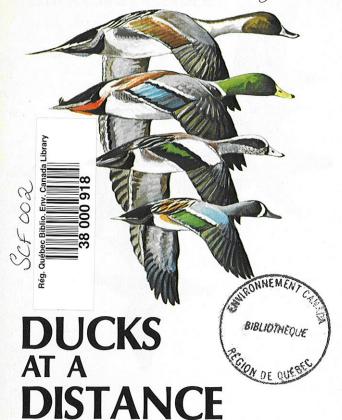
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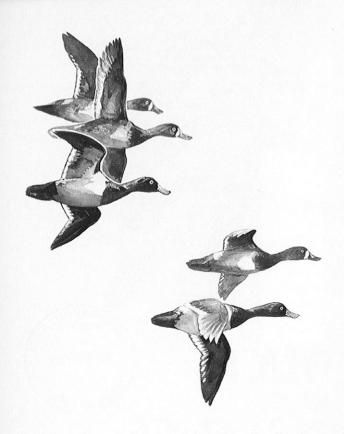
Luguet



A WATERFOWL IDENTIFICATION
GUIDE

DEPARTMENT OF THE INTERIOR U.S. Fish and Wildlife Service

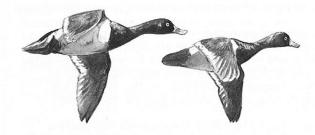
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The Canadian Wildlife Service is able to make this Waterfowl Identification Guide available in Canada through the kind co-operation of the United States Fish and Wildlife Service.

Ducks at a Distance

By Bob Hines
DEPARTMENT OF THE INTERIOR
U.S. Fish and Wildlife Service



Washington, D.C. 1978

Reprinted by Canadian Wildlife Service Environment Canada Ottawa 1979

Identification is Important

Identifying waterfowl gives many hours of enjoyment to millions of people. This guide will help you recognize birds on the wing—it emphasizes their fall and winter plumage patterns as well as size, shape, and flight characteristics. It does not include local names.

Recognizing the species of ducks and geese can be rewarding to birdwatchers and hunters—and the ducks.

Hunters can contribute to their own sport by not firing at those species that are either protected or scarce, and needed as breeders to restore the flocks. It can add to their daily limit; when extra birds of certain species can be taken legally, hunters who know their ducks on the wing come out ahead.

Knowing a mallard from a merganser has another side: gourmets prefer a corn-fed mallard to the fish duck.



What to Look For

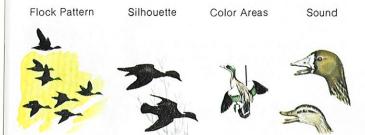
Differences in size, shape, plumage patterns and colors, wing beat, flocking behavior, voice, and habitat—all help to distinguish one species from another.

Flock maneuvers in the air are clues. Mallards, pintails, and wigeon form loose groups; teal and shovelers flash by in small, compact bunches; at a distance, canvasbacks shift from waving lines to temporary V's.

Closer up, individual silhouettes are important. Variations of head shapes and sizes, lengths of wings and tails, and fat bodies or slim can be seen.

Within shotgun range, color areas can be important. Light conditions might make them look different, but their size and location are positive keys. The sound of their wings can help as much as their calls. Flying goldeneyes make a whistling sound; wood ducks move with a swish; canvasbacks make a steady rushing sound. Not all ducks quack; many whistle, squeal, or grunt.

Although not a hard and fast rule, different species tend to use different types of habitat. Puddle ducks like shallow marshes and creeks while divers prefer larger, deeper, and more open waters.



Eclipse Plumage



Puddle Ducks

Puddle ducks are typically birds of fresh, shallow marshes and rivers rather than of large lakes and bays. They are good divers, but usually feed by dabbling or tipping rather than submerging.

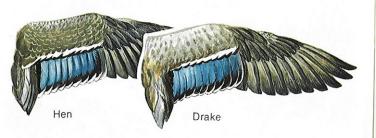
The speculum, or colored wing patch, is generally irridescent and bright, and often a telltale field mark.

