

Callipepla californica vallicola Ridgw. = *Lophortyx californica brunnescens* Ridgw. = *L. californica* (Shaw).

Among the more striking changes of generic names are the substitution of *Sylvania* for *Myiodiodes*, *Dryobates* for *Picus*, *Dendragapus* for *Cauace*, and *Tympanuchus* for *Cupidonia*, in addition to some others already published in 'The Auk.'—J. A. A.

Minor Ornithological Publications.—964. *Decorative Sentiment in Birds*. By James Carter Beard. *Harper's New Monthly Magazine*, LXXI, No. 423, Aug. 1885, pp. 405-416.—A popular paper, with illustrations, on bird architecture.

965. *Circular of the Public Museum of the City of Milwaukee*. No. 1. "Some Directions for Preparing, Labelling and Packing Skins of Animals." No. 2. "List of Mammals and Birds of Wisconsin desirable for the above named Museum." 8vo. No date (1884?), pp. 8 and 12.—No 1 contains excellent directions for the purpose in view.

966. *Observe the Birds*. By Samuel Wells Willard. *Wisconsin Journ. of Education*, XXV. No. 3, March, 1885, pp. 98-101.—Ornithology recommended as offering a good field for the cultivation of the powers of observation.

967. *Our Observers—March*. By F. H. King. *Ibid.*, pp. 111, 112.—A list of "Observations to make" respecting a few birds, beasts, insects, and plants, etc.

968. *The Migration of Birds*. By Alexander O'Driscoll Taylor. *Proc. Newport Nat. Hist. Soc.*, 1883-84, pp. 22-24.—Abstract of a paper on this subject read before the Society on Jan. 3, 1884.

969. *List of Birds shot near Newport [R. I.]*. By Col. John Hare Powel. *Ibid.*, pp. 42, 43.—A nominal list (under English names only) of 101 species.

970. *Pigeons and the Pigeon Fancy*. By Wm. G. Barton. *Bull. Essex Inst.*, XVI, 1884, pp. 59-82.—A very interesting summary of the subject, giving a brief history of the 'pigeon fancy,' and describing briefly the leading varieties of the domesticated bird. Several pages are devoted to the 'Homing Pigeon,' or 'Carrier' Pigeon, and to 'Pigeon-racing,' giving statistics of flights, etc.

971. *Intelligence in Birds*. By E. E. Fish. *Bull. Buffalo Naturalists' Field Club*, I, No. 6,* 1884, pp. 129-138.—On change of habits in consequence of experience, with citation of various instances, and remarks on instinct, the migration of birds, and various interesting anecdotes illustrative of the general subject.

972. *The Ducks of this Locality [Ottawa, Canada]*. By W. P. Lett. *Trans. Ottawa Field-Naturalists' Club*, No. 4, pp. 52-64.—The following species are treated at length: *Anas obscura*, *A. boschas*, *Aix sponsa*, *Querquedula carolinensis*, *Q. discors*, *Dafila acuta*, *Fuligula ferina americana*, *Mergus merganser*, *M. serrator*, *M. cucullatus*, and *Clangula*

* For index to ornithological articles in Nos. 1-5 of this publication see *Auk*, I, pp. 184, 189, 190.

glaucium. Various other species are mentioned more briefly, the paper altogether forming an important review of the Anatidæ of Ottawa.

973. *Report of the Ornithological and Oölogical Branch [of the Ottawa Field-Naturalists' Club]*. By George R. White and W. L. Scott. *Ibid.*, pp. 81-87.—Thirteen species are added to the List of the Birds of Ottawa by Messrs. White and Scott published in No. 3 of the 'Transactions' of the Club (see Bull. N. O. C., VIII, pp. 55 and 115), and there are notes on a few species previously recorded, with dates of the arrival of birds in the spring of 1882. Also a list of *errata* for the 'List' previously published.

974. *Report of the Ornithological and Oölogical Branch [of the Ottawa Field-Naturalists' Club] for the season of 1883*. By John Macoun, Geo. R. White, and W. L. Scott. *Ibid.*, II, No. 1, 1884, pp. 141-147.—Besides interesting notes on several species of birds previously recorded, 17 species are added. There is also a list of arrivals for the spring of 1883.

975. *Washington Crows*. Anon. *Atlantic Monthly*, Vol. LIII, No. 318, April, 1884, pp. 580, 581.—A graphic account of their flight in the morning from their roosting-place to their feeding grounds, and their return at night.

