NEW AUSTRALIAN FISHES. PART 1.
INTRODUCTION

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Abstract


Papers describing new Australian fishes are introduced and listed.

Introduction

During recent years, a number of new faunal studies have been published on Australian fishes (e.g., Hutchins, 1979; Edgar et al., 1982; Last et al., 1983; Hutchins and Thompson, 1983; Gloerfelt-Tarp and Kailola, 1984; Sainsbury et al., 1985) in an attempt to satisfy the need for identification guides. Since many of the Australian fish families are relatively poorly known taxonomically, these relatively quickly prepared and published works contain references to a considerable number of previously undescribed species for which latinized names have not been proposed. The purpose of this collection of papers is to formally name many of the undescribed species that have been presented in such publications, together with others that will be included in forthcoming guides, so that colleagues may accurately refer to these species rather than having to use unstable common names or confusing references to undescribed forms. Descriptions are presented in a series of brief papers, or parts, provided by different combinations of authors to recognise efforts of those involved and authorships as originally intended. In an attempt to make these names available as soon as possible, most species are described in less detail than is customary. Each treatment provides, where relevant, a synonymy, type details, a brief description and/or diagnosis, distributional information, an etymology, brief comparisons with related species, and references to any published illustrations. Most species treated are currently being studied by the respective authors for inclusion in revisions of higher taxa. These revisions are expected to be published within the next decade. Authors, titles and pages of subsequent parts of this series are:


GOMON M.F.
B. Gary A and G. 81/270
cies of freshwater eleotridid fishes (Gobioidae) from the Kimberley region of Western Australia. Mem. Mus. Vict. 48: 35-42.
Paulin, C.D. New Australian fishes. Part 17. New species of Gadella and Physiculus (Mori-
Shimizu, T. and Hutchins, J. B. New Aus-
tralian fishes. Part 21. A new species of
Each of these parts is an independent, anonymously refereed paper authored by the respective contributor or contributors. We are not to be considered editors of the series.

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References