of the kingdom of Naples, within the fpace of four or five miles, an hundred thoufand have been taken in a day. The Quail is not a common bird in this country, although it breeds with us: during the fummer it is found in the northern counties, and migrates fouth in autumn. Thefe birds feed on corn, and other grain.


## PLATE CXXIX.

## ANAS ACUTA.

## PIN-TAIL DUCK.

Anseres.
GENERIC CHARACTER.

Bill convex, obtufe, the edges divided into lamellate teetn : tongue fringed and obtufe : three fore toes folitary.

$$
\begin{gathered}
\text { SPECIFIC CHARACTER } \\
\text { AND } \\
\text { SYNONYMS. }
\end{gathered}
$$

Tail pointed, elongated, and black beneath ; hind head on each fide with a white line: back waved cinereous.

Anas Acuta: cauda acuminata elongata fubtus nigra, occipite utrinque linea alba, dorfo cinereo undulato. Linn. Fn. Suec. 126.
Anas cauda forcipata pedibus longiore, macula alarum cupreo-fufca. Kram, el. p. 340.
Anas longicauda. Brif.av.6.p.369.n.16.t.34.f.1.2.
Anas Seevogel. Aldr. Orn. 3. p. 229.
Canard à longue queue. Buff. Hift. Nat. 9. p. 199. t. 13...-Pl. Enl. N. 954.

## PLATE CXXIX.

Sea Pheasant, or Craker. Ray, av.p. 147. A.s.
Pin-tail. Arct. Zool. 2. p. 566.n. 500.
Brit. Zool. 2. n. 282.

A native of Europe, Afia, and America. Sometimes thefe birds appear in fmall flocks on the Englifh coafts during the winter feafon, but depart again to the northward early in the fpring. They are feen at this feafon in Sweden and Denmark, and are fuppofed to breed in the north of thofe kingdoms. They abound throughout the Ruffian territories as far as Kamtfchatka, at which latter place they breed and live till the approach of winter. According to Decouver, the fpecies appears at particular feafons, in troops of feveral hundred together, on the borders of the river Don. It is likewife faid to breed at Hudfon's Bay, in America.

The male of the Pintail Duck is an interefting bird, poffeffing, in addition to a beautifully varied plumage, a peculiar degree of elegance in its manners and general ápect. Its length is twenty-eight inches, and weight twenty-four ounces. The female, as ufual in the duck tribe, fmaller, and more dufky, and is in particular diftinguifhed by having a fpot of firaw-colour on the wing initead of violet. The young males remain of a greyifh brown, not very unlike the plumage of the females, till the fpring after they are hatched, when they affume their proper plumage, The flefh is excellent,


## PLATE CXXX.

## CORVUS MONEDULA.

## JACKDAW.

Pica.

## GENERIC CHARACTER.

Bill convex, acutely edged : noftrils covered with fetaceous ren cumbent feathers: tongue cartilaginous and bifid: feet formed for walking.

$$
\begin{gathered}
\mathbb{S P E C I F I C ~ C H A R A C T E R} \\
\text { AND } \\
\text { SYNO NYMS. }
\end{gathered}
$$

Blackifh brown : hind head hoary : front, wings, and tail black.
Corvus monedula : fufco nigricans, occipite incano, fronte alis caudaque nigris. Gmel. Syf. Nat. 1. p. 367.Linn. Syft. 1.p. 156. 6.-Fn. Suec. No. 89.
Cornix garrula. Klein.av.p.59.4.
Dohle. Gunth. Nef. und Eyer. p. 51. t. 11.
Taccola. Cett. uc. Sard. p. 72.
Mulacchia hera. Zinnan. Uov.p. 71. t. 10.f. 62.
Jackdaw. Arct. Zool. 2.p. 251. C.
Br. Zool, 1, No. 81. t. 34.

## PLATE CXXX.

The Jackdaw, one of the moff familiar and well-known birds of its tribe in this country, does not appear to be by any means fo abundant throughout the reft of Europe as fome others which are lefs frequent with us. In England they are feen at all feafons; in France and Germany, which countries they inhabit likewife, they are migratory. In Sweden and Denmark they are pretty conflant inhabitants. The fpecies occurs alfo in the weftern part of Siberia, and a fuppofed variety extends as far as Perfia.

In a wild ftate, the haunts of this bird are the moft retired places among rocks, or ruined edifices, in the cavities of which they confruct their nefts : occafionally they build in trees, but not commonly. Their eggs, from five to fix in number, are of a paler colour, and have a fmaller number of fpots, than the hooded crow.

This fpecies feeds on infects, grain, and feeds. It is of a docile difpofition, and may be eafily rendered tame, but invariably retains its pilfering inclinations even in a flate of domeftication. The note of this bird is very peculiar:-an ejaculation of the words Jakdaw, Jakdaw, not indiftinctly articulated, and repeated at regular intervals; this note is often heard while the bird is on the wing.


## PLATE CXXXI.

## PERDIX RUFA. <br> RED-LEGGED PARTRIDGE.

> Galifine.

## GENERIC CHARACTER.

Bill convex, and ftrong : nofrils with a prominent margin : orbith papillous: legs naked, and moflly armed with a fpur.

