

Shufeldt on the Avian Patella.*—An interesting paper, giving clear descriptions and good figures of the knee-pan in *Aptenodytes*, *Corvus*, *Mergus*, *Sula*, *Podiceps*, *Colymbus*, *Fulmarus*, *Phalacrocorax*, and *Hesperornis*. The author adheres to the second view, that the patella does not represent a 'detached olecranon,' and proves it by showing that the sesamoid may coexist, as it does in *Podiceps*, with a very large cnemial process of the tibia, the latter being the true antitype of the olecranon.

Nothing advances the progress of scientific ornithology more speedily or more effectually than the anatomical studies of such men as Macgillivray, Huxley, Garrod, Forbes, and Shufeldt.—E. C.

Minor Ornithological Publications.—The 'Ornithologist and Oölogist,' Volume VIII,† contains the following (Nos. 669-771):—

669. *Breeding Habits of the Carolina and American Eared Grebes.*—*Podilymbus podiceps* and *Dytes nigricollis californicus*. By B. F. Goss. *Ornithologist and Oölogist*, Vol. VIII, pp. 1, 2.

670. *Explanation.* By J. G. Cooper. With a note by the Editor. *Ibid.*, p. 2.—On the number of eggs laid by Owls.

671. *Horned Grebe* [*Dytes auritus*] in *Conn[ecticut]*. By Chas. A. Thompson. *Ibid.*, p. 3.

672. *Rare Specimens at Bangor, Me.* By E. S. Bowler. *Ibid.*, p. 3.—Hawk Owl, Rough-legged Hawks, Snowy Owls, etc.

673. *Fishing and Catching Ducks.* By Wm. P. Tarrant. *Ibid.*, p. 3.—Ducks (species not stated) caught on set-lines, in 125 and 200 feet of water in Lake Michigan.

674. *White Heron* (*Herodias alba egretta*). By Jno. H. Sage. *Ibid.*, p. 4.—Shot at Saybrook, Conn., Aug. 11, 1882. (Previously recorded by same writer in O. and O., VII, p. 189. See *antea*, No. 443.)

675. *Field Glass* [*Ornithology*]. By G. R. C. *Ibid.*, pp. 5, 6. (See above, No. 412, in Bull. N. O. C., VIII, 236.)

676. *Long-billed Marsh Wren.* By B. B. Haines. *Ibid.*, pp. 6, 7.—Nesting habits as observed in New Jersey.

677. *Crossbills* [*in Tennessee*]. By G. S. Smith. *Ibid.*, p. 7.—Relates to the instances previously recorded by same writer in Bull. N. O. C., VII, 56.

678. *Virginia Rail.* Editorial. *Ibid.*, p. 7.—Harry F. Haines collected 1,000 eggs of this species in one season on the salt meadows of Elizabeth, N. J.

679. *Notes from Hartford, [Conn.]*. By Harry T. Gates. *Ibid.*, p. 8.—Notes on various winter birds.

* Concerning some of the Forms assumed by the Patella in Birds. Proc. U. S. Nat. Mus. Vol. vii, 1884, pp. 324-331. figg. 1-7.

† The 'Ornithologist and Oölogist' will not be hereafter indexed, as heretofore, in the list of 'Minor Ornithological Publications,' owing in part to pressure on our space, but mainly from the fact that it has become a publication of so much importance that none of our readers should fail to have it in their libraries.

680 *Eggs in a Set*. By Snowdon Howland. *Ibid.*, p. 8.—Large clutches of Catbird, Robin, etc., reported, and the nesting in odd places by other species.

681. *Notes from Galesburg, Ill.* By C. W. Strumberg. *Ibid.*, p. 8.—Interesting notes on the nesting of several species.

682. *Oological and Ornithological*. By A. H. Mundt. *Ibid.*, pp. 9, 10.—Notes on the nesting of about 20 species at Fairburg, Ill.

683. *Cardinal Grosbeak*. By Edgar A. Small. *Ibid.*, pp. 10, 11.—Its nesting habits at Hagerstown, Md.

684. *Blue Yellow-backed Warbler's Nest*. Editorial. *Ibid.*, pp. 12, 13.

