

mentioning briefly most of the species known to occur there. The paper contains many notes of interest, particularly respecting the rarer winter residents and various casual visitors.—J. A. A.

Bell on Birds observed between Norway House and Forts Churchill and York.—This is an annotated list* of 55 species, of much interest from the localities of observation. Though published in 1880, it has not previously been noticed in either the 'Bulletin N. O. C.' or 'The Auk.'—J. A. A.

Minor Ornithological Publications.—The concluding numbers of 'The Canadian Sportsman and Naturalist'† (Vol. III, Nos. 11 and 12, Dec., 1883) contain the following (Nos. 773-775):

773. *Animals that have disappeared in Recent Times. Canadian Sportsman and Naturalist*, Vol. III, pp. 278-280.—Refers to the Great Auk, the Labrador Duck, the Moas, *Notornis*, etc.

774. *American Ornithologists' Union. Bird Migration*. By C. Hart Merriam. *Ibid.*, pp. 281, 282.—Circular of the A. O. U. Committee on Bird Migration for 1884.

775. *Nesting of the Common Rail (Porzana Carolina)* Niell (= Vieill.). By William L. Kells. *Ibid.*, pp. 283, 284.

Stearns's 'Bulletin of Massachusetts Natural History,' Vol. I, Nos. 1-4, April-July (all thus far published!), contains the following (Nos. 776-782):

776. *Olden Time Notes on Natural History*. Editorial. *Bull. Massachusetts Nat. Hist.*, I, pp. 3-6.—Mostly an extract from Timothy Dwight's 'Travels in New England and New York,' published in 1821, containing allusions to plants, mammals, and birds.

778. *American Ornithologists' Union. Bird Migration*. By C. Hart Merriam. *Ibid.*, pp. 11-13.—Circular of the A. O. U. Committee on Bird Migration for 1884.

779. *A Few Bird Notes*. Editorial. *Ibid.*, No 2, p. 4.—Notes on the arrival of birds in April at Amherst, and allusion to the finding of nests of the Duck Hawk on Mount Tom and Sugar Loaf Mountain in Massachusetts.

780. [*First Capture of the Titlark (Anthus ludovicianus) at Amherst, Mass.*] By W. A. Stearns. *Ibid.*, p. 14.

781. *Henslow's Bunting. Coturniculus henslowi (Aud.) Bp.* Editorial. *Ibid.*, Nos. 3-4, p. 2.—Refers to various previously recorded instances of its occurrence in Massachusetts, and the capture of a specimen at Amherst, June 7, 1884, where the bird is 'almost common.' Also record of the capture at Amherst of the Red-headed Woodpecker.

782. *Birds of Amherst*. [By W. A. Stearns.] *Ibid.*, pp. 6-23.—Re-

* List of Birds from the Region between Norway House and Forts Churchill and York. [By Robert Bell.] Geological Survey of Canada. Report of Progress for 1878-79 (1880). IV, Appendix VI, pp. 676-706.

† For the index to the ornithological articles in the previous numbers of this journal see Auk, pp. 185, 186, April, 1884.

printed, with additions, from the Amherst 'Record,' June-Aug., 1883. (See *anteà*, No. 448, Bull. N. O. C., VIII, p. 238.)

The 'American Naturalist,' Vol. XVIII, 1884, contains, besides various extracts and abstracts from other publications, the following (Nos. 783-792):

783. *The Carolina Wren; a Year of its Life.* By Charles C. Abbott, M. D. *American Naturalist*, Vol. XVIII, pp. 21-25.

784. *Wood Notes and Nest Hunting.* By Horace Lunt. *Ibid.*, pp. 155-160.—Pleasantly written notes about, chiefly, the Wood Pewee and Ovenbird.

785. *A Labor-Saving Fish Hawk.* By T. R. Peale. *Ibid.*, pp. 212, 213.—About the nesting of this species.

786. *Barn Owls in Missouri.* By F. A. Sampson. *Ibid.*, p. 309.

787. *Notes on the Red-wing Blackbird.* By Charles Aldrich, *Ibid.*, pp. 309, 310.—On its nesting habits and decrease in numbers through the reclamation of wet lands.