## SPECIFIC CHARACTER <br> AND <br> SYNONYMS.

Legs and bill fanguineous: chin white, furrounded with a black band, and fpotted with white.

Perdix rufa. Lath. Ind. Orn.647.n. 12.
Tetrao rufus: pedibus roftroque fanguineis, gula alba cincta fafcia nigra albo-punctata. Kram. el. n. $35 \%$. n. 5 .

Tetrao rufus: rectricibus cinereis, fuperiore medictate hinc inde rufis. Linn. Fn. Suec. 171.
Perdix græca. Brif.av.1. p.241.n.12. t. 23.f. 1.
Bartavelle. Buff. Hijt. Nat. 2. p. 420.
Red Partridge. Albin.av. 1.p.27.
Greek Partridge, or Great Red Partridge. Will. Orn.p. 169.

## PLATE CXXXI.

This is a bird of confiderable beauty, and is found in fuch vaft abundance in the ifland of Guernfey, as to have obtained the appellation of Guernfey Partridge. Birds of the fame fpecies have been alfo fhot in a wild ftate on the coafts of Norfolk, Kent, and Suffolk, which latier circumftances tend, in our minds, more fully to eftablifh its claim to a place in the Britifh Fauna, than its being an indigenous inhabitant of Guernfey ifland. Some attempts have been made to naturalize the fpecies in the fouthern counties of England, which have not, however, been ultimately attended with the fuccefs anticipated. The flefh is in much efteem, and the birds, for this reafon, are often brought over to England from Guernfey, or, in times of peace, from France, to fupply the tables of the affluent.

Throughout the whole of the fouth of Europe, and alfo in Afia and Africa, thefe birds occur in the greateft plenty ; fo much, indeed, that in fome of the Greek iflands, the natives deftroy as many of their eggs as poffible, in order to diminifh their numbers; a precaution highly neceffary for the prefervation of their corn-harvefts, which often fuftain vaft injury from their depredations, as thefe birds affociate in immenfe flocks, and fubfift principally on grain during that feafon. In many refpects, their manners accord with thofe of the common partridge, though, in the latter particular, they differ materially, the partridge being a folitary bird; and it is obfervable likewife, that the Red-legged Partridges occafionally perch on trees, which is altogether unufual with the common kind. There appears to be two or more varieties of this fpecies of partridge.


## PLATE CXXXII.

## anas Clangula.

GOLDEN EYE DUCK.
Anseres.

## GENERIC CHARACTER.

Bill convex, obtufe, the edges divided into lamellate teeth : tongue fringed and obtufe : three fore toes connected, the hind one folitary.

$$
\begin{gathered}
\text { SPECIFIC CHARACTER } \\
\text { AND } \\
\text { SYNONYMS. }
\end{gathered}
$$

Varied with black and white : head tumid, and violet; at each corner of the mouth a large white fpot.

Anas clangula: nigro alboque varia, capite tumido violaceo:
finu oris macula alba. Linn. Fn. Suec. 192.It. oel. 49.
Clangula. Geffin.av. 119.-Aldr. orn.3.p. 224.
Garrot. Buff. Hiff. Nat. 9. p. 222. pl. enl. n. 802.
Kobelente. Frifch. av. t. 183. 184.
Quakerente. Bloch Befch. der Berl. Naturf. Fr. 4. p. 599. n. 9. t. 17. fig. 1. 2.

Smaller Reddifh Duck. Will. Orn.p. 369. Ray av. p. 142.n. 1.
Voz. VI.

## PLATE CXXXII.

Goldeneye. Albin. 1.t. 9 e.

$$
\begin{aligned}
& \text { Arct. Zool. 2. p. 557. n. 486: } \\
& \text { Brit. Zool. 2. n. 276. }
\end{aligned}
$$

This fpecies of Duck rather exceeds the common fize, meafuring nearly twenty inches in length, and weighing thirty ounces. This relates to the male only, the female being much fmaller. The latter differs likewife very confiderably in the colour of its plumage, which is principally of an obfcure brown, varied with black and afh. The head is dark and reddifh, the breaft and belly white; the middle quillfeathers are alfo white, but the reit of the wings, except the coverts and fcapulars, in which the grey prevails, is black. The tail is of the laftmentioned colour; the legs dufky.

The Golden Eye is of the migratory kind, and vifits us only in the winter, at which feafon it is feen in fmall flocks on many of our feacoafts. In the fpring thefe birds retire northward, remaining, during the breeding feafon, in Ruffia, Norway, and Sweden. In America it is found throughout the fummer in Hudfon's Bay, where it is obferved to frequent frelh water lakes. Its principal food confifts of fhell-fifh, frogs, and other reptiles, mice, \&c. The neft, which is compofed of grafs, and lined with feathers, is of a rounded form, the eggs from feven to ten in number, and white. Linnæus tells us, this fpecies fometimes builds in trees, a circumfance rather fingular, but neverthelefs, we believe, correctly ftated, as fome other fpecies of the duck tribe have been known to build occafionally in the fame or fimilar fituations.


