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This paper was submitted by the faculty of [FAU's Harbor Branch Oceanographic Institute](#).

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2:35 pm BS-14      Ecological and Zoogeographical Aspects of the Fishes of the Indian River Region of Florida. R. GRANT GILMORE, JR., University of West Florida. -- Throughout 1972 an ichthyological survey of the Indian River was made. Over 260 species were recorded representing 169 genera in 74 families. The majority of these fishes had affinities with the Antillean fauna. A smaller number represented the continental and Carolinian faunas or had a disjunct distribution through the Caribbean. At least five species were range extensions previously unknown from north of South Florida and the Keys. Complete records of the environment at each sampling site enables prediction of preferred fish habitats and seasonal movements.