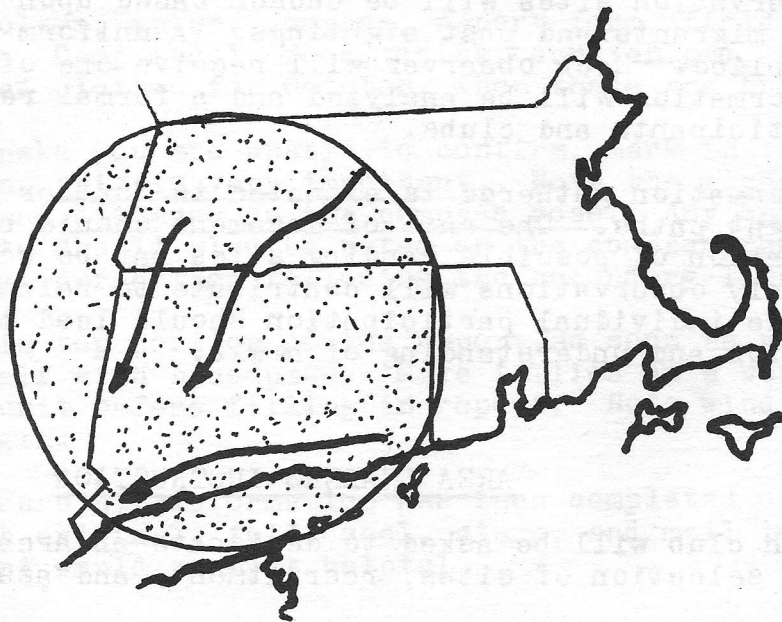


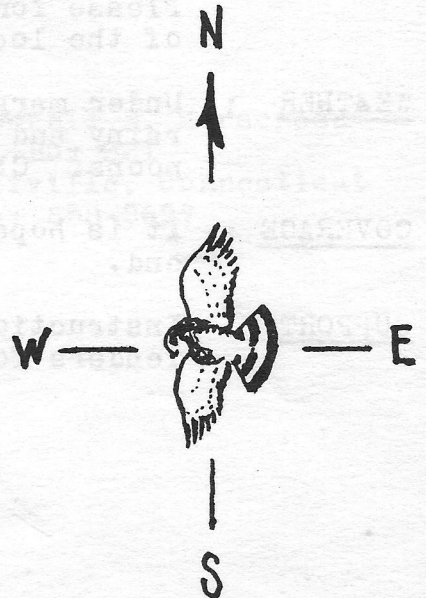
# HAWK MIGRATION 1972

The Second Annual Hawk Migration Study will start this year with the Spring Migration.

The area included is the shaded portion of the map.



Would you join us in one of the most significant studies of raptors to be carried out in this area?



## GENERAL

- PROJECT : To establish a hawk watch around points of known concentration. Recording the number, movement, and time of hawks passing through.
- AREA : The area to be covered will be Western Massachusetts, Connecticut, and the eastern portions of New York.
- METHOD : The selection of three weekends, April 22-23, September 16-17, and October 28-29, to man pre-selected sites along flight paths. The first two dates will occur during the major Broadwing movement and the third will be during the major Redtailed movement.
- MANNING : Again, local Bird Clubs will be asked to encourage their membership to volunteer as observers. Other interested persons are asked to contact the nearest Bird Club or the authors.
- SUPPORT : Observation sites will be chosen based upon known factors effecting migrants and past sightings. A uniform report sheet will be supplied. Each observer will receive one of these sheets. All information will be analyzed and a formal report made to all participants and clubs.
- YIELD : Information gathered is expected to further define migratory flight paths. The rate of movement should be better understood. Location of possible banding sites may be realized. Succeeding yearly observations will contribute to relative population studies. Large individual participation should lead to better identification and understanding of hawks.