## PLATE CXXXIII.

## PELECANUS CARBO.

## CORVORANT.

## Anseres. <br> GENERIC CHARACTER.

Bill fraight, hooked at the point, and furnifhed with a nail : noftrils an obliterated flit : face rather naked : legs equally balancing the body : toes four, palmated.

## SPECIFIC CHARACTER

AND
SYNONYMS.
Tail rounded : body black: head fubcrefted.
Prlecanus Carbo: cauda rotundata, corpore nigro, capite fubcriftato. Linn. Fr. Suec. 145.
Phalacrocorax. Gefn.av. 683
Corvus aquaticus. Aldr. Orn. 3.p.261. t. 263.
Cormoran, Buff. Hiff. Nat. 8.p. 310. t. 26.
Corvorant. Arcf. Zool. 2.p. 581. n. 509.
: . . : . Brit. Zool. 2. n. 291.

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## PLATE CXXXIII.

The Corvorant meafures three feet in length, in breadth four feet, and weighs feven pounds.

Towards the northern parts of Europe the fe birds are more abund, ant than in the fouth. They breed in Kamtichatka, Greenland, Iceland, and other countries of the north, and from their habits of life are almoft conftantly found contiguous to the fea. Their breedingplaces are the higheft and moft inacceffible cliffs impending over the fea fhore. It does not appear that they evince much ingenuity in the formation of a neft, and they lay only about three or four eggs, which are the fize of thofe of a goofe, and of a pale green colour. The Corvorant is an extremely voracious bird, and preys chiefly on fifh, in purfuit of which it is continually feen fwimming and darting into the water. The flefh is very indifferent, and eaten only by the Greenlanders, who, however, are by no means partial to it, and their eggs are fo difgufting that they are never eaten. The fkins, in common with thofe of moft other birds, furnifh the natives with an article of drefs. In Britain the Corvorant is uncommon on the fouthern coaft, but is fill more abundant on the fea coafts of the northern counties.

In China the Corvorant is trained up for the purpofe of fifhing, in which employ they are very ufeful to the fifhermen; many of whom keep feveral of them, and derive a goad livelihood from their labours. Thefe birds are taught to plunge into the water at their mafter's command, and feize the fifh in his bill, or with the bill and talons together, and bring it to his mafter; or if the fifh be too large, two of the Coryorants affift each other. To enfure obedience, it is however neceffary to faften a ring round their necks, which prevents them from fwallowing their prize ; and when the butinefs of fifhing is over for the day, the mafter takes off the ring, and rewards them

## PLATE CXXXIII.

with a fhare of the fpoil. According to Willughby, this mode of taking fifh was practifed formerly in England: the Corvorants were infructed to dive into the water, and after laying the captive fifh at the feet of his mafter, perch upon his arm. The beft writers give little credit to this account, or confider it as a rare inftance, at leaft, of the docile difpofition of the Corvorant. A leather thong was faftened round the throat of the bird, which anfwered the fame puso pofe as the ring put round their neck by the Chinefe.


## PLATE CXXXIV.

## MOTACILLA TROGLODYTES,

## WREN.

Passeres.

## GENERIC CHARACTER.

Bill fubulate, and ftraight: the mandibles nearly equal: noftrils oval : tongue lacerated at the end.

$$
\begin{gathered}
\text { SPECIFIC CHARACTER } \\
\text { AND } \\
\text { SYNONYMS. }
\end{gathered}
$$

Grey: eyebrows white: wings waved with black and cinereous.
Motacilla Troglodites; grifea, alis nigris cinereoque undulatis. Linn. Fn. Suec. 261.

Scop. ann. 1. n. 239.
Nozem. nederl. Vogel. 1. 58.
Regulus. Brif.av. 3. p. 425.n. 24.
Reattino. Olin. ucc. t. 6.
Roitelet. Buff. pl. enl. n. 651. f. 2.
Zaunkoenig. Frijch.av. t. 24.f. я.
Wren. Arct. Zool. 2.p. 414. n. 322.
Ray av.p. 80.n. 11.
Brit. Zool. 1, n. 154.

## PLATE CXXXIV.

This pretty tittle bird is efteemed the fmalleft of the European' fpecies, the Golden Crefted W4en excepted. It inhabits the temperate parts of northern Europe, and the fouth of Afia.

The Wren remains in Britain throughout the year. The neft is of an oval form, compofed of mofs lined with feathers, and having a fmall entrance in the middle. The female has two broods annually, one in April, the other in June, at each time laying from ten to fixteen eggs, which are of a white colour, and marked at the end with reddifh. Its neft is commonly found affixed againft outhoufes, or old walls, or, if built in the woods, fands generally on a low ftump among bufhes near the ground.

The note of this bird is a pleafing warble, heard at all feafons of the year, but only in the day-time.


## PLATE CXXXV.

## ANAS FERRUGINEA.

## FERRUGINOUS DUCK.

Anseres.

GENERIC CHARACTER.
Bill convex, obtufe, the edges divided into lamellate teeth : tongue fringed and obtufe; three fore toes folitary.

## SPECIFIC CHARACTER

> AND
> SYNONYMS.