685. *Eggs in a Set*. By M. Day Murphey, Jr. *Ibid.*, p. 13.—Large clutches of several species reported.

686. *Corrections*. By Robert Ridgway. *Ibid.*, p. 13.—Of D. D. Stone's 'Notes from Colorado,' in O. and O., VII, p. 192. (See *anteà*, No. 446.)

687. *Bobolinks*. Editorial. *Ibid.*, p. 14.—On their scarcity in Connecticut, and their wholesale destruction by gunners along the Delaware and southward in the fall. 1,000,000 Rails and Bobolinks killed near the mouth of the Delaware "during the month of September alone."

688. *Savannah Sparrow*. By J. M. Howey. *Ibid.*, p. 16.—"Breeds commonly throughout Western New York."

689. *Rare Birds*. By Chas. E. Bellows. *Ibid.*, p. 16.—"Common Cormorant (*Phalacrocorax carbo*)" taken at Bridgton, N. J.

690. *Among the Buteos*. By J. M. W[hipple]. *Ibid.*, pp. 17, 18.—Notes on the nesting of various species near Norwich, Conn., during the season of 1882. 104 eggs taken!

691. *Notes from Nebraska*. By H. A. Kline. *Ibid.*, pp. 18, 19.—On the nesting of several species of Hawks and Owls.

692. *The Prothonotary Warbler*. By D. E. Lantz. *Ibid.*, pp. 19, 20.—Its nesting habits at Manhattan, Kan.

693. *Clark on "Gull Island"*. By John N. Clark. *Ibid.*, p. 21, with cut (of a nesting Roseate Tern, swallowing a herring of nearly its own size).

694. *Ipswich Sparrow*. By Moses B. Griffing. *Ibid.*, p. 22.—Taken on Shelter Island, N. Y., Nov. 21, 1882.

695. *Capt. Chas. E. Bendire, U. S. A.* Editorial. *Ibid.*, pp. 22, 23.—Extracts from his letter of Dec. 29, 1882, recounting the results of his natural history work the previous season, and announcing that 'it has been whispered' that he is to complete the 'North American Oölogy' left unfinished by the late Dr. T. M. Brewer.

697. *Night Herons Breeding on the Marsh*. By Delos Hatch. *Ibid.*, p. 23.—Nesting in the grass and rushes of a marsh in Wisconsin.

698. *Mississippi Valley Migration*. By W. W. Cooke. *Ibid.*, pp. 25-27, 33, 34, 41-42, 49-53, 65-67, 73-75, 81-83, 89-91.—Winter birds of St. Louis, Mo., and Manhattan, Kan., compared (pp. 25-27); spring migration of the Robin (pp. 33, 34); notes from various stations on winter

birds (pp. 41, 42); spring migration of Ducks and Geese, Blackbirds and Bluebirds (pp. 49-53); Purple Martin, Brown Thrush and Black Snowbird (pp. 65-67); Warblers (pp. 73-75, 81-83); Olive-backed Thrush, Catbird, Kinglets, Brown Creeper, House Wren, Red-eyed Vireo, White-bellied Swallow, and Scarlet Tanager (pp. 89-91).

699. *Notes from Bloomington, Ind.* By B. W. Everman. *Ibid.*, pp. 27, 28.—Notes on the Mockingbird, Summer Redbird, Bobolink, and Carolina Wren. White-winged and Red Crossbills reported as taken for the first time in the State.

700. *Odd Bird Songs.* By S. Frank Aaron. *Ibid.*, p. 28.—Relates to Golden-crowned Thrush, Black-throated Green Warbler, and Maryland Yellow-throat.

701. *The Gannet, Tula [sic] bassana, or Solan Goose.* By J. T. T. Reed. *Ibid.*, p. 30.—Its habits, etc., as observed in England.

702. *American Redstart (Setophaga ruticilla).* By Dr. H. A. Atkins. *Ibid.*, p. 31.—Dates of its arrival at Locke, Michigan, for twenty-six years.

703. *White-bellied Nuthatch.* By L. R. Rich. *Ibid.*, p. 31.—Its nest and eggs, taken at Saratoga, N. Y., described.

704. *Notes from Connecticut.* By C. M. Jones. *Ibid.*, p. 32.—A pair of Mallards shot at Eastford, Conn., Oct. 30, 1882.

