

A Five-egg Herring Gull Nest.—Bent (*Life Histories of North American Gulls and Terns*, 1923, p. 106) says of the Herring Gull (*Larus argentatus*) that "three eggs constitute a set, although the number is sometimes only two, and in very rare cases one or four." In fact, in a survey of clutch sizes of the gull species, Hailman (*Behaviour Supplement*, in press, Appendix A, Table II) found no reports of five-egg nests for the Herring Gull and only a few other reported five-egg nests among other species (e.g., Laughing Gull, *L. atricilla*).

About six pairs of Herring Gulls nest at wide intervals in a large colony of Laughing Gulls in the coastal marshes of Brigantine National Wildlife Refuge, north of Atlantic City, New Jersey. On 27 May 1966 we discovered an active Herring Gull nest with three eggs on the southern shore of Great Bay, on a point of dry land near a dense concentration of Laughing Gull nests. The Herring Gull nest was checked daily from 27 May through 12 June. A fourth egg was laid on 5 June and a fifth egg on 7 June.

Tinbergen (*Herring Gull's World*, 1953, p. 133) says "although I have repeatedly seen clutches of four . . . I very much doubt whether in any of these cases the four eggs were from one female." We trapped and color-banded one incubating bird (sex unknown), but did not succeed in capturing others before the nest was destroyed by a predator on 12 June. The nine-day or greater interval between laying of the third and fourth eggs and the normal two-day interval between laying of the fourth and fifth eggs does suggest two separate clutches.

This note constitutes Contribution No. 3 from the Brigantine Field Station of the Institute of Animal Behavior. The work was supported in part by U. S. P. H. S. Grant GM 12774 to Dr. C. G. Beer, and completed during tenure of U. S. P. H. S.-NIMH Postdoctoral Fellowship to J. P. H. We thank Steve Galitzer for helping in the field and Dr. Collin G. Beer, John Gerlach and Elizabeth D. Hailman for reading the manuscript.—Amelia Segré, Ralph Noble and Jack P. Hailman, Institute of Animal Behavior, Rutgers—The State University, Newark, New Jersey 07102 (Present address of JPH: Department of Zoology, University of Maryland, College Park 20740).

RECENT LITERATURE

BANDING

(See also 24, 41, 45)

1. Bird Banding. R. W. Smith. 1966. *Broadsheet No. 6* (Gosse Bird Club): 7-10. This is a summary of birds banded in Jamaica in 1965, principally by groups of banders associated with the Institute of Jamaica. In 1965, 4, 175 individuals of 67 species were banded. Returns of banded North American warblers include records from eight species, chiefly the American Redstart and Worm-eating Warbler. Several recoveries are mentioned: American Coot (banded in Iowa) and Royal Terns (banded in Mississippi and South Carolina).—David W. Johnston.

2. Fourth Annual Report on the Bird Ringing for the Year Ending 31st March 1965. Masashi Yoshii and Yoshitake Hasuo. 1965. *Misc. Rep. Yamashina's Inst. Ornith. Zool.*, 4: 163-171. In Japanese, with English summary. In the year reported here, 6, 141 individuals among 75 species were banded. Tables present data on birds both banded and recovered in Japan and birds banded in Japan and recovered abroad. Of the eight foreign recoveries, five were *Egretta alba* and *E. intermedia* recovered in the Philippines. Other recoveries were in U. S. S. R.—David W. Johnston.