Chefnut, breaft and belly paler: bill dilated and rounded at the tip; and with the legs blueifh,

Anas ferrucinea: fpadicea, roftro dilatato et apice rotundato pedibufque carulefcentibus, Gmel. Linn. Syl. Nat. 528. n. 99.
Anasritula, Fr. Suec.n. 134.
Ferruginous Duck. Arct. Zool. 2.p,576. N.
Lath. Syn. 3. 2. p. 585. n. 71.

## PLATE CXXXV.

'Tlis Duck is about the middle fize, meafuring in length fifteen inches, and weighing twenty ounces. The fpecies has been found in the Swedifh rivers, and in Denmark, but ver $;$ rarely. A folitary fpecimen was killed in Lincolnfhire fome years ago, a circumftance recorded by Mr. Pennant in his Britifh Zoology.


## PLATE CXXXVI.

## ALAUDA ARBOREA.

 WOOD-LARK.
## Pasieres.

## GENERIC CHARACTER.

Bill cylindric, fubulate, and fraight: the mandibles equal, and a little gaping at the bafe : tongue bifid : hind claw fraight, and longer than the toe.

$$
\begin{gathered}
\text { SPECIFIC CHARACTER } \\
\text { AND } \\
\text { SYNONYMS. }
\end{gathered}
$$

Head furrounded by a white annular fillet.
Alauda arborea: capite annulari alba cineto. Linn. Fn. Suec. 3.-Scop. Ann. 1.n. 186.

Alauda rectricibus fufcis: prima oblique dimidiato-alba, fecunda, tertia quartaque macula alba cuneiformi. $F_{n}$. Suec. 1. n. 192.
Alauda arborea. Brif.av.3.p.340. n. 2. t. 20.f. 1.
Alouette de bois ou Cujelier. Buff._Hijt. Nat. 5. p. 25.-Pl. enl. 660. f. a.

Woodlark. Arct. Zool. 2.p. 395.
Ray av.p.69.n.2.
Albin.av. 1. t. 42.

## PLATE CXXXVI.

The Woodlark is believed to be a general inhabitant of Europe and Siberia, extending as far as Kamtfchatka. In its general appearance it affimilates much more with the fkylark, than in its manners of life, and is obferved to be far lefs common than that fpecies. The fkylark delights in the open fields and meadows, the other is a more retired and timid bird, prefers woody fituations, and often perches on trees, which the fkylark never does. The Woodlark whifles like the blackbird, and, like the fkylark, emits its note in flight; it fings alfo during the night while perched on the boughs of trees.

Thefe birds build their neft on the ground, and lay five eggs of a light colour, blotched with brown : the neft, like that of the fkylark, is compofed of dry grafs, lined with foft hair. It pairs earlier in the feafon than the fkylark, and has two broods in the year.


## PLATE CXXXVII.

## PICUS MEDIUS.

## MIDDLE SPOTTED WOODPECKER.

Pice.

> GENERIC CHARACTER.

Bill angular, ftraight, cuneated at the tip: noftrils covered with recumbent fetaceous feathers: tongue round, worm-fhaped, very long, and offeous, miffile, daggered, and befet at the point with briftles bent back: tail feathers ten in number, hard, rigid, and pointed : feet climbers.

$$
\begin{gathered}
S P E C I F I C \text { CHARACTER } \\
\text { AND } \\
\text { SYNONYMS. }
\end{gathered}
$$

Variegated with black and white: crown crimfon: fpace round the eyes and fides of the neck white.

Picus medius: albo nigroque varius, criffo pileoque rubris. Linn. Syft. 1.p. 176. 18.-Fn. Suec. No. 101.Gmel. Syy. 1. p. 426.5-Lath. Ind. Orn. 229. n. 14.

Picus varius minor. Ray. Syn. p. 43.5.
Picus varius. Bril. 4. p. 38. 14. t. 2.f.1.

## PLA TE CXXXVII.

Der mittlere Buntfpechte. Wirfing. Vog. t. 37.
Pic varié à tête rouge. Buff. Pl. Enl. 611. Middle Spotted Woodpecker. Aret. Zool. 2.p. 278. D. Brit. Zool. 1. No.86. t. 37.

A native of Europe; in its manners of life refembling the reft of its tribe, living chiefly in woods, and fubfifting principally on infects, which it picks out of the trunks of decayed trees. Its length is about eight inches and a half.

Whether the Middle and the Greater Spotted Woodpeckers are of the fame fpecies, differing only in the tranfition of the plumage from an incomplete to a more perfect flate, or that it is in reality diffinct, appears to have excited confiderable doubts in the opinions of ornithologifts; fome contending they are, and others that they are not the fame. It is poffible the former furmife may be correct, though at the fame time it cannot but be obferved, that the characters of the two kinds appear fufficiently conftant and obvious to authorife a different conclufion. The principal diffinction that prevails in the two birds confilts in the Middle Spotied Woodpecker having the whole crown of the head crimfon, while in the Greater Spotted, the crimfon fpace is confined to a broad band on the hind head. The latter bird is rather larger, and meafures half an inch more in the length than the other. Except the difference above-mentioned, the plumage in both pretty nearly alike.