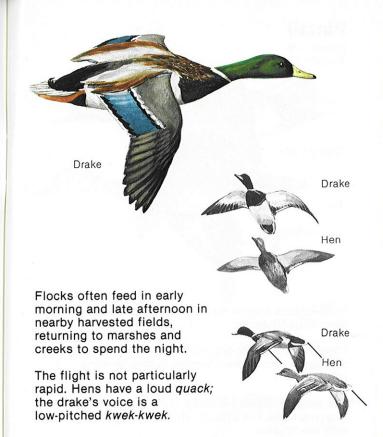
Any duck feeding in croplands will likely be a puddle duck, for most of this group are sure-footed and can walk and run well on land. Their diet is mostly vegetable, and grain-fed mallards or pintails or acorn-fattened wood ducks are highly regarded as food.





The mallard is our most common duck, found in all flyways. The males are often called "greenheads." The main wintering area is the lower Mississippi basin, and along the gulf coast, but many stay as far north as open waters permits.



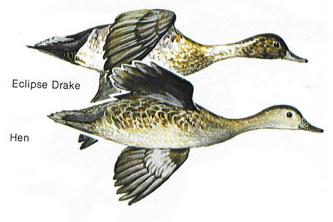


Typical Flock Pattern



Pintail

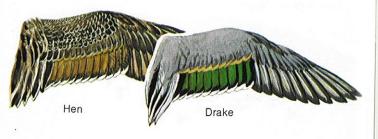
Length—26" Weight—13/4 lbs.

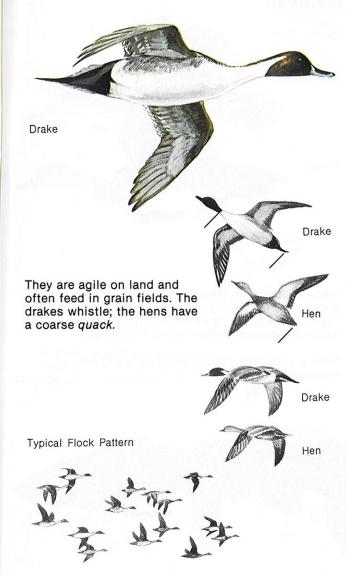


These ducks use all four flyways, but are most plentiful in the west.

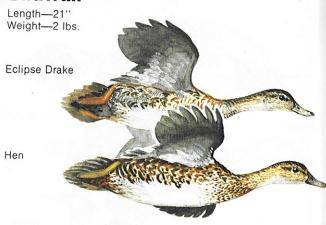
They are extremely graceful and fast fliers, fond of zig-zagging from great heights before leveling off to land.

The long neck and tail make them appear longer than mallards, but in body size and weight they are smaller.





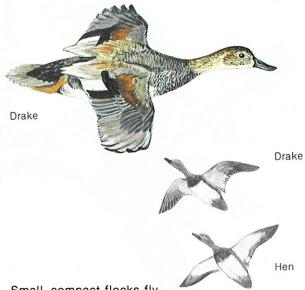
Gadwall



Gadwalls are most numerous in the Central Flyway, but not too common anywhere. They are often called "gray mallards" or "gray ducks." They are one of the earliest migrants, seldom facing cold weather.

They are the only puddle ducks with a white speculum.





Small, compact flocks fly swiftly, usually in a direct line. Wingbeats are rapid.

Drakes whistle and *kack-kack*; hens *quack* like a mallard, but softer.



Typical Flock Pattern





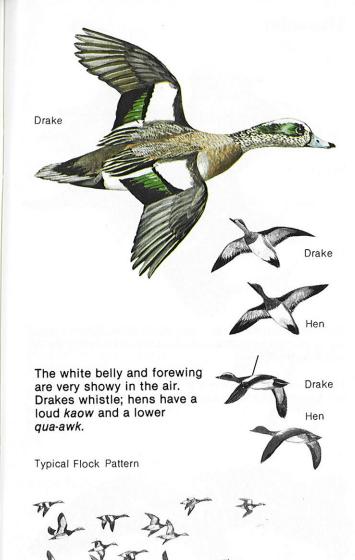
Hen



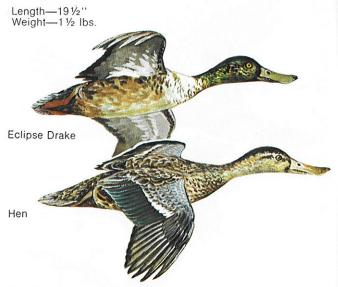
These are nervous birds, quick to take alarm. Their flight is fast, irregular, with many twists and turns. In a bunched flock, their movements have been compared to those of pigeons.

