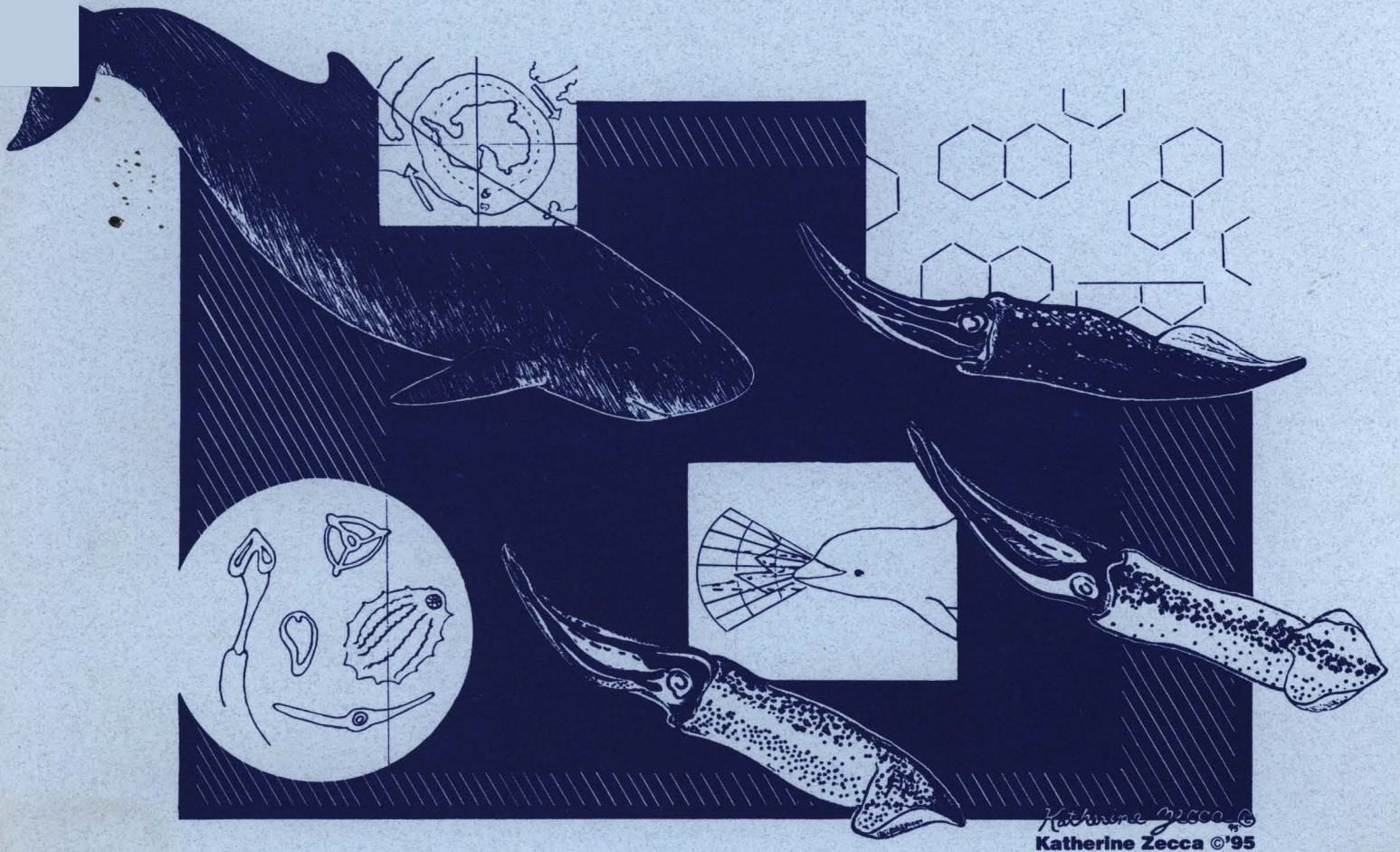


ULCERATIVE DERMATITIS AND ALOPECIA OF STELLER SEA
LION (*Eumetopias jubatus*) PUPS
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During the months of June and July 1987, 1992-1995, two dermatological diseases were observed in Steller sea lion pups from five different rookeries located in the Gulf of Alaska and the Bering Sea. The first condition was characterized by blisters and ulcers of the fore and hind flippers and on the mucocutaneous junction of the perineal region and the prepuce. Pups with this condition ranged in age from 36 hours to 8 weeks. These lesions were characterized histologically by blisters and ulcers of the epidermis. The etiology of this condition is consistent with a virus. Serum from 18 affected pups was screened for calicivirus and was negative. Hematology demonstrated a mild leukocytosis.

The second dermatological disease was characterized by alopecia. This disease was first observed in 1992, and was observed on pups approximately 6-8 weeks of age. Histologically this disease was characterized by acanthosis and degeneration of hair follicles. The etiology of this condition suggests a louse infestation.

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ABSTRACTS