705. *Phoebe Birds in Winter.* By Edgar A. Small. *Ibid.*, p. 32.—At Hagerstown, Md.

706. *Yellow Rump Warbler.* By A. Hall. *Ibid.*, p. 32.—Shot Jan. 13, 1883, in Northern Ohio.

707. *Oological.* By Snowdon Howland. *Ibid.*, p. 35.—Chiefly relates to the eggs of Clapper, Virginia, and Sora Rails.

708. *Golden Eagle's Nest and Eggs.* By Will Stembeck. *Ibid.*, p. 36.—Locality, Hollister, Cal.

709. *Ash-throated Flycatcher (Myiarchus cinerascens [sic]).* By W. O. Emerson. *Ibid.*, p. 36.—Its nesting habits, at Haywards, Cal.

710. *The Blue-winged Yellow Warbler.* By J. N. Clark. *Ibid.*, pp. 37, 38.—Its nesting in Southern Connecticut, where "it is quite common in the migrations."

711. *The Clapper Rail.* By B. B. *Ibid.*, p. 40.—Its abundance, habits, etc., in the marshes of Elizabeth, N. J.

712. *Brief Ornithological Notes from Newfoundland.* By C. Hart Merriam, M. D. *Ibid.*, p. 43.—On birds seen on a sealing cruise, and about St. John's, in March and April, 1883.

713. *Ruby-crowned Kinglet.* By Fred. T. Jencks. *Ibid.*, p. 45.—Only males found to have crests.

714. *An April Walk.* By J. M. W[hipple]. *Ibid.*, pp. 44, 45.—Desultory notes on birds observed April 10, 1883, at Norwich, Conn.

715. *Cardinal Grosbeak.* By W. T. Warwick. *Ibid.*, p. 46.—On its time of nesting at Washington, Pa.

716. *Crows Eating Herons' Eggs.* By A. G. Van Aken. *Ibid.*, p. 46.

717. *Lesser Red Poll* (*Ægiothus linaria*). By C. O. Tracy. *Ibid.*, p. 47.—“Nest and eggs of this species” found “the last of March, 1878,” at Taftsville, Vt. ! The species was doubtless the Pine Finch (*Chrysomitris pinus*).

718. *Stormy Petrel* (*Thalassidroma pelagica*). By O. B. Deane. *Ibid.*, p. 47.—Shot at Springfield, Mass., “a few years ago.” (The species was evidently a ‘Stormy’ Petrel, but probably not *T. pelagica*.)

719. *Ipswich Sparrow*. By Wm. Dutcher. *Ibid.*, p. 48.—Eight, out of ten seen, taken at Great South Beach, L. I., in January and February, 1883.

720. *Plain English*. By Montague Chamberlain. *Ibid.*, pp. 53, 54.—Ostensibly a plea for plain, untechnical language in works on natural history.

721. *Bewick's Wren*. By Howard Jones. *Ibid.*, p. 54.—Description of its nest and eggs, found at Circleville, Ohio.

722. *Sharp-shinned Hawk*. *Red-headed Woodpecker*. *House Sparrow*. By W. B. Fonda. *Ibid.*, p. 55.—The Hawk nesting in a Woodpecker's hole.

723. *Birds in Confinement*. By Annie Trumbull Slosson. *Ibid.*, p. 55.—An albinistic Catbird, a Myrtle Bird, and Chewink.

724. *Curious Nesting Place*. Editorial. *Ibid.*, p. 56.—House Sparrows nesting inside of a depot gong.

725. *An Unrecorded Habit of the Red-Headed Woodpecker*. By Howard Jones. *Ibid.*, p. 56.—Robbing the nests of Cliff Swallows and sucking Hen's eggs!

726. *Ruby-crowned Kinglet*. By Wm. Brewster. *Ibid.*, p. 56.—Females, as a rule, lack the scarlet crown-patch.

727. *A Reply to Dr. Coues*. By Montague Chamberlain. *Ibid.*, pp. 57-59. (From the Quebec ‘Morning Chronicle.’) —Relates mainly to questions of nomenclature.