788. *Migration of North American Birds.* By C. Hart Merriam. *Ibid.*, pp. 310-311.—Circular of the A. O. U. Migration Committee for 1884.

789. *On the Shedding of the Claws in the Ptarmigan and Allied Birds.* By Leonhard Stejneger. *Ibid.*, pp. 774-776.

790. *Does the Crow Blackbird eat Crayfish?* By Clarence M. Weed. *Ibid.*, p. 832.—Part of a crayfish was found in the stomach of a young Crow Blackbird. (See on this subject, *anteà*, Nos. 478 and 480.)

791. *Innovations in Nomenclature.* Editorial. *Ibid.*, pp. 906-908.—Approves of 'trinomial nomenclature,' but objects to four other recent American 'innovations.'

792. *Note on the Pelvis in Birds and Dinosaurs.* By Dr. J. G. Baur. *Ibid.*, pp. 1273-1275.

'Science', Vols. III and IV, 1884, contains the following (Nos. 792-805):

792. *Barn-owls in southern Ohio.* By A. W. Butler. *Science*, Vol III, p. 31.—Fourteen specimens were taken, in the fall of 1883, near Cincinnati, where it had previously been of rare or accidental occurrence.

793. *Osteology of the Cormorant.* By J. A. Jeffries. *Ibid.*, p. 59.—Reply to Dr. Shufeldt (see *anteà*, Nos. 592-594) on this subject.

794. *Barn-owls in Missouri.* By F. A. Sampson. *Ibid.*, p. 116.—Unusual numbers about Sedalia.

795. *Osteology of the Cormorant.* By R. W. Shufeldt. *Ibid.*, p. 143.—In answer to Mr. Jeffries (see No. 793).

796. *Migration of birds in England.* *Ibid.*, pp. 158, 159.—From 'Nature.'

797. *Rare Vermont birds.* By F. H. Herrick. *Ibid.*, p. 216.—Notes on 14 species. Records the capture at Rutland in spring of *Oporornis agilis*, and the breeding of *Recurvirostra americana*(!), *Helminthophaga celata*(!), *Lanius ludovicianus*, *Loxia leucoptera*, *Chrysomitris pinus*, *Picoides arcticus*, and *Gallinula galeata* at different localities in the State. Notes also the capture of *Phalacrocorax carbo*, *Sterna fuliginosa*,

Hydrochelidon lariformis and *Alle nigricans*. The Cormorant and Short-tailed Terns mentioned, and perhaps some of the other instances, appear to have been previously recorded. (See below, No. 80r, where *H. celata* and *R. americana* are expunged from the list.)

798. *Stones placed in pine-trees by birds*. By C. R. Orcutt. *Ibid.*, p. 305.—Stones substituted in some cases for acorns by the acorn-storing Woodpeckers in California.

799. *Osteology of the Cormorant*. By Theodore Gill. *Ibid.*, p. 404.—Refers to a special paper by Yarrell on the subject, in which the 'occipital style' of Shufeldt and Jeffries is called the 'xiphoid bone.'

800. *Osteology of the Cormorant*. By J. Amory Jeffries and R. W. Shufeldt. *Ibid.*, p. 274.—Comment on Dr. Gill's note. (See last title.)

801. *Rare Vermont birds*. By Francis H. Herrick. *Ibid.*, p. 303.—States that *Recurvirostra americana* and *Helminthophaga celata* were given in his former note (see above No. 797) on this subject "on mistaken evidence."

802. *Coues's Key to North American birds*. [By J. A. Allen.] *Ibid.*, Vol. IV, pp. 86, 87.—Notice of the work.

803. *Increase in growth of young robins*. By Charles S. Plumb. *Ibid.*, p. 159.

804. *The American ornithologists' union*. *Ibid.*, pp. 374-376.—Report of the meeting of 1884.

805. *The bird collection of the U. S. national museum*. By Robert Ridgway. *Ibid.*, pp. 496, 497.—Its history and present status.

'Science Record,' Vol. II (closing, we are sorry to say, the short-lived career of this excellent journal, 'worthy of a better fate'), contains the following (Nos. 806-811):

806. *The American Ornithologists' Union*. By E[lliott]. C[oues]. *Science Record*, II, pp. 13, 14.—Account of the founding of the A. O. U.