When open water is handy, wigeons often raft up offshore until late afternoon when they move to marshes and ponds to feed.





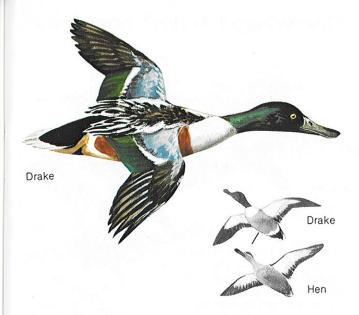
Shoveler



Shovelers, 'spoonbills' to many, are early migrants, moving out at the first frost. The largest numbers are in the Central and Pacific flyways.

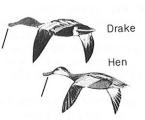
The usual flight is steady and direct. When startled, the small flocks twist and turn in the air like teal.





They are not highly regarded as table birds, because one third of the usual diet is animal matter.

Drakes call woh-woh and took-took; the hen's quack is feeble.

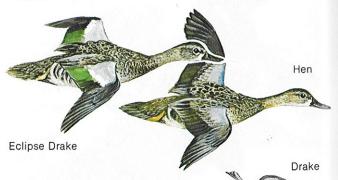


Typical Flock Pattern



Blue-Winged Teal

Length—16" Weight—15 oz.



Their small size and twisting turning flight gives the illusion of great speed. The small, compact flocks commonly fly low over the marshes, and often take the hunter by surprise.

They are more vocal than most ducks—their high-pitched peeping and nasal quacking is commonly heard in spring and to a lesser extent in fall.

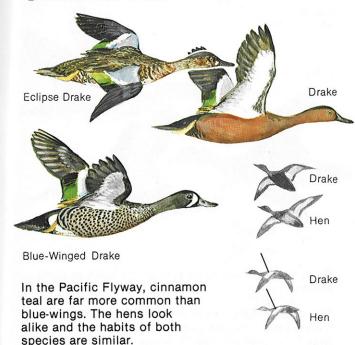
These teal are among the first ducks to migrate each fall, and one of the last in the spring.



Drake

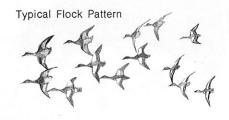


Cinnamon Teal



The pale blue forewing patch is the best field mark, as drakes are usually in eclipse until January or longer.

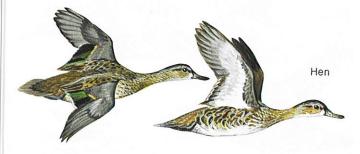
Drakes have a whistling peep; hens utter a low quack.



Green-Winged Teal

Length—15 in. Weight—14 oz.

Eclipse Drake

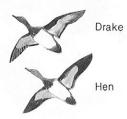


Quite hardy—some birds stay as far north as open water is found.

The smallest and one of the most common of our ducks. Their tiny size gives the impression of great speed, but mallards can fly faster. Their flight is often low, erratic, with the entire flock twisting and turning as one unit.







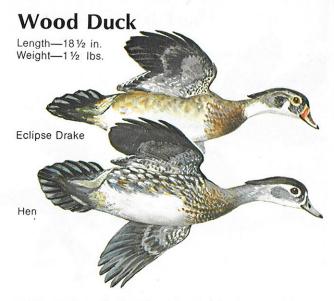
They nest as far north as Alaska, and migrate in all four flyways. Early fall drakes are usually still in full eclipse plumage.

Drakes whistle and twitter; hens have a slight quack.



Typical Flock Pattern





Found in all flyways; most numerous in the Atlantic and Mississippi flyways and fewest in the Central.