## PLATE CXXXVIII.

## FRINGILLA SPINUS.

SISKIN,<br>Passeres.<br>GENERIC CHARACTER.<br>Bill conic, fraight, and pointed.<br>SPECIFIC CHARACTER<br>AND<br>SYNONYMS.

Quill feathers yellow in the middle, the firf four without fpots: tail feathers yellow at the bafe, and at the tip black.

Fringilla Spinus: remigibus medio luteis: primis quatuor immaculatis, rectricibus bafi flavis apice nigris. Iinn. Fn. Suec. 237. Scop. Ann. 1. n. 222.
Acanthus avicula. Gefn.av. 1.
Ligurinus, Briffoav. 3.p.65.n.4.
Tarin. Buff. Hift. Nat. 4, p. 221.
Abadavine, Albin.av. 3.t.76.
Zeifchen. Fricch.av.t.11.
Georg. it.p. 174.
Siskin, or Aberdevine. Brit. Zool, 129. t. 5\%.

## PLATE CXXXVIII.

The Sifkin is a pretty little fpecies of the finch tribe, about the fize of the common linnet: the crown of the male is black, the back greenifh, and the throat brown : in the female the head and neck is greenifh afh, with brown fpots, and the chin whitifh. The plumage of the male is brighter than that of the female, though in other refpect their appearance is not materially different.

This bird is common throughout mof of the temperate countries of Europe : it occurs alfo in the weftern and fouthern parts of Ruffia, but does not inhabit Siberia. In the winter feafon it vifits Britain, and departs again in Spring. It feeds chiefly on feeds of various kinds, is of a docile difpofition, and breeds freely with the common canary-bird. Its note is indifferent, notwithfanding many rank it among the birds of fong.


## PLATE CXXXIX.

## PROCELLARIA PELAGICA;

## STORMY PETREL.

## Anseres.

## GENERIGCHARACTER.

Bill toothlefs, a little compreffed, and hooked at the point: man. dibles equal : noftrils cylindrical, tubular, truncated, and placed at the bafe of the bill: feet palmated, three toed forward, and armed with a fpur behind initead of back toe.

## SPECIFIC CHARACTER

and
SYNO NYMS.

Black : rump white.
Procellaria pelagica: nigra uropygio albo. Linn. Fn. Sueco 143.-Act. Stockh. 1745. p. 99.-Gmel. Linn. Syft. Nat.t. 1. n. 2.p.561.n. 1.
Procellaria. Brif.av. 6. p. 140.n. 1.t. 13.f. 1.
Oifeau de tempete. Buff. Hift. Nat, 9. p. 327. t. 23.-Pl. enl. n 993.

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## PLATE CXXXXX。

Peterel. Cluf.exot. 368. Damp. Voy.3.p. 97. Stormfinch, or little Petterel. Alb.av. 3. t. 92.

Will. Orn.p. 395.
Stormy Petrel. Arct. Zool. 2.p.536.n.464.

This is our fmalleft kind of Petrel, being in fize not larger than a fivallow, and meafuring in length only fix inches. Thefe birds are feldom feen on land except in the breeding feafon, but are met with in moft latitudes at fea; large flocks of them often fettle about fhips to reft themfelves, efpecially in the Atlantic ocean. When they fly low, and hover clofe round the ftern of the fhip, it is confidered by mariners as the certain prelude of a form.

The Stormy Petrel fwims and dives extremely well, and is obferved to remain much longer under water than almoft any other bird. They are generally on the wing, fkimming the furface of the waves, or dipping into the water. It is aftonifhing to fee with what a perfect degree of fafety this little creature çan brave the perils of the tempef, gliding with the utmoft velocity over the furface of the waves, then plunging into the deep, and rifing again upon the fummits of the billows.

The food of thefe little birds appear to be the fmall fifh and marine worms which they satch in fwimming or diving. In the night-time they are very noify, though feldom heard in the day, unlefs in cloudy weather. They are fuppeled to breed in the northern ifles of Scot-

## PLATE CXXXIX.

land, Stragglers have been occafionaily found inland, but very rarely. We poffefs one fpecimen, formerly in the Leverian collection, which is affirmed to have been hot at Walthamfow, in Effex.

$$
=
$$



# PLATE CXL. 

ANAS FULIGULA.
TUFTED DUCK.

## Anseris.

## GENERIC CHARACTER.

Bill convex, obtufe, the edges divided into lamellate teeth : tongue fringed and obtufe : three fore toes connected; hind toe folitary.

## SPECIFIC CHARACTER

> AND

$$
S Y N O N Y M S
$$

Creft pendent; body black: abdomen and wing fpot white.
Anas fulicula: crifta dependente, corpore nigro, abdomine fpeculoque alarum albis. Linn. Fn. Suet. 132. -Scop. ann. 1. n. 78.-Kram. el. p. 341.n. 12.
Anas fuligula, Gefn. Av. 107. Aldr. Orn.3.p.221.

Murillon. Buff. Hift. Nat. 9. p. 227. 231, t. 15.-Pl. Ent. \% 1001.

Tueted Duck. ArEt. Zool. 2.p.573. G.
Br. Zool. 2. n. 274.

