

Irruptive Species

Both Northern Goshawk and Rough-legged Hawk were in moderate numbers at the two hawkwatches, but there were few reports elsewhere of either species. A major invasion of Snowy Owls began with birds along the Lake Michigan shoreline in mid-November, but the big numbers did not show up until December. Northern Shrikes put on a moderate invasion with at least 24 birds reported by the end of the period. Nearly all were in northeastern Illinois, but one record came from Woodford

County, one from Jo Daviess County and one from Winnebago County. Red-breasted Nuthatches were few and far between though there were a couple of mid-August records. Few other migrants were reported away from standard wintering sites, and the concentrations there were unimpressive. Winter finches showed up in moderate numbers. Purple Finches began arriving in mid-September and 48 at Salt Creek Woods Forest Preserve in early November was a good count, but numbers were declining by the end of the period. There were only a few crossbills

As a printing aide, the following abbreviations have been used throughout this report:

<p>ad(s) = adult(s) alt = alternate plumage (breeding) cop = copulating et al. = and other imm = immature incl = including juv(s) = juvenile(s) lg = large m.ob. = many observers * = documented record ** = specimen ph = photo(s) plum = plumage</p>	<p>pr(s) = pair(s) prop = property pts = points resp = respectively subad(s) = subadult(s) vid = video w/ = with yg = young 1st = first winter plumage 2nd = second winter plumage 3rd = third winter plumage</p>	<p>Apt = Airport CA = Conservation Area Cem = Cemetery Co(s) = County(ies) CP = County Park Crk = Creek FP = Forest Preserve FS = Field Station H = Harbor HA = Habitat Area I = Island L = Lake L&D = Lock & Dam M = Marsh NA = Natural Area NC = Nature Center NHL = National Historic Landmark P = Park Pr = Preserve Pra = Prairie Sl = Slough Wds = Woods</p>
<p>AlmondMarsh = Almond Marsh Forest Preserve (Lake Co) AmnBot = American Bottoms (Monroe County) BannerM = Banner Marsh (Fulton & Peoria Cos) BraidwoodL = Braidwood Lake (Will Co) BuseyWds = Busey Woods Park, Urbana (Champaign Co) CarlL-B = Carlyle Lake (Bond Co) CarlL-C = Carlyle Lake (Clinton Co) CarlL-F = Carlyle Lake (Fayette Co) CBG = Chicago Botanic Garden (Cook Co) Champaign = Champaign (Champaign Co) Channahon = Channahon Widewaters, Des Plaines River (Will Co) Chau = Lake Chautauqua National Wildlife Refuge (Mason Co) Chi = Chicago-excl. Jackson Park & Lake Calumet (Cook Co) ClintonL = Clinton Lake (DeWitt Co) COLSP = Chain-O-Lakes State Park (Lake Co) CONWR = Crab Orchard National Wildlife Refuge (Williamson Co) CWRP = Calumet Water Reclamation Plant (Cook Co) DYNL = Dick Young/Nelson Lake Forest Preserve (Kane Co) EForkL = East Fork Lake, Olney (Richland Co) Emiquon = The Nature Conservancy Emiquon Preserve (Fulton Co) EPSP = El Paso Sewage Plant (Woodford Co) Fermi = Fermilab (Du Page Co) GillsonP = Gillson Park, Wilmette (Cook Co) GreenR = Green River State Wildlife Area (Lee Co) GreeneVal = Greene Valley Forest Preserve (DuPage Co) HennepinL = Hennepin-Hopper Lake Restoration Area (Putnam Co) HerrickL = Herrick Lake Forest Preserve (DuPage Co) HL = Horseshoe Lake State Park (Madison Co) IBSP = Illinois Beach State Park (Lake Co) Jarvis = Bill Jarvis Migratory Bird Sanctuary, Lincoln Pk, Chicago (Cook Co) JP = Jackson Park and vicinity, Chicago (Cook Co) Kankakee = Kankakee (Kankakee Co)</p>	<p>KLMSNA = Kidd Lake Marsh State Natural Area (Monroe Co) LaSalleL = LaSalle Lake State Fish & Wildlife Area (LaSalle Co) LCal = Lake Calumet (Cook Co) LRen = Lake Renwick (Will Co) LShel = Lake Shelbyville (Moultrie Co) L&D 13 = Lock & Dam 13, Mississippi River (Whiteside Co) MArb = Morton Arboretum (DuPage County) MBC = Mackinaw Bluffs Corridor (Woodford Co) McGinnisSl = McGinnis Slough (s.w. Cook Co) MeadbrkPk = Meadowbrook Park, Urbana (Champaign Co) MermetL = Mermet Lake Conservation Area (Massac Co) Midewin = Midewin National Tallgrass Prairie (Will Co) Montrose = Montrose Harbor, Lincoln Park, Chicago (Cook Co) NoP = North Pond, Lincoln Park, Chicago (Cook Co) NPM = North Point Marina, Winthrop Harbor (Lake Co) Palos = Palos area (s.w. Cook Co) PaulDouglas = Paul Douglas Forest Preserve (Cook Co) PeacockM = Peacock Marsh (Will Co) Pembroke Twp = Pembroke Township (Kankakee Co) Pomona = Pomona (Jackson Co) PrRdg-J = Prairie Ridge State Natural Area (Jasper Co) PrRdg-M = Prairie Ridge State Natural Area (Marion Co) QC = Quad Cities and vicinity (Rock Island Co) Rckfd = Rockford (Winnebago Co) REndL = Rend Lake (Jefferson Co) RollinsSav = Rollins Savannah Forest Preserve (Lake Co) Sang = Sangamon Co SFPK = Sauer Family Prairie Kame Forest Preserve (Kane County) Spfld = Springfield (Sangamon Co) StarvedRock = Starved Rock State Park (LaSalle County) TwoRivers = Two Rivers National Wildlife Refuge (Calhoun Co) WaterfallGlen = Waterfall Glen Forest Preserve (Du Page Co) Wauk = Waukegan Harbor (Lake Co)</p>	