## AREA LEADERS INSTRUCTION

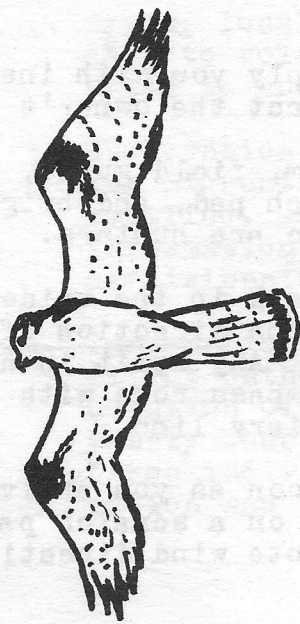
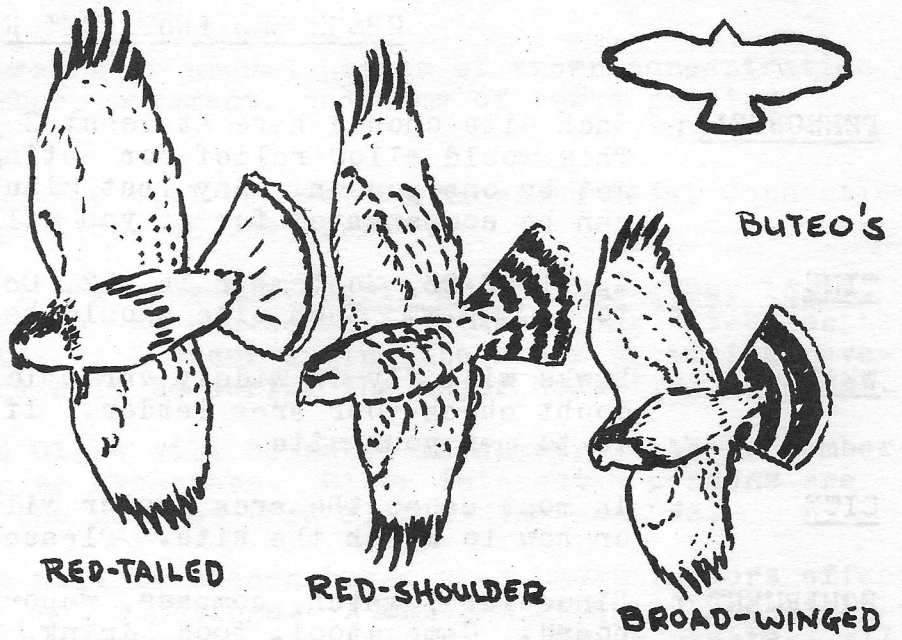
- LEADERS : Each club will be asked to designate an area leader to coordinate the selection of sites, recruitment, and assignment of observers.
- SITES : Leaders will be asked to see that last year's sites are manned. If possible, additional sites should be manned to extend coverage. Please forward the list of sites in your area with a description of the location so they can be located on topographic maps.
- WEATHER : Under marginal conditions sites should be manned. Last year's rainy and foggy mornings yielded useful information in the afternoons. Check your local weather forecast.
- COVERAGE : It is hoped that sites will be manned for both days of each weekend.
- SUPPORT : Instruction sheets and report forms will be sent to the area leaders for distribution.

## OBSERVERS INSTRUCTION

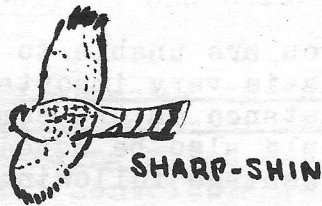
- PERSONNEL : Each site should have at least 2 people, 3 or 4 would be ideal. This would allow relief for eating, etc. A lot of birds can get by one person. Any last minute changes or cancellations can be compensated for if you will call the area leader.
- TIME : April 22-23, September 16 -17, October 28-29, from 8:00 a.m. to 5:00 p.m. Each site should be manned for the entire day.
- WEATHER : Hawks will fly in widely variable weather conditions. If in doubt check your area leader. If still in doubt, our suggestion is to man your site.
- SITE : In most cases the area leader will supply you with instructions on how to reach the site. Please respect the owner's property.
- EQUIPMENT : Binoculars, watch, compass, report form, field guide, and clipboard. Camp stool, food, drink, scratch pad, and brightly colored clothes for October, when there are hunters.
- SIGHTINGS : The hawks you are unable to confirm, mark in the unidentified column, this is very important. Note the direction of movement and distance on the compass rose. Any split in hawk flights should also be noted on the compass rose with an estimate of percentage following the secondary line.
- REPORT : Fill in top portion of the report as soon as you arrive. Orient yourself with a compass. Make tallies on a scratch pad for each time unit before filling in report. Note wind direction and strength.
- CONCLUSION: Make sure all information has been completed on the report. Detach original, fold, seal, stamp, and mail immediately. Your comment would be most helpful.

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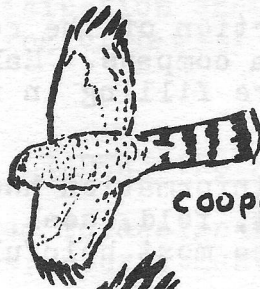
OSPREY



SHARP-SHIN



SPARROW HAWK



COOPER'S



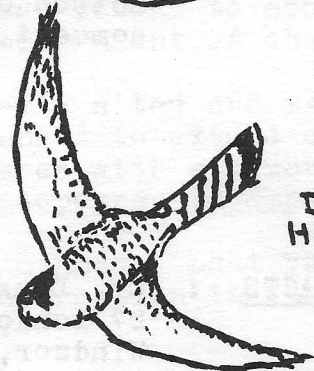
PIGEON HAWK



TURKEY VULTURE



GOSHAWK



DUCK HAWK



ACCIPITERS



FALCONS