

## Changes from the WA Museum Checklist from April 2018 (updated September 2018)

### Reptiles and Frogs

**New species of *Gehyra*.** Following the revision of the *G. nana* complex in the Kimberley in the last checklist update with four new species, two major revisions of the *G. variegata* and *G. punctata* groups were published, supported by the phylogenomic study of Ashman et al. (2018), resulting in 12 further species of *Gehyra* in Western Australia. Note the replacement name for one of the *G. punctata* complex species in Ellis et al. (2018).

Ashman, L., Bragg, J., Doughty, P., Hutchinson, M.N, Bank, S., Matzke, N., Oliver, P. and Moritz, C. (2018). Diversification across biomes in a continental lizard radiation. *Evolution*: early on-line view.

Doughty, P., Pepper, M., Bauer, A.M. and Keogh, J.S. (2018). Spots before the eyes: revision of the *Gehyra punctata* (Squamata: Gekkonidae) species complex from Western Australia. *Records of the Western Australian Museum* **33**: 1–50.

Ellis, R.J., Doughty, P., Bauer, A.M., Pepper, M. and Keogh, J.S. (2018). A replacement name for *Gehyra punctulata* Doughty, Bauer, Pepper & Keogh, 2018 (Reptilia: Squamata: Gekkonidae) and the nomenclatural status of *Phryia punctulata* Gray, 1842. *Records of the Western Australian Museum* **33**: 133–134.

Kealley, L., Doughty, P., Pepper, P., Keogh, J.S., Hillyer, M. and Huey, J. (2018). Conspicuously concealed: Revision of the arid clade of the *Gehyra variegata* (Gekkonidae) species group in Western Australia using an integrative molecular and morphological approach, with the description of five cryptic species. *PeerJ*: e5334 (33 pages).

***Lerista chalyburua* Storr a senior synonym of *L. zietzi* Wells & Wellington.** We belatedly follow Shea & Sadlier (1999) who established that the earliest possible date for *L. zietzi* was September 1985, one month after Storr's description was published.

Shea, G.M. & Sadlier, R.A. (1999). A catalogue of the non-fossil amphibian and reptile type specimens in the collection of the Australian Museum: types currently, previously and purportedly present. *Technical Reports of the Australian Museum* **15**: 1–92.

**Authority for *Morethia adelaidensis* is Peters, 1874.** We follow the Australian Society of Herpetologist's checklist, and have changed the authority for this species to Peters.

**Reinstatement of *Lerista maculosa* Storr, 1991, *L. talpina* Storr, 1991 and *Menetia amaura* Storr, 1978.** Following the ASH list, we have reinstated these three species as the genetic work cited in Aplin & Smith (2001) as evidence for their synonymy was never published. In addition, these species were never formally synonymized into *L. uniduo* Storr, 1984, *L. petersoni* Storr, 1976 or *M. greyii*, Gray, 1845, respectively, in Aplin & Smith (2001).

## **Birds**

**Birds – State.** Added – Blue Rock Thrush *Monticola solitarius philippensis* from photographs taken at Onslow.

**Birds – Christmas and Cocos (Keeling) islands.** Added – Great-billed heron *Ardea sumatrana*, a re-discovered specimen collected in 1886 by George Clunies-Ross and the Lesser Moorhen *Gallinula angulata* from photographic records at Cocos (Keeling) Islands.