807. *The Blue Grosbeak*. By G. E. Manigault, M. D. *Ibid.*, pp. 33, 34.—'Quite abundant' near Charleston, S. C. Short account of its habits, and record of the capture of two specimens of Swainson's Warbler in 'August last' (1883!) The latter proves to have been based on an erroneous identification (see *Auk*, II, p. 105).

808. *Chuck-will's Widow*. By Arthur T. Wayne, *Ibid.*, pp. 82, 83.—Account of its habits as observed at Charleston, S. C.

809. *Classification of Birds*. By Leonhard Stejneger. *Ibid.*, pp. 154, 155.

810. *Note on the Bronzed Cow-Bird*. By Geo. F. Gaumer. *Ibid.*, pp. 262, 263.—Description of *Molothrus æneus*, and account of its habits as observed in Yucatan.

811. *The English Sparrow*. *Ibid.*, pp. 264, 265.—A reproduction of a humorous, erroneous, and unfair newspaper report of the Report of the A. O. U. Committee on the European House Sparrow.

812. *Ornithological Field Notes, with one Addition to the Cincinnati Avian Fauna*. By William Hubbell Fisher. *Journ. Cincinnati Soc. Nat. Hist.*, VII, No. 1, April, 1884, pp. 10-13.—The species added is

Falco peregrinus naevius, and there are notes on *Astur atricapillus*, *Loxia curvirostra americana*, *Lanius borealis*, and *Bubo virginianus*.

813. *A List of our local Birds represented in the Museum [of the Vassar Brothers Institute]*. By W. G. Stevenson, M. D. *Trans. Vassar Brothers Institute*, II, 1883-84, pp. 153-162.—A nominal list of the species represented.

814. *Dates of the Appearance of Herring, Shad, Bass, Tautog, Scup, Frostfish, Fish-hawks, Kingfishers, and Greenland Seal in Taunton River, from 1871 to 1883, inclusive*. By Elisha Slade. *Bull. U. S. Fish Comm.*, III, p. 478, Dec. 7, 1883.—Table of dates.

815. *A Rare Visitor*. By Thirlstane [= David Thirslane Bruce]; *Brockport [N. Y.], Republic*, May 29, 1884.—Capture of *Cathartes aura* near Brockport, N. Y. (See *Auk*, I, p. 293, where the same specimen is again recorded.)

The 'American Field,' Vols. XXI, XXII, 1884, contains, besides articles from 'The American Naturalist,' 'The Auk,' 'Science,' London 'Field,' etc., the following (Nos. 816-845):

816. *Bird Migration in the Mississippi Valley*. By W. W. Cooke and Otto Widmann. *American Field*, Vol. XXI, Jan. 5, p. 9; Jan. 19, pp. 67-68; Jan. 26, pp. 88, 89. (Concluded from preceding volume. See *Auk*, I, p. 188.)

817. *The Upland Plover*. By Mont Clare (of Claremont, N. H.). *Ibid.*, Jan. 12, pp. 35-37.—On the habits of the bird.

818. *American Ornithologists' Union—Bird Migration*. By C. Hart Merriam. *Ibid.*, Feb. 2, p. 113.—Circular of the Committee on the Migration of North American Birds. (See *The Auk*, I, pp. 71-76.)

819. *Bird Migration*. By W. W. Cooke. *Ibid.*, Feb. 16, p. 162.—An appeal for correspondents in the Mississippi Valley District.

820. *Yoke-toed Birds — (Zygodactyli)*. By Col. A. G. Brackett, U. S. Army. *Ibid.*, Feb. 23, p. 185.—On North American Woodpeckers and Cuckoos.

821. *The Titlark Sparrow (Passerculus Anthinus Bonap.)*. By B. T. Gault. *Ibid.*, Feb. 23, pp. 185, 186.—Account of three specimens, and of nest and eggs, taken in San Diego Co., Cal.

822. *The Cranes*. By Col. A. G. Brackett, U. S. Army. *Ibid.*, March 1, p. 209.—Desultory notes on, chiefly, North American Cranes and Herons.

823. *The Genus Empidonax*. By Morris Gibbs. *Ibid.*, March 8, p. 232. Interesting notes on the four species occurring in Michigan.

