

A stylized illustration of a rolled-up scroll. The scroll is white with a black outline and is shown partially unrolled. The word "RESULTS" is written in a black, serif font on the unrolled portion. The scroll is set against a background of a light gray, textured pattern.

RESULTS

Results

III.1. Reproductive Biology of *L ramada* :

III.1. A. Maturity stages:

i. For female:

Ovary of *Liza ramada* consists of two lobes of almost equal size, lying below the alimentary canal along the body cavity. The maturity of gonads can be divided into seven general stages by appearance (shape, color, and size of the gonads). These stages are as follows:

Stage I (Immature virgin Primary growth):

The ovaries appear thin and thread like, translucent and colorless. Sexes usually can not be distinguished.

Stage II (Developing virgin and recovering):

As development progresses, the ovary increases in size occupying $\frac{1}{3}$ of the body cavity. More rounded, translucent and eggs can't evident to the naked eye.

Stage III (Maturing):

The ovary increases in size occupying half of the body cavity. Thickening, pale yellowish, eggs small but visible to naked eye.

Stage IV (Mature or Yolk globule stage):

The ovary increases in size occupying more than half but less than two third of the body cavity and it fill most of body cavity. The opaqueness of the ovary is mainly due to the