## PLATE CXL.

A winter inhabitant of the Britifh ifles. This bird is fixteen inches in length; the male in general black, finely gloffed with purple and green, with the belly white, and the creft long and pendent. The female is like the male, except in having the colour of the plumage more inclining to brown, and being deflitute of a creft. In the young birds, the head, neck, and breaft are chefnut ; the back, wings, and tail black.

The Tufted Duck inhabits moft parts of Europe, and northern Afia, vifiting, like many other of the Duck tribe, the fouthern climates in winter, and retiring northward in the fummer to breed ; the flefh is excellent.

## PLATE CXLI.

## TRINGA INTERPRES.

## TURNSTONE.

## Gralife.

## GENERIC CHARACTER.

Bill roundifh, as long as the head : noftrils fmall, linear : tongue flender : feet four toed: the hind toe of one joint, and raifed from the ground.

$$
\begin{gathered}
\text { SPECIFIC CHARACTER } \\
\text { AND } \\
\text { SYNONYMS. }
\end{gathered}
$$

Legs red: body black, variegated with white, and ferruginous: breaft and belly white.

Tringa Interpres: pedibus rubris, corpore nigro, albo ferrugineoque vario, pectore abdomineque albo, Linn. It. Gotl. 217.-Fn. Suec. 178.—Gmel, Linn. Syf. Nat. t. 1.p. 9.p. 671. n. 4.
Le Coulon-chaud. Brif. Orn.5.p.132.1.
Le Tourne-pierre. Buff. Oif. 8: p. 150.pl. 10.
Turnstone, or Sea Dotterel. Ray Syn.p.112. A.5.
Lath. Gen. Syn. 3. p. 188. n. 37.

## PLATECXLİ.

This fpecies of Sandpiper is about eight inches and a half in length. It inhabits the fea-coafts both of Eúropé and America, and has obtained the name of Turnfone from its peculiar method of turning up the ftones on the fea-fhore by means of its bill, when in fearch of the fmaller littoral worms and fifhes on which it feeds.

In Britain thefe birds are local, and almoft confined to the moft remote and unfrequented fhores. It occurs at the extremity of the weftern promontory about Penzance, on the northern fhores of Wales, and in the Hebrides. They build only a flight neft, which is depofited on the ground, and lay four eggs of an olive colour, fpotted with black. Thefe birds are feen moft commonly in flocks of three or four together.


# PLATE CXLII. 

## FRINGILLA CCELEBS.

## CHAFFINCH.

Passeres.

GENERIC CHARACTER.
Bill conic, ftraight, and pointed.

SPECIFIC CHARACTER
AND
SYNO NYMS.
Limbs black: quill feathers white on both fides, the three fir without fpots : two of the tail feathers obliquely white.

Fringilla calebs: artubus nigris, remigibus utrinque albis: tribus primis immaculatis, rectricibus duabus oblique albis. Linn. Fn. Suec. 232. t. 2.f. 199. -Gmel. Linn. Syf. Nat. t. 1. p. 2. p. 901, n. 3.

Fringilla. Gefn.av. 387.—Ald. Orn.2.p.815.
Fringilla fylvia. Scop. Ann. 1.n. 217.
Fringuello. Olin. ucc. t. 31.
Pinfon. Buff. Hift. Nat. 4. p. 109. t. 4.
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## PLATE CXLII.

Cemptinch. Ray.av.p.88.n. 16.
Will. Orn.p.253.t. 45.
Arct. Zool. 2. p. 381. F.
Brit. Zool. 1.n. 125.

One of the mof abundant fpecies of the Finch tribe found in Britain. The male Chaffinch is a bird of very beautiful, and elegantly varied plumage; the female more obfcure, and inclining to yellow; and it is alfo deftitute of the vinaceous reddifh hues confpicuous on the breaft, and other parts of the male bird.-There are numberlefs varieties of this fpecies differing in the colours of their plumage, the mof curious of which are thofe either entirely white or black, or with the crown and collar white.

The Chaffinch is a native of Europe, and fome parts of Afia, and is more or lefs migratory in different countries. With us both fexes are feen at all feafons of the year, from whence it is concluded, that if they do migrate from Britain, it is only in a very partial degree. It is a fingular circumftance, that the males do not commonly migrate with the females, whole flocks of the latter being frequently feen in flight from one part to another, unaccompanied by any males. In Sweden in particular, it is well known, that they migrate in flocks to Holland every year, and conftantly leave the males behind.

The neft of this bird is compofed of dried vegetables, fibres, and mofs, lined with hair, wool, or feathers, and is ufually

## PLATE CXLII.

ufually found in the midft of thickfet bufhes, at no great height from the ground. The eggs, five or fix in number, are of a pale reddifh grey, marked at the broadef end with blackifh fpots.


## PLATE CXLIII.

## PICUS TRIDACTYLUS.

## NORTHERN THREE TOED WOODPECKER.

Pice.<br>GENERIC CHARACTER.