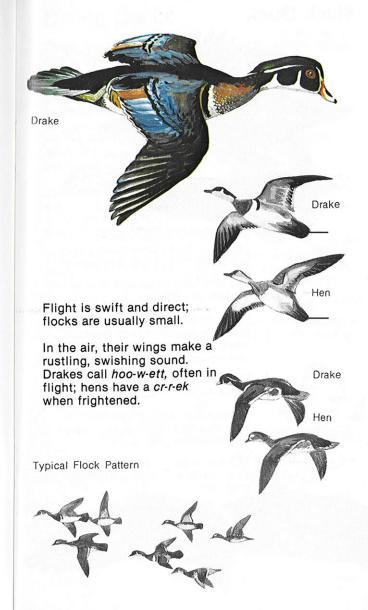
They are early migrants; most of them have left the northern States by mid-November.

Frequents wooded streams and ponds; perches in trees. Flies through thick timber with speed and ease and often feeds on acorns, berries, and grapes on the forest floors.

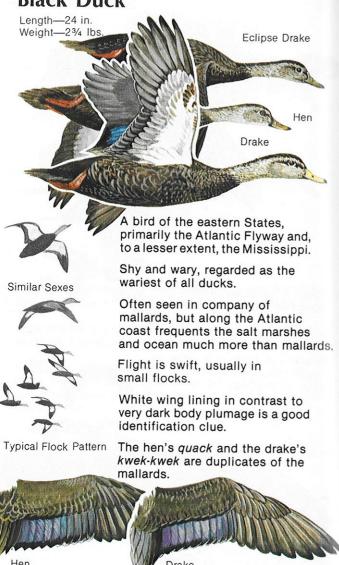


Hen

Drake



Black Duck



Diving Ducks

Diving ducks frequent the larger, deeper lakes and rivers, and coastal bays and inlets.

The colored wing patches of these birds lack the brilliance of the speculums of puddle ducks. Since many of them have short tails, their huge, paddle feet may be used as rudders in flight, and are often visible on flying birds. When launching into flight, most of this group patter along the water before becoming airborne.

They feed by diving, often to considerable depths. To escape danger, they can travel great distances underwater, emerging only enough to show their head before submerging again.

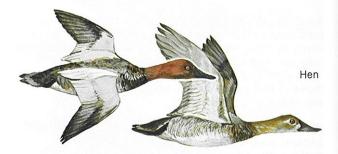
Their diets of fish, shellfish, mollusks, and aquatic plants make then second choice, as a group, for sportsmen. Canvasbacks and redheads fattened on eel grass or wild celery are notable exceptions.

Since their wings are smaller in proportion to the size and weight of their bodies, they have a more rapid wingbeat than puddle ducks.



Canvasback

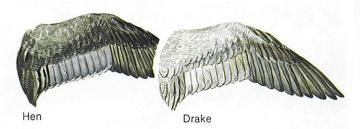
Length—22 in. Weight—3 lbs.



Eclipse Drake

Normally late to start south, canvasbacks migrate in lines and irregular V's.

In feeding areas, compact flocks fly in indefinite formations. Their wingbeat is rapid and noisy; their speed is the swiftest of all our ducks.

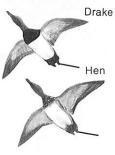


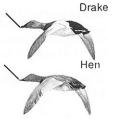


Feeding behavior is highly variable. In some areas they feed at night and spend the day rafted up in open waters; in other areas they feed inshore mornings and evenings.

On the water, body size and head shape distinguish them from scaups and redheads.

Drakes croak, peep, and growl; hens have a mallard-like quack.

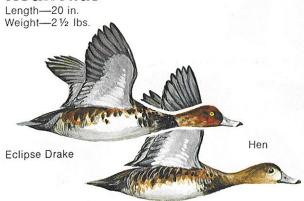




Typical Flock Pattern



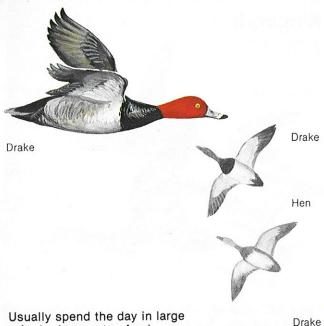
Redheads



Range coast to coast, with the largest numbers in the Central Flyway. Migratory flocks travel in V's; move in irregular formations over feeding areas. Often found associating with canvasback.

