

NOTE ON A NEW FLAT-FISH (LEPIDOPSETTA ISOLEPIS) FOUND IN THE MARKETS OF SAN FRANCISCO.**By W. N. LOCKINGTON.**

In the review of the Pleuronectidæ of San Francisco (Proc. U. S. Nat. Mus. 1879, 69-108), a species belonging to the genus *Lepidopsetta* (Gill) is described as identical with the *Platichthys umbrosus* of Girard (Pac. Rail. Rep., x, 149, 1857). At the epoch when this description was written, as well as on previous occasions when a comparison was instituted between this species and the description of Girard above referred to, several discrepancies were noted, yet it was not supposed possible that that author had redescribed one of Dr. Ayres's species when the description of the latter was accessible to him.

Such, however, as first pointed out by Dr. Gill, turns out to be the case, and *Platichthys umbrosus* (Grd.) must sink into a synonym of *Lepidopsetta bilineata* (Ayres), while the form described by me as *L. umbrosa* needs renaming.

The synonymy of the two species will be as follows:

Lepidopsetta bilineata.

- Platessa bilineata* Ayres, Proc. Cal. Acad. Nat. Sci., i, 40.
Platichthys umbrosus Grd., Pac. Rail. Rep., x, 1855-'57, 149.
Lepidopsetta bilineata Gill, Proc. Phil. Acad. Nat. Sci.
Lepidopsetta umbrosa Gill, Proc. Phil. Acad. Nat. Sci.
Lepidopsetta bilineata Lockn., Proc. U. S. Nat. Mus. 1879, 103.

Lepidopsetta isolepis sp. nov.

- Lepidopsetta umbrosa* Lockn., Proc. U. S. Nat. Mus. 1879, 106.

This species is not closely related to *L. bilineata*. Its etenoid scales, almost uniform over the head and body, its nearly straight lateral line, its smaller eyes, with a broader, flattish interorbital space, as well as the differences in the form and the number of fin rays, completely distinguish *L. isolepis* from *L. bilineata*.

Typical examples are in the United States National Museum.

NOTE ON A FORGOTTEN PAPER OF DR. AYRES AND ITS BEARING ON THE NOMENCLATURE OF THE CYPRINOID FISHES OF THE SAN FRANCISCO MARKETS.**By DAVID S. JORDAN.**

During the infancy of the California Academy of Sciences the reports of its proceedings were published in the Daily Placer Times and Transcript, a newspaper then issued in San Francisco.

In the files of this paper for 1854 occur descriptions of new species of fishes from the San Francisco markets, by Dr. W. P. Gibbons and Dr. W. O. Ayres. The descriptions of Dr. Gibbons were soon after repub-