Bill angular, ftraight, cuneated at the tip : noitrils covered with recumbent fetaceous feathers: tongue round, worm-fhaped, very long, and offeous, miffile, daggered, and befet at the point with brifles bent back: tail feathers ten in number, hard, rigid, and pointed : feet climbers.
SPECIFIC CHARACTER

$$
\begin{gathered}
\mathrm{AND} \\
\text { SYNO NYMS. }
\end{gathered}
$$

Variegated with black and white: legs three toed.
Picustridactylus: albo nigroque varius, pedibus tridactylis.
Linn. Fn. Suec. No. 103.-Gmel. Syf. 1. p. 439.
—Borowfl. Nat. 2. p. 138.8.
Three-toed Woodpecker. Arct. Zool. 2. No. 168.
Lath. Ind. Orn, 1.p.243. n. 56.

## P L A T E CXLIII.

The Northern Three-toed Woodpecker is an inhabitant of the colder climates of Europe, as Sweden, Lapland, and Ruffia, as far as the Don river. Towards the fouth it extends to Auffria and Switzerland, in the laft of which it appears to be moff frequent, the fpecies delighting in the higheft mountainous fituations. The fpecies, though fo widely diffufed, is not common, and in Britain particularly is very rare. A folitary individual of this kind was lately fhot in the north of Scotland, upon the authority of which the fpecies is inferted among the migratory vifitants of the Britifh ifles.

In point of fize, this bird rather exceeds the greater fpotted woodpecker in bulk, and meafures in length nine inches: the female is the fize of the male, and refembles it in every refpect, except in the colour of the crown, which in the male is yellow, and in the female white. Should the fouthern three-toed woodpecker prove to be a variety of this fpecies, as is generally believed, this is the only three。 toed kind of wondpecker at prefent known, the reft of the genus having four toes, two forward, and two behind.


## PLATE CXLIV.

## URIA GRYLLE.

BLACK GUILLEMOT.

Anseres.

## GENERIC CHARACTER.

Bill fraight, and fubulate; the tip of the upper mandible flightly bent, the bafe fub-plumofe: noftrils linear, and at the bafe : tongue nearly fame length as the bill : legs compreffed, tridactyle, and all placed forward.

## SPECIFIC CHARACTER

AND
SYNO NYMS.

Body deep black : wing-coverts white:
Uria Grylee. Latb. Ind. Orn.2.p.797.n.2.
Colymbus Grylle: corpore atro, tectricibus alarum albis, Linn. Fn. Suec. 148.

Brun. No. 113.
Colymbus Grœenlandicus. Klein.av. p.168. 2.
Uria minor nigra, Columba Groelandica. Brif.6. p. 76. 3.
Le Petit Guillemot noir. Buff. 9. p. 354.
Greenland Dove, or Sea Turtle. Albin. 2.,1.80.
Black Guillemot. Arct. Zool. 2. No. 437.
Br. Zool. 2. No. 236.

## PLATE CXLIV.

This is a very fcarce fpecies in Britain. It is confined chiefly to the ifle of St. Kilda, and Bafs ifland in Scotland ; and the Farn ifles on the coaft of Northumberland, and has been alfo feen on the rocks in the north of Caernarvonfhire, but rarely. To the north of Europe, as far as Greenland, this bird occurs in vaft numbers. The principal food is fifh, in purfuit of which it dives and fwims with fingular dexterity. Thefe birds have a moft awkward gait in walking ; in flight they appear mofly in pairs, the male accompanying the female.

The length of this bird is about fourteen inches: the plumage very deep black, with a white patch more or lefs obfcured with dufky fpots, according to the age of the bird, and the legs fcarlet. The plumage is alfo obferved to vary much in different feafons, as well as in the younger birds, the black being often intermixed with dufky brown, and whitifh. Thefe birds breed in crevices of the rocks in maritime fituations, and lay either one or two eggs, the fize of thofe of the common hen, the colour white, with grey patches, and fpots of black.


## PLATE CXLV.

STURNUS VULGARIS.
COMMON STARLING.

## Passeres.

GENERIC CHARACTER.
Bill fubulate, angular, depreffed, bluntifh; the upper mandible entire, fomewhat open at the edges: noffrils furrounded with a pro. minent rim : tongue notched, pointed.

SPECIFIC CHARACTER

> AND

SYNONYMS.
Bill yellowifh: body black, with white dots.
Sturnus vulgaris: roftro flavefcente, corpore nigro punctis albis. Linn. Fn. Suec. 213.-Gmel. Linn. Syf. Nat. t. 1. p. 2. p. 801. 1.
Sturnus. Gefn.av. 747.
Aldr. Orn. 2. p. 631.
Storno. Ol. ucc.t. 18.
Etourneau. Buff. Hif. Nat, 3. p. 176. t. 15.
Stare, or Starling. Ray av.p.67.n.1.
Brit. Zool. 1.n. 104.

## PLATE CXLV．

The common Starling is from eight inches and a half to nine inches in length ；the male rather larger than the female，and brighter in the colours of the plumage ；the prevailing colour is blackifh，in fome parts brown，very fplendidly gloffed with purple，green，and gold， and fpotted nearly throughout with milky white．

The Starling is a native of Europe，Afia，and Africa，and is feen in Britain in large flocks during the winter feafon．They build in the hollows of decayed trees，rocks，and ruined edifices，forming a neft of very flight contexture，confifting of leaves and twigs ：their eggs are from five to $f_{i} x$ in number，and of a greenifh－afh colour．In a wild fate，they feed on infects，and various kinds of grain ：they are of a docile difpofition，and eafily taught to fpeak．During the winter feafon，they are not unfrequently killed in vaft numbers，and expofed for fale in the markets，notwithflanding that the flefh is bitter，and jill ⿴囗⿱一一⿻儿口一的oured，


## PLATE CXLVI.

## CHARADRIUS CALIDRIS.

## SANDERLING PLOVER, or CURWILLET.

## Gralle.

## GENERIC CHARACTER.

Bill roundifh, obtufe, ftraight: nofrils linear: feet formed for running, and three-toed.