In the air, they give the impression of always being in a hurry.





Usually spend the day in large rafts in deep water; feed morning and evening in shallower sections.

Drakes *purr* and *meow;* hens have a loud *squak*. higher than a hen mallard's.



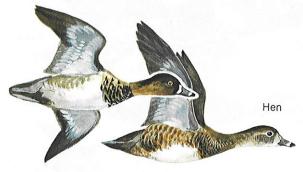
Typical Flock Pattern



Ringneck

Length—17 in. Weight—21/2 lbs.





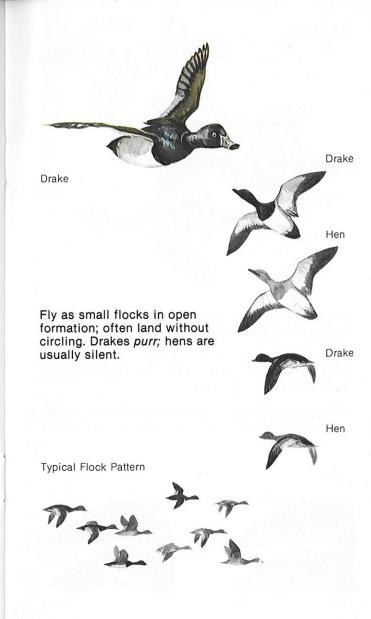
Similar in appearance to scaups, but more often found in fresh marshes and wooded ponds. In flight, the dark wings are different from the white-edged wings of scaup.

Faint brown ring on drake's neck never shows in the field; light bands at tip and base of bill are conspicuous.



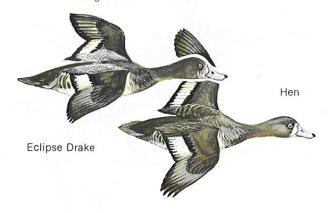
Hen

Drake



Scaup

Greater—Length—18½ in. Weight—2 lbs. Lesser—Length—17 in. Weight—11½



Except for the wing marks, greater and lesser scaup appear nearly identical in the field.

The light band near the trailing edges of the wings runs almost to the tip in the greater scaup, but only about half way in the lesser.

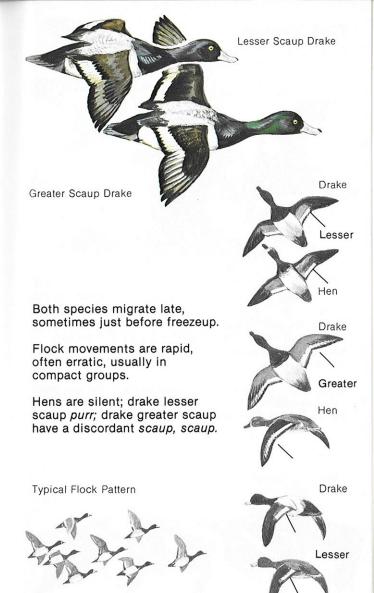
Greater scaup prefer large open water areas; lesser scaup often use marshes and ponds.

Lesser

Greater







Hen

Goldeneye

Common-Length-19 in. Weight-21/4 lbs.

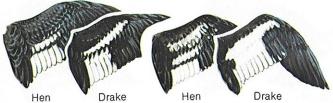
Barrow's-Length-19 in. Weight-23/4 lbs.

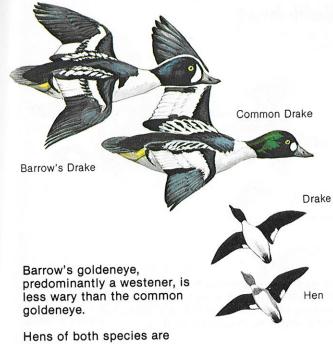


These are active, strong-winged fliers moving singly or in small flocks, often high in the air. Distinctive wing-whistling sound in flight has earned the name of whistlers.

