

## Essential Fish Habitat Descriptions Rosette skate (*Leucoraja garmani*)

For rosette skate, no action essential fish habitat is described as those areas of coastal and offshore waters (out to the offshore U.S. boundary of the exclusive economic zone) that are designated on the map below and meet the following conditions:

**Eggs:** There is no information available on the habitat associations or distribution of the egg stage for this species.

**Larvae:** No larval life stage exists for this species. Upon hatching, they are fully developed juveniles (ELMR Report Number 12, March 1994).

**Juveniles:** Bottom habitats with a soft substrate, including sand/mud bottoms, mud with echinoid and ophiroid fragments, and shell and pteropod ooze, ranging from Nantucket Shoals and southern edge of Georges Bank to Cape Hatteras, North Carolina as depicted on the map below. Generally, the following conditions exist where rosette skate juveniles are found: *Depth:* Occurs from 33-530 meters but is most common between 74-274 meters. Rosette skate may have a more limited depth range in the southern part of its geographic range. *Temperature:* Most found at a temperature range of 5.3-15 °C but collected in waters as low as 4 °C and high as 25 °C.

**Adults:** Bottom habitats with a soft substrate, including sand/mud bottoms, mud with echinoid and ophiroid fragments, and shell and pteropod ooze, ranging from Nantucket Shoals and southern edge of Georges Bank to Cape Hatteras, North Carolina as depicted on the map below. Generally, the following conditions exist where rosette skate adults are found: *Depth:* Occurs from 33-530 meters but is most common between 74-274 meters. Rosette skate may have a more limited depth range in the southern part of its geographic range. *Temperature:* Most found at a temperature range of 5.3-15 °C but collected in waters as low as 4 °C and high as 25 °C.

### EFH designations for rosette skate