824. *The Humming-bird[s]—(Trochilidæ)*. By Col. A. G. Brackett, U. S. Army. *Ibid.*, March 8, pp. 232, 233.—Unimportant notes on several North American species.

825. *Perching Birds—(Insectores)*. By Col. A. G. Brackett, U. S. Army. *Ibid.*, March 15, pp. 256, 257.—Remarks on various North American species, consisting largely of quotations from authors.

826. *A Plea for the Hawks*. By G. H. Ragsdale. *Ibid.*, March 22, p. 281.—Urging discrimination in the slaughter of these birds, the greater

part of which are beneficial, they subsisting chiefly upon noxious mammals and insects.

827. *Nuttall's Woodpecker (Picus Nuttallii)*. By B. T. Gault. *Ibid.*, March 29, p. 305.—On its habits, from observations made in the San Bernardino Valley, Cal.

828. [*Woodcock Nesting in Northern Mississippi*.] By N. B. Nesbitt. *Ibid.*, March 29, p. 305.

829. *The Valley Quail*. By T. S. Van Dyke. *Ibid.*, May 17 and 24, pp. 473, 474, 496, 497.—A detailed account of its habits forms Chap. XXIII and XXIV of a series of papers entitled 'The Hills and Streams of Southern California.'

830. *Bird Migration*. By B. W. Everman. *Ibid.*, June 7, pp. 544, 545.—List of arrivals at Camden, Ind., March 30 to May 12, 1884. Also, under same heading, notes by 'W. C. A.' on a few species observed at Greensboro, Ala.

831. *A Winter Day's Observations on Birds at Dan's Station, Stark Co., Ind.* By H. K. Coale. *Ibid.*, June 7, p. 545.

832. *Habits of Geese [in Confinement]*. By Junius P. Leach. *Ibid.*, June 14, p. 569.

833. *Colonel Brackett on Cranes*. By 'Byrne.' *Ibid.*, June 21, pp. 592, 593.—Correction of errors in Col. B's article on this subject (see above, No. 822).

834. *Bob Blue [Calipepla squamata] and his Kinsfolk*. By Charles Hallock. *Ibid.*, June 28, pp. 616, 617.—On the Quails of Texas.

835. *History of a Wing-tipped Quail [Ortyx virginianus]*. By J. L. T. *Ibid.*, Vol. XXII, July 12, p. 34.

836. *A Rare Bird*. By Dr. A. Wall. *Ibid.*, July 26, p. 82.—Capture of the Wood Ibis near Bloomery, W. Va.

837. *The Birds [of California]*. By T. S. Van Dyke. *Ibid.*, Aug. 23, pp. 176, 177.—An article of three columns in length, giving remarks of some interest on various species.

838. *Foraging by Smell*. By Charles Hallock. *Ibid.*, Sept. 6, p. 255.—Detailing observations on the habits of the Turkey Buzzard in relation to its alleged keen sense of smell.

839. *What the Crow Eats*. By R. J. W. *Ibid.*, Oct. 4, p. 321.—Verdict against the Crow.

840. *Four-footed Birds*. [By Edward M. Brigham.] *Ibid.*, Oct. 25, pp. 392, 393.—On the habits and embryonic characters of *Opisthocomia cristata*, which is said to have 'quadrupedal characters' in its early stages, which it retains 'for several days' after hatching!

841. *What the Crow Eats*. By F. L. P. *Ibid.*, Nov. 8, p. 440.—Record of the killing of 'fifteen hundred' in one hunt, at Muldon, Miss.

842. *Fashionable Follies*. By Charles Aldrich. *Ibid.*, Nov. 15, p. 465.—On the 'wanton and wasteful' destruction of birds for millinery purposes.

843. *What the Crow Eats*. By Charles Aldrich. *Ibid.*, Nov. 22, p.

488.—In behalf of the Crow, and criticising the wholesale slaughter mentioned by 'F. L. P.' (see above, No. 841).

844. *The Canada Goose*. By A. A. Mosher. *Ibid.*, Dec. 6, p. 537.—Nests in large numbers about Spirit Lake, Ia.

845. *What the Crow Does Eat*. By M. G. Ellzey, M. D. *Ibid.*, Dec. 13, p. 561.—Strong charges against the utility of the Crow.

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