976. [*The Sense of Taste in Birds.*] By G. F. Waters. *Proc. Boston Soc. Nat. Hist.*, XXII, 1883 (1884), pp. 433, 434.—In the common fowl and some young Hawks.

977. *On the Migration of Birds in the Spring and Autumn of 1884*. By J. A. Harvie Browne. F. R. S., F. Z. S. *Bull. U. S. Fish Comm.*, V, No. 14, Aug. 7, 1885, pp. 221-224. — On the influencing causes of the extensive migration of Gulls to the British coast in 1884-'85.

978. *Our Home Feathered Tribe*. By B. H. Warren. *West Chester, Pa., Local News* (newspaper), Sept. 3, 1885.—A briefly annotated list of the summer birds of Chester County, Pennsylvania. (See also an addendum to the list in the same newspaper of Sept. 10, 1885.)

'The Zoologist' (London), Vols. VI-IX (1882 to Sept. 1885), contains the following (Nos. 979-1002) relating especially to North American birds.

979. *European Birds observed in North America*.—By Percy E. Freke. *Zoologist*, 3d Series, VI, Jan. 1882, p. 21.—Corrections to his article on this subject in the 'Zoologist' for Sept. 1881 (*cf.* Bull. N. O. C., VIII, p. 115) *Phylloscopus borealis* and *Parus cinctus* found breeding in Alaska, and *Mareca penelope* in the Aleutian Islands; the Iceland Falcon obtained from Labrador.

980. *Supposed Occurrence of the Hairy Woodpecker [Picus villosus] in Oxfordshire*. By Oliver V. Aplin. *Ibid.*, Feb. 1882, p. 69.—A specimen is mentioned alleged to have been killed about five years previously near Chipping Norton, but doubt exists as to whether the skin examined was not of foreign origin.

981. *Rusty Grackle and Pallas's Gray Shrike in Wales*. By Henry Seebohm. *Ibid.*, March, 1882, p. 109.—A specimen of *Scolteophagus ferrugineus* killed at Cardiff, Oct. 4, 1881, recorded, forming the first British record of the species.

982. *On the Occurrence of Sabine's Gull, for the first time, in Norfolk.* By Henry Stevenson. *Ibid.*, pp. 111-113.—Two specimens seen and one killed at Yarmouth, Oct. 21 or 22, 1881.

983. *Red-breasted Snipe in Northeast Lincolnshire.* By John Cordeaux. *Ibid.*, Oct. 1882, p. 392.—Record of a specimen of *Macrorhamphus griseus* shot on the seacoast between Cleethorpes and Tetney Haven, Aug. 15, 1882.

984. *Totanus solitarius at Scilly.* By Thomas Cornish. *Ibid.*, Nov. 1882, p. 432.—Taken Sept. 21, 1882.

985. *On Trinomial Nomenclature.* By Joel Asaph Allen. *Ibid.*, VII, Feb. 1883, pp. 97-100.

986. *Bonaparte's Gull at St. Leonards-on-Sea.* By Cecil Smith. *Ibid.*, March, 1883, p. 120.—*Larus philadelphia*, shot "early in November, 1870."

987. *Occurrences of the American Kestrel in Yorkshire.* By J. Backhouse, Jr. *Ibid.*, p. 126.—A female *Falco sparverius* shot near Helmsley, Yorkshire, in May, 1882; believed to be "the only one on record as having been taken in Europe."

988. *Uncommon Birds near York.* By C. D. Wolstenholme. *Ibid.*, p. 128.—Records "an American Bittern (*Botaurus lentiginosus*), shot at Welbury."

989. *Pectoral Sandpiper [Tringa maculata] in Dumbartonshire.* By J. E. Harting. *Ibid.*, April, 1883, p. 177.—A specimen killed Nov. 24, 1882.

990. *American Bittern in Pembrokeshire.* By Cecil Smith. *Ibid.*, Aug. 1883, p. 341.—Taken at St. David's in October, 1872, and previously recorded "with doubt at the times," in 'Land and Water,' by Mr. Greenway.

991. *The last Great Auk.* By J. E. Harting. *Ibid.*, Nov. 1883, p. 470.—A call for information respecting a specimen recorded by Mr. Ruthven Deane (*Am. Nat.* VI, 1872, p. 369), on the authority of Mr. Alfred Lechevallier, as found dead on the coast of Labrador in 1870.

