



Biology of the Peregrine & Gryfalcon in Greenland

By William A. Burnham, William G. Mattox

Museum Tusulanum Press. Paperback. Book Condition: new. BRAND NEW, Biology of the Peregrine & Gryfalcon in Greenland, William A. Burnham, William G. Mattox, A ten year study began in 1972 in West Greenland to investigate the breeding biology of the peregrine falcon. Data on nesting gyrfalcons were also collected. Thirty-four peregrine nesting sites were examined in the 6050 km² inland study area near Sondre Stromfjord. Limited research also centered in Disko Bugt and Frederikshab. Peregrines were found nesting predominantly on high, south-facing cliffs, which overlooked large areas. The mean minimum distance between peregrine eyries was 7.7 km for the inland area (1972 and 1973) and 55 km for the coast (1974). Approximately 60 percent of the inland nesting sites were occupied each year. A ten-year average production of 1.90 young per occupied site and 2.78 young per successful site was determined. Lapland longspurs, snow buntings, wheatears, and redpolls comprised 90 percent of the peregrines diet. Raven nests and prey availability may be the most significant factor affecting falcon density. Addled peregrine eggs, eggshell fragments, and peregrine prey species were collected. Whole eggs averaged 14.3 ppm wet weight (305 ppm lipid weight) DDE, while eggshell measurements showed a 16 percent...



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