728. *Short-eared Owl*. Editorial. *Ibid.*, pp. 60, 61.—On its habits and distribution, with quotations from authors and interesting new matter furnished by H. A. Kline and G. A. McCallum.

729. *Long-eared Owl*. By F. H. C[arpenter]. *Ibid.*, pp. 61, 62.—Its nesting habits and eggs.

730. *Canada Jay*. By F. H. C[arpenter]. *Ibid.*, p. 62.—Description of nests and eggs found in Northwestern Maine, March 16 and 20, 1881.

731. *Woodcock and Turtle*. Editorial. *Ibid.*, p. 63.—The former caught by the latter.

732. *The Black-headed Grosbeak* (*Zamelodia melanocephala*). By C. W. Beckham. *Ibid.*, p. 63.—A male found incubating.

733. *Least Bittern*. By Snowdon Howland. *Ibid.*, p. 64.—An instance of peculiar behavior.

734. *Greater Yellow-legs*. By Thos. Morgan. *Ibid.*, p. 67.—Nest of *Totanus melanoleucus* found at Somerville, N. J. (!)

735. *Great-horned Owls*. By F. H. C[arpenter]. *Ibid.*, p. 68.—Eggs found in one nest for eleven successive years; the twelfth year it was found that the nesting-tree had been destroyed.

736. *Red Crossbills*. By A. H. Helme. *Ibid.*, p. 68.—Found breeding, and nest and eggs secured, April 10, 1883, near Miller's Place, L. I., N. Y.
737. *Barred Owl*. By F. H. C[arpenter]. *Ibid.*, pp. 69, 70.—Its nesting habits, as observed at Rehoboth, Mass.
738. *Notes from California*. By W. O. Emerson. *Ibid.*, p. 70.—Brief references to the nesting of various species.
739. *Flying Squirrels and Their Work*. Editorial. *Ibid.*, p. 70.—Suspected of destroying birds' eggs.
740. *Notes from Greenfield, Mass.* By S. W. Comstock.—Nesting of *Dendroica blackburniae* and *Sitta carolinensis*, etc.
741. *Arrivals*. By C. O. Tracy. *Ibid.*, p. 71.—Among early spring arrivals, at Taftsville, Vt., the Shore Lark is mentioned as seen for the first time at this locality.
742. *Rose-breasted Grosbeak*. By Chas. Edw. Prior. *Ibid.*, p. 71.
743. *Late Nesting*. By G. S. Agersborg. *Ibid.*, p. 71.—Marsh Hawk and Mallard with fresh eggs, July 4, at Vermillion, D. T.
744. *Swamp Sparrow*. By C. H. Wilder. *Ibid.*, p. 71.—A previous record of its breeding should be corrected to read 'Song Sparrow.'
745. *Pigeon Hawk. Sparrow Hawk*. By Charles D. Gibson. *Ibid.*, p. 72.—Both (!) species found breeding at Brandywine Springs, Del.
746. *Alex. Wilson*. Editorial. *Ibid.*, p. 76.—Portrait of Wilson, with an account of the same, etc.
747. *Boat-Tailed Grackle*. By Edgar A. Small. *Ibid.*, p. 76.—Breeds in suitable localities as far north, along the Chesapeake Bay, as Kent Co., Md.
748. *Hairy Woodpecker*. (*Picus villosus*.) By J. N. Clark. *Ibid.*, pp. 77, 78.—Nesting near Saybrook, Conn.
749. *Curious Nesting [of a Blue Jay]*. *Blue Jays Tame*. By J. N. Clark. *Ibid.*, p. 78.
750. *Nesting Notes from Connecticut*. By J. L. Goff. *Ibid.*, p. 78.
751. *Notes from San Jose, Cal.* By A. L. Parkhurst. *Ibid.*, p. 79.—On nesting of Black-headed Grosbeak, *Elanus glaucus*, *Phalacroptilus nuttalli*, etc.
752. *Audubon*. By W. S. J. *Ibid.*, p. 79.—Description of Audubon's mill at Henderson, Ky.
753. *Winter Birds [at Saybrook, Conn.]*. By John H. Sage. *Ibid.*, p. 80.
754. *White Herons*. By W. T. Warrick. *Ibid.*, p. 80.—Seven shot, and many more seen, at Washington, Pa.
755. *Pigeon Hawks*. By Charles D. Gibson. *Ibid.*, p. 80.—Affirming the correctness of his previous note (see above, No. 745), on the breeding of this species in Delaware, where, he adds, "the Pigeon Hawk is resident."
756. *Ruby-Crowned Kinglet*. By D. D. Stone. *Ibid.*, pp. 83, 84.—Its nest, eggs, and breeding habits as observed in Colorado.
757. *Short-eared Owl*. By F. H. Carpenter. *Ibid.*, p. 84.—Its breeding habits at Rehoboth, Mass.

