

references to two places of publication, especially where, in the first instance, the species was defined without illustration, as has been too frequently done in society publications, the place above and beyond all others where no species should be described unless accompanied by proper illustrations.

An attempt has also been made to correct the misspelling of words so as to perfect the nomenclature, and we call special attention to the Index of Genera, where a few corrections are made that were overlooked in the text, and where the gender of each genus is indicated.

After the author had commenced the preparation of this work, which was several years ago, knowing the great expense attending the making of illustrations, he applied to several State Geologists and others for the privilege of taking electrotypes from the wood-cuts belonging to the State Governments and to the individuals; and he has now to express his acknowledgments to Alfred R. C. Selwyn, F. R. S., F. G. S., Director of the Geological Survey of Canada, who placed at his disposal all belonging to the Canadian Survey, and he availed himself of about one hundred and sixty of the original figures used by the late Prof. Billings; and also to express his obligations to the late Prof. A. H. Worthen, from whom he obtained nearly all those used in the Geological Survey of Illinois. After a very large number of figures had been made by the expensive process of wood-engraving, he learned of the much cheaper electrototype process, and engaged the services of the Kline Photo-engraving Company, of Cincinnati, and for the accuracy and faithfulness with which many figures have been reproduced he is indebted to the skill of the artists in that company.

CINCINNATI, November, 1889.

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