## SPECIFIC CHARACTER

$$
\begin{gathered}
\mathrm{AND} \\
\text { SYNONYMS. }
\end{gathered}
$$

Bill and legs black: lores and rump greyifh; body beneath white ${ }_{5}$ without fpots.

Charadrius Calidris: roftro pedibufque nigris, loris uropyo gioque fubgrifeis, corpore fubtus albo immaculato. Georg. It. p. 172.
Calidris grifea minor. Briff. av. 5. p. 236. n. 17.t. 20.f. 2. Sanderling, or Curwillet. Brit. Zool. n. 212. t.73.-Ray av.p.109. n. 11.-Will. Orn. p. 303.-Lath. Syn. 3. 1. po 197. n. 4.

## PLATE CXLVI.

The name of Sanderling is indifcriminately applied, by different writers, to two very diftinct birds of the Grallx order, namely, the Common Purre, or Ox-bird (Tringa Cinclus) and the prefent fpecies, Charadrius Calidris; and to obviate mifunderflanding in this refpect, it is conceived the latter may, with fome propriety, be denominated the Sanderling Plover.

About eight inches is the ufual length of this bird: its colours above cincreous, with the head, back of the neck, and fides of the breaf, dafhed with black ftreaks: wings greyifh and brown, with the edges of the feathers pale, and quill feathers dufky : tail brownif. with pale margins. The fpecies is fubject to occafional variation in the colour of the plumage.

Thefe birds appear in fmall flocks on the fandy fhores of Cornwall daring the winter feafon; and are rarely obferved, it is believed, on any other part of the Englifh coaft. On the continent of Europe the fpecies is not common; in North America it is more abundant.

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{ }^{6}
$$

## PLATE CXLVII.

## ANAS COLLARIS.

## COLLARED DUCK:

## Anseres.

GENERIC CHARACTER.
Bill convex, and obtufe, the edges divided into lamellate teeth : tongue fringed, obtufe : three fore toes connected, the pofterior one folitary.
SPECIFIC CHARACTER.

Anas Collaris. Black-brown: beneath white: head gloffed with green-violet: neck encircled with a fub. ferruginous ring: wing-fpot cinereous.

A fpecimen of this curious Duck occurred to us in the month of January, 1801, among a number of other wild fowl expofed for fale in Leadenhall-market, London; and fo far as we have been hitherto able to determine, it appears to be not only new as a Britih bird, but altogether undefcribed. Its fize rather exceeds that of the common widgeon. The colour above is blackifh, as is likewife the head and neck, the former of which is richly gloffed with purple and green,

## PLATE CXLVII.

and the latter furrounded in the middle with a pretty and very difinct collar of deep ferruginous: the lower part of the throat, and upper part of the breaft, are black; the belly white, mottled with dufky towards the pofterior end, and in the region of the vent deep fuifous. The bill and legs dufky. This bird is certainly of the male fex, and is fuppofed to have been taken in the fens of Lincolnfhire.


## PLATE CXLVIII.

## ALAUDA MINOR.

FIELD-LARK.

## Passeres.

GENERIC CHARACTER.
Bill cylindrical, fubulate, and ftraight: the mandibles equal, and a little gaping at the bafe: tongue bifid : pofterior claw ftraight, and longer than the toe.

## SPECIFIC CHARACTER

 ANDSYNONYMS.
Reddifh brown, fpotted beneath: chin and belly white: throat and breaft obfcure yellow : exterior edge of the two outer tail feathers white.

Alauda minor: ex rufefcente fufca, rectricibus extimis duabus extrorfum albis. Gmel. Linn. Syf. Nat. t. 1. p. 2. p. 793. n. 12.

Alauda minor: rubro-fufca fubtus maculata, gula abdomineque albis, jugulo pectoreque obfcure flavefcentibus. Lath. Ind. Orn. 2. p. 494. 8.
Lesser Field Lark. Will. Ornop. 207.
Field Lark. Arct. Zool. 2.p. 395. D.
Brit. Zool. Ne. 139.

## PLATE CXL.VIII.

Inferior in fize to the fky-lark, and larger than the tit-lark, forming, in this refpect, an intermediate fpecies between the two.

The Field-lark, in the general afpect of its plumage, refembles the tit-lark; its colour reddifh brown, with dufky fpots; the chin and belly white; throat and breaft yellowifh, dafhed with dufky. In its haunts and manners of life, it bears more affinity to the wood-lark, preferring woody fituations, and often perching on trees. Its note is diftinct and melodious. The neft is faid to be moft commonly built on the ground, or among the loweft bufhes.

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