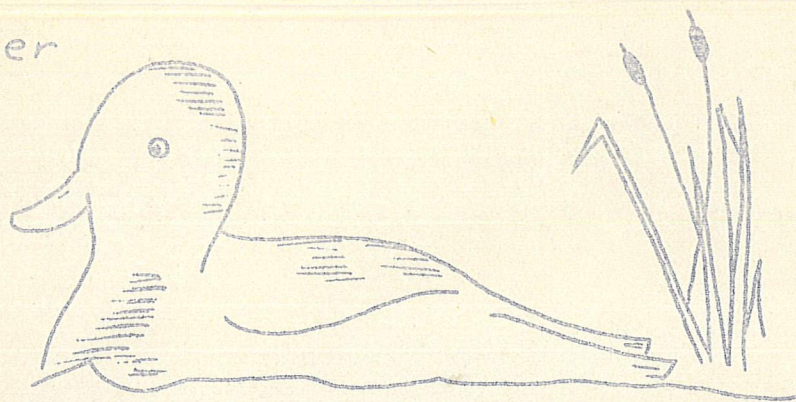


# The Lesser Squawk



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Editor: Roger D. Lambert, 205 Harter Drive, Summerville, S.C. 29483 Ph. 873-1582

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## OFFICERS

President: Julian R. Harrison, III, 670 Stiles Dr., Charleston, S.C.  
Vice-President: Norman A. Chamberlain, 458 Wade Hampton Dr., Charleston, S.C.  
Secretary-Treasurer: Alan M. Bills, 221 Forest Circle, Summerville, S.C.

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## OCTOBER ACTIVITIES

The first monthly meeting of the Society during the current season will be on Tuesday, October 13th, at 8:00 p.m. in the Charleston Museum. Robert M. LaVal, District Ranger, U.S. Dept. of Agriculture, Forest Service, will speak on "Efforts to save endangered species in the South Carolina National Forests." Afterwards, the proposal to join the National Audubon Society will be discussed.

On Sunday, October 11th, there will be a short field trip to the Mount Pleasant Causeway. Participants should meet in front of the Charleston Museum at 7:00 a.m.

## THE SKY-WATCHERS' GUIDE

Since the SKY-WATCHERS' GUIDE was resumed last year, we have travelled full-cycle around the sun, and as we were carried, we have been able to observe the whole panorama of constellations which may be seen from this latitude.

Once more, the stars of October have come into view. The Summer Triangle of first magnitude stars is now in the western half of the sky if one begins to look for it after 9:00 p.m. at the beginning of the month, or an hour earlier on the 15th, and by 7:00 p.m. during the last week. Only one other bright star may be seen at this time; Capella in Auriga will appear above the northeastern horizon.

The Square of Pegasus is in excellent view in the vicinity of the meridian, and trailing from the northeast corner of this group is another constellation which shares the same star. This is the princess, Andromeda. The star which does "double duty" represents her head, and the two extending from it indicate her body and feet, while several faint ones at right angles on either side are the arms. By locating the middle star, between the head and feet, and looking directly to the right of it, one may observe two faint stars in a row. Immediately beyond these, a hazy spot of light is in view for those with good eyesight on any clear, dark night. This is



the most distant object visible to the naked eye. A telescope will reveal it to be another galaxy similar to the Milky Way system of stars.

In October, at this latitude, the Big Dipper is lost to view in the haze of the northern horizon. However, Cassiopeia, the crooked W-shaped constellation, is riding high, and between this group and the horizon, Polaris is easily located.

Venus reaches greatest brilliancy during the first week of the month, and together with Jupiter, will set about an hour after the sun. Saturn, rising an hour later, may be seen southeast of the Square of Pegasus. Very briefly, at the beginning of the month, Mercury and Mars may be seen as "Morning Stars", less than two hours before sunrise. After that, Mars will rise about 4:00 a.m.

-Elizabeth D. Simons

#### BIRD MOVEMENT IN OCTOBER

##### Arrivals

2	Gannet	10	Red-necked Grebe	21	Ring-necked Duck
	Redbreasted Merganser		Golden Crowned Kinglet		Henslow's Sparrow
	Brown Creeper	11	Common Tern	22	Whistling Swan
4	Yellow-bellied Sapsucker		Solitary Vireo	23	Long-eared Owl
	Kirkland's Warbler	13	Savannah Sparrow	24	Surf Scoter
	Slate-colored Junco	15	Red-throated Loon	25	Horned Grebe
5	Green-winged Teal		Yellow Rail		LeConte's Sparrow
	American Avocet	16	Snow Goose	26	Snowy Owl
6	Western Kingbird	17	Common Loon		Short-eared Owl
7	Canada Goose		Robin	27	Redhead
8	Purple Finch	18	Hermit Thrush	29	Hooded Merganser
9	White-crowned Sparrow	19	Rusty Blackbird	31	Canvasback
*2	White-throated Sparrow	20	Lesser Scaup		Greater Scaup
					Pine Siskin

##### Departures

6	Black Rail	19	Magnificent Frigatebird	25	Black-billed Cuckoo
9	Black Tern		Black-throated Green	26	Great-crested Flycatcher
	Acadian Flycatcher		Warbler		Chestnut-sided Warbler
14	Roseate Spoonbill	20	White-rumped Sandpiper	27	Swainson's Warbler
	Summer Tanager		Stilt Sandpiper	28	Upland Plover
15	Wilson's Plover	22	Wood Thrush		Least Tern
	Rough-winged Swallow		Blackburnian Warbler		Cliff Swallow
	Hooded Warbler		Northern Waterthrush		Parula Warbler
	Blue Grosbeak	23	Mississippi Kite	29	Yellow Warbler
	Lark Sparrow	24	Kentucky Warbler		Kirkland's Warbler
16	Eastern Kingbird	25	Northern Phalarope	30	Pectorial Sandpiper
17	Wilson's Plover				Sandwich Tern
					Eastern Wood Pewee

#### OBSERVATIONS

Mr. Francis Barrington reports the following observations made at his home in Riverland Terrace: Sept. 14th, Black-and-white Warbler; 16th, Yellow Warbler; and 29th, a Catbird and an immature Rose-breasted Grosbeak.