Goldeneves generally move south late in the season; most of them winter on coastal waters and the Great Lakes. Inland, they like rapids and fast water.

Barrow's Common

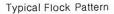




look-alikes.

Drakes have a piercing speer-speer-hens a low quack. Both are usually quiet.



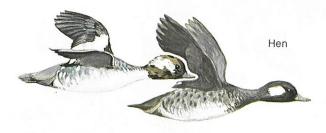






Bufflehead

Length—14½ in Weight—1 lb.



Eclipse Drake

Stragglers migrate south in mid-fall, but the largest numbers move just ahead of freezeup. Most flocks in feeding areas are small—5 or 6 birds, with more hens and immatures than adult drakes.

Very small size, bold black and white color pattern, and low, swift flight are field marks. Unlike most divers, they can fly straight up from a watery takeoff.

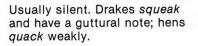


Hen

Drake



Largest concentrations are on both seacoasts and along the Gulf of Mexico. Inland, they will remain as far north as open water permits.





Hen





Ruddy

Length—15½ in. Weight—1⅓ lbs.



The ruddy duck often dives or swims away from danger rather than flying. When flying, their small wings stroke so fast they resemble bumblebees.

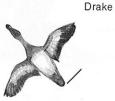




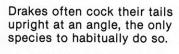
Sexes Similar



Summer Drake



They are early to mid-fall migrants.



Both hens and drakes are silent in the fall.



Drake



Hen





Red-Breasted Merganser

Length-23 in. Weight-21/2 lbs.



Drake



These birds winter most abundantly in coastal waters, including the Gulf of Mexico, and to a lesser extent, the Great Lakes.

Their flight, strong and direct, is usually low over the water. They are difficult to distinguish in flight from the common merganser.

Voice: Seldom heard.

Drake



Typical Flock Pattern



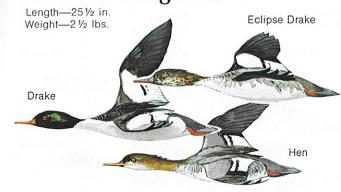




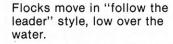


Drake Hen

Common Merganser



This species is larger than the red-breasted merganser, and is one of the largest of our ducks. It is one of the last to migrate south, and is more common than the red-breasted merganser on inland waters.



The only call seems to be a startled croak.





Drake



Hen



Drake

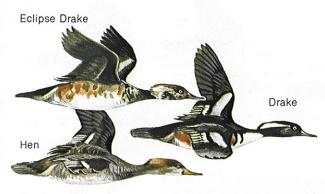


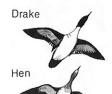
Hen



Hooded Merganser

Length—18 in. Weight—11/2 lbs.





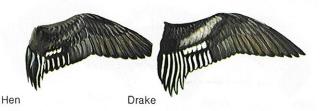
Often seen in pairs, or very small flocks. Short rapid wingstrokes create an impression of great speed.



Winters in the inland waters of all coastal States; seldom goes to salt water.



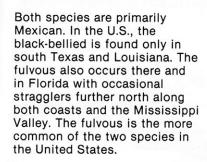
Voice: Seldom heard in fall.

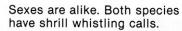


Whistling Ducks



The trailing legs and rounded wings of these slow flying ducks makes them look bigger than they are.







Fulvous

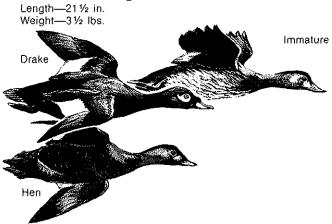


Black-Bellied



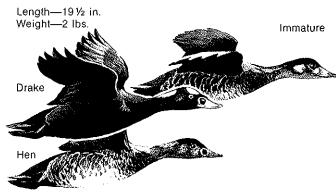


White-Winged Scoter



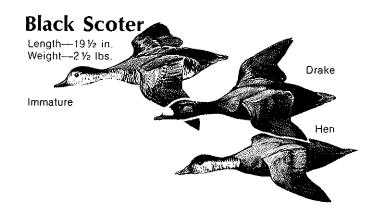
The three scoters on these two pages are sea ducks, wintering on open coastal waters. White-wings are among the heaviest and largest of all ducks.

