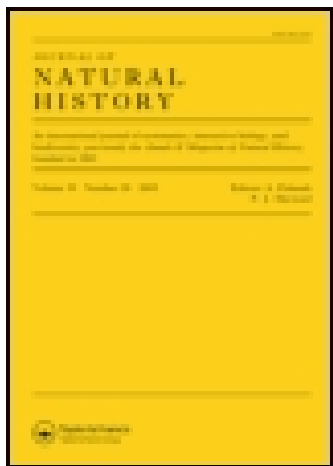


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was shown in the transverse section (1 *a*) given in our plate, and which led Eichwald to adopt the term *Laceripora* for his genus. The structures described by us as "incipient divisions of the cells" are thus accounted for.

Dr. Lindström's later views, as quoted in our paper, are therefore quite acceptable, viz. that *Laceripora* should be retained as a distinct genus of the Favositidæ; and in this opinion Dr. H. A. Nicholson also concurs.

XXXVI.—*Remarks on Mr. C. W. De Vis's recent Contributions to the Herpetology of Australia**. By G. A. BOULENGER.

It is painful to have to record such contributions as Mr. De Vis's herpetological papers, but it is a duty for the working zoologist, who constantly complains of the plague of synonymy, not to allow them to pass without protest. Their author is no doubt stimulated by the desire of promoting herpetological knowledge in his country, but, through his incompetence and want of care, he will do much harm. As regards certain groups of Reptiles he may, in defence, point to the great difficulties attending these studies owing to the absence of general treatises; but when he has in his hands the recent 'Catalogue of Batrachians in the British Museum,' and is not even able to distinguish a *Rana* from a *Hyla*, or to recognize so striking a form as *Mixophyes*, he has no excuse, and one can only wonder at his daring to write on subjects of which he is so manifestly ignorant.

The papers in question contain descriptions of no less than thirty new species, several of which are made the types of new genera. I have no time at present to go through the whole of them, and must restrict my remarks to the groups which I have fully worked out, viz. the Batrachians and the Lizard-families Geckonidæ and Agamidæ. Mr. De Vis's additions to those groups amount to fifteen new species, which are enumerated below. Of these, three appear to deserve recognition, one is doubtful, the rest are synonyms of species previously named.

1. *Limnodynastes lineatus* (Proc. Linn. Soc. N. S. W. ix. 1884, p. 65) = *L. Peronii* (D. & B.).

* Proc. Linn. Soc. N. S. Wales, ix. 1884, and Proc. Roy. Soc. Queensl. i. 1884-85.

2. *Limnodynastes olivaceus* (l. c. p. 66). A good species.
3. *Hyla Rothii* (l. c. p. 66) = *H. Peronii*, Bibr.
Of these three species, type specimens are now in the Natural-History Museum, through the kindness of H. Ling Roth, Esq.
4. *Ædura Tryoni* (Proc. R. Soc. Queensl. i. p. 54, 1884) = *Æ. ocellata*, Bouleng. Cat. Liz. i. p. 105, pl. ix. (1885).
Although very imperfect the description is recognizable, and as the name *Tryoni* has priority that of *ocellata* must be cancelled.
5. *Amphibolurus branchialis* (l. c. p. 55) = *Physignathus Lesueurii*, Gray (figured in Dum. & Bibr. Èrp. Gén. pl. xl. and in McCoy's Prodr. Zool. Vict. dec. ix. pl. lxxxi.).
6. *Macrops* (g. n., a name already applied to three different genera in zoology) *nuchalis* (l. c. p. 97) = *Amphibolurus reticulatus* (Gray).
7. *Diporophora nuchalis* (l. c. p. 98) = *D. australis* (Steind.).
8. *Diporophora ornata* (l. c. p. 99) = *D. australis*.
9. *Diporophora brevicauda* (l. c. p. 99) = *D. bilineata*, Gray.
10. *Diporophora pentalineata* [!] (l. c. p. 99) = *D. bilineata*.
11. *Hyla fenestrata* (l. c. p. 128) = *Mixophyes fasciolatus*, Gthr. (figured in P. Z. S. 1864, pl. vii.).
12. *Hyla irrorata* (l. c. p. 128). Should be compared with *H. infrataeniata*, Gthr.
13. *Hyla nobilis* (l. c. p. 129) = *Rana papua*, Lesson.
14. *Hyla peninsulæ* (l. c. p. 129) = *H. nasuta* (Gray).
15. *Ædura fracticolor* (l. c. p. 160). Apparently a distinct species, if referred to the correct genus.

I take this opportunity of changing the name *Ælurosaurus*, which I employed for a genus of Geckos (Cat. Liz. i. 1885), but which is preoccupied by a Theriodont (*Ælurosaurus*, Owen, 1881), to that of *Æluroscalabotes*. I am obliged to my colleague Mr. Smith Woodward for calling my attention to this matter.