758. *Clarke's Crow in Southern Dakota.* By G. Ayersborg [=Agersborg]. *Ibid.*, p. 84.
759. *The Hawks of '83.* By J. M. W[hipple]. *Ibid.*, p. 85.
760. *Downy Woodpecker.* By John M. Howey. *Ibid.*, p. 85.
761. *Baltimore Oriole [as a Cage Bird].* By W. L. Scott. *Ibid.*, p. 86.
762. [*Nest of the*] *Least Bittern.* By Charles H. Neff. *Ibid.*, p. 86.
763. "*Monkey-Faced Owls.*" By W. P. Tarrant. *Ibid.*, p. 87, with cut.—Obviously the Barn Owl.
764. *Interesting Notes.* By Charles D. Gibson. *Ibid.*, pp. 87, 88.
765. *A Surprised Blue Jay.* By S. H. L. *Ibid.*, p. 88. (From the Germantown 'Telegraph'.)
766. *Change of Ownership.* Editorial. *Ibid.*, p. 92.—Valedictory, and announcement of the transfer of the 'O. and O.' to Mr. Frank B. Webster of Pawtucket, R. I.
767. *Notes from Manhattan, Kan.* By D. E. Lantz. *Ibid.*, p. 92.—On the nesting of a few species.
768. *Screech Owls Breeding in Confinement.* By F. H. Carpenter. *Ibid.*, pp. 93, 94.
769. *Snow Buntings and Pileated Woodpeckers.* By Charles D. Gibson. *Ibid.*, p. 94.
770. *Bell's Virco*—(*Virco belli.*) By D. E. Lantz. *Ibid.*, pp. 94, 95.
771. *Red-headed Woodpeckers.* By Moses B. Griffing. *Ibid.*, p. 95.—At Shelter Island, N. Y.
772. *Yellow-breasted Chat.* By F. H. Carpenter. *Ibid.*, p. 96.—Breeding at Rehoboth, Mass.—J. A. A.

Publications Received.—**Barrows**, W. B. *Birds of the Lower Uruguay.* (Bull. N. O. C., VIII, and Auk, I.)

Cory, C. B. *The Birds of Haiti and San Domingo, Part III, 1884, 4to, pp. 112-160, pll. 6.*

Garman, S. *On the Use of Polynomials as Names in Zoölogy.* (Proc. Boston Soc. Nat. Hist., 1884, pp. 7 [repaged].)

Gurney, J. H., Jr. (1) *Catalogue of the Birds of Norfolk.* London, 1884. 8vo. pp. 47. (2) *On the 'Hairy' Variety of the Moorhen (Gallinula chloropus).* (Trans. Norfolk and Norwich Naturalists' Soc., III, pp. 581-587.) (3) *On the Occurrence of a Flock of the Arctic Blue-throated Warbler (Erithacus suecica) in Norfolk.* (*Ibid.*, pp. 597-601.)

Ingersoll, Ernest. *Country Cousins: Short Studies in the Natural History of the United States.* New York, 1884, 8vo. pp. 252. Illustrated.

Sharpe, R. Bowdler. (1) *Notes on Timeliidæ.* (Notes from the Leyden Mus., VI, pp. 167-178.) (2) *On an Apparently Undescribed Genus [Orthnocichla] of Wrens from Timor.* (*Ibid.*, pp. 179, 180.)

Shufeldt, R. W. *Osteology of Numenius longirostris, with Notes upon the Skeletons of other American Limicolæ.* (Journ. Anat. and Phys., XIX, pp. 51-82, pll. iv, v.)