Surf Scoter



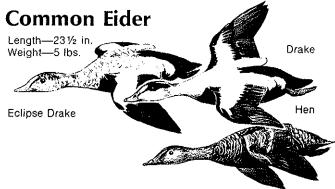
Like all scoters, these birds move along our coasts in loose flocks, stringing into irregular, wavy lines. Drakes can be distinguished from other scoters by two white patches on their head and the bright color of the bill.

Flight is strong, direct, usually close to the waves.



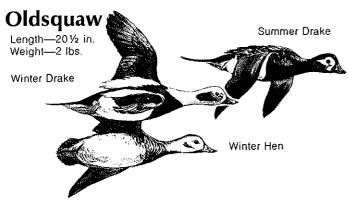
In flight, drakes appear all black except for the flash of the slight gray underwing and the bright yellow swelling at the base of the upper bill.

Scoters feed on mollusks, crabs, and some fish and very little vegetation. They are locally known as "coots."



Thick-necked stocky birds, alternately flapping and sailing in flight; flocks string out in a line, close to the water. Occurs in the United States chiefly along New England coasts and occasionally south to New Jersey.

Other eiders—king, spectacled and Stellar's—occur in Alaska and are not pictured in this guide. King eiders occasionally are found in north Atlantic coastal waters.



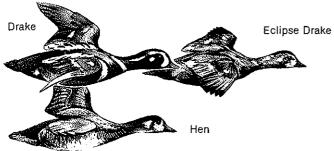
A slim, brightly plumaged sea duck. Smaller than the scoters or eiders.

Flight is swift and low with constantly changing flock formations. Ranges along both coasts and the Great Lakes.

One of the most vocal of ducks; drakes have a loud pleasant caloo, caloo, constantly heard.

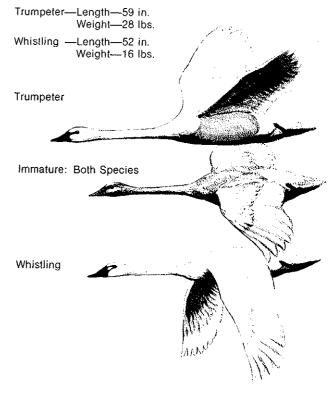
Harlequin

Length—17 in. Weight—1 ½ lbs.



Glossy slate-blue plumage enlivened by white stripes and spots give the adult male harlequin a striking appearance. The female resembles a small female scoter. At a distance, both sexes look black. Flight is swift, with abrupt turns. Flocks are small and compact. Ranges both coasts, north from New Jersey and San Francisco. Uncommon.

Swans



Once thought to be rare, trumpeter swans are slowly increasing in Alaska and on western refuges and parks.

Whistling swans are common and increasing. They winter near Chesapeake Bay, San Francisco Bay, Puget Sound and Salton Sea. Occasionally found in fields.

Both species are large with pure white plumage.



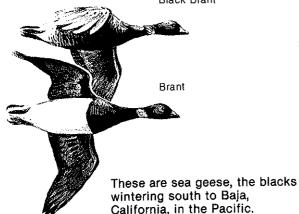
Numerous and popular, Canada geese are often called "honkers." Includes several races varying in weight from 3 to over 12 pounds.

All have black heads and necks, white cheeks, similar habitats and voices. Sexes are identical.

Brant

Length-24-25 in. Weight-31/4-33/4 lbs.

Black Brant

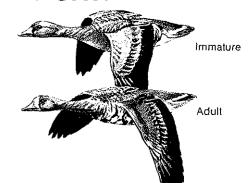


The Atlantic race winters from Virginia northward. Flight is swift, in irregular and changing flock patterns.