992. *American Bittern in Sussex.* By W. Barrer. *Ibid.*, VIII, Feb. 1884, p. 68.—A female was taken near Amberly, Sussex, Engl., Nov. 30, 1883.

993. *The last Great Auk.* By J. E. Harting. *Ibid.*, April, 1884, pp. 141, 142.—Relates to a discrepancy in letters of Mr. A. Lechevallier about a specimen of the Great Auk alleged to have been found dead on the coast of Labrador in November, 1870, and obtained by him, record of which was made by Mr. Ruthven Deane in the 'American Naturalist' for 1872 (*Vol. VI*, p. 369). The validity of the record thus made on Mr. Lechevallier's authority appears to be hereby much impaired. (See above, No. 991.)

994. *Occurrence of the Swallow-tailed Kite in Europe.* By E. F. Becher. *Ibid.*, Apr. 1884, p. 145.—Taken on board a ship 'several years back,' about 200 miles from Malta.

995. *On the Application of Trinomial Nomenclature to Zoology.* By Dr. Elliot Coues. *Ibid.*, July, 1884, pp. 241-247.—Dr. Coues's address on this subject before National Academy of Sciences in Washington, April, 1884.

996. *Sabine's Gull in Dublin Bay.* By J. J. Dowling. *Ibid.*, Dec. 1884, p. 490.—A specimen in the first year's plumage was taken at Cloutarf, Nov. 5, 1884.

997. *The American Killdeer Plover in Cornwall.* By Thomas Cornish. *Ibid.*, IX, March, 1885, p. 113.—A specimen of *Ægialitis vociferus* shot at Tresco, in the Scilly Islands, Jan. 15, 1885.

998. *Reported Occurrence of the Blue-winged Teal near Redcar.* By T. H. Nelson. *Ibid.*, p. 113.—A specimen previously recorded (*Zoologist*, 1882, p. 92) by the same writer as *Querquedula discors* proves to have been a young Garganey (*Q. circia*).

999. *Notes on Birds of Manitoba.* By Robert Miller Christey. *Ibid.*, April, 1885, pp. 121-133.—Interesting field notes on about 45 species.

1000. *Notes on the Zoology of Manitoba.* By the late T. B. Wood. (Communicated by J. H. Nelson.) *Ibid.*, June and July, 1885, pp. 224-227, 241-247.—Extracts from letters to Mr. Nelson, giving various interesting notes.

1001. *Bartram's Sandpiper . . . in Cornwall.* By H. E. Dresser. *Ibid.*, p. 232.—Record of a specimen shot "as already recorded in the 'Zoologist,'" several years previously on the cliffs near Coverack.

1002. *Discovery of the Eggs of the Knot, *Tringa canutus*.*—By J. E. Harting. *Ibid.*, Sept. 1885, p. 344.—Referring to Dr. C. Hart Merriam's record in 'The Auk' (II, p. 312), and stating that "Sabine found the Knot breeding in abundance on Melville Island" in 1820, and that "Capt. Lyons found it breeding near Quilliam Creek, Melville Peninsula," in 1823. Reference is also made to Sir John Richardson's reporting "the Knot as breeding in Hudson's Bay, and down to the 55th Parallel," etc.

Publications Received.—Bicknell, Eugene P. A Study of the Singing of Our Birds. (*Auk*, 1884, 1885.)

Harvie-Brown, J. A., J. Cordeaux, R. M. Barrington, G. A. Ware, and W. Eagle Clarke. Report on the Migration of Birds in the Spring and Autumn of 1884. Sixth Report. (Vol. II, No 1.)

Merriam, C. Hart. Department of Agriculture, Division of Entomology, Circular No. 20.

Riley, C. V. Department of Agriculture, Division of Entomology. Circular No. 18.

Ridgway, Robert. Some Emended Names of North American Birds. (Proc. U. S. Nat. Mus. VIII, No. 23, Sept. 2, 1885, pp. 354-356.)

Shufeldt, R. W. On the Coloration in Life of the Naked Skin-tracts on the Head of *Geococcyx californianus*. (*Ibis*, 1885, pp. 286-288, pl. vi.)

Nelson, E. W. Counter-Notes on some species of Birds attributed to Point Barrow, Alaska. (*Auk*, II, pp. 239-241.)

Stephens, F. Notes of an Ornithological trip in Arizona and Sonora. (*Auk*, II, pp. 225-231.)