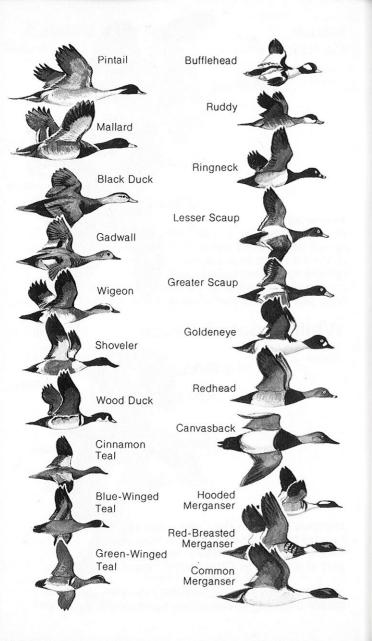
White-Fronted Geese

Length—29 in. Weight—61/4 lbs.



Migrates chiefly in the Central and Pacific flyways but also present in the Mississippi. Rare in the Atlantic Flyway. Appears brownish gray at a distance. Often called "specklebelly".

Most distinctive characteristic of the V-shaped flocks is the high pitched call kow-kow-kow-kow.





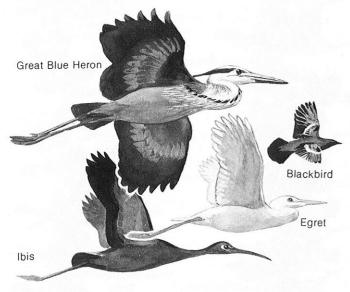
Wetlands Attract Wildlife

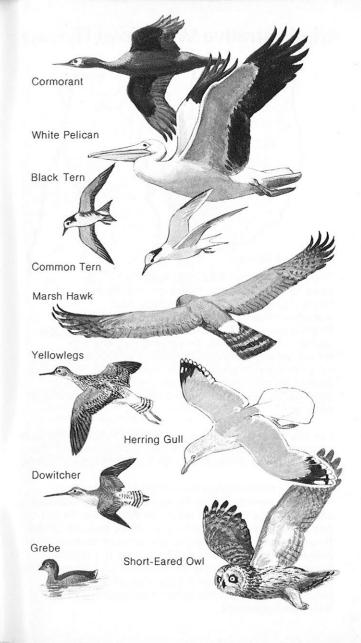
There's more than just ducks in our marshes. Knowing and identifying other birds and animals add to the enjoyment of being in a blind.

The same sources of food and shelter that draw waterfowl to ponds and marshes also attract other forms of wildlife.

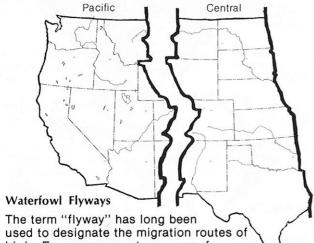
Protected species are sometimes more numerous than ducks or geese.

Money from Duck Stamp sales is used exclusively to purchase wetlands, preserving areas for ducks, geese, and all wildlife for the enjoyment and pleasure of hunters and non-hunters alike.





Administrative Waterfowl Flyways



used to designate the migration routes of birds. For management purposes, four waterfowl flyways—Pacific, Central, Mississippi, and Atlantic—were established in the United States in 1948. To varying degrees the waterfowl populations using each of these flyways differ in abundance, species composition, migration pathways, and breeding ground origin. There are differences, also, in levels of shooting pressure and harvest.

For the most part flyway boundaries follow State lines. However, the boundary between the Pacific and the Central flyway general follows the Continental Divide.

There are some problems in matching waterfowl migration corridors with flyway boundaries because some species nest and winter in areas that do not occur along a north-south axis. These species cross flyway boundaries during migration. On balance, the present arrangement is useful in that it permits reasonable management of waterfowl. At some future time, it is possible that further rearrangement of boundaries may permit better management of the waterfowl resource.



Flyway Councils

In 1952, Flyway Councils were formed in each of the four flyways. The Council in each flyway is made up of representatives from the wildlife agencies of the States in that flyway—one representative from each State. The Councils study flyway problems, develop waterfowl management recommendations, and generally work closely with the U.S. Fish and Wildlife Service in implementing waterfowl management and research programs.

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