HYDROPHASIANUS SINENSIS.

Revised and J. O. Pucheran, 1844, p. 116.

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HYDROPHASIANUS SINENSIS.

Chinese Jacana.

- Parra Sinensis*, Lath. Ind. Orn., vol. ii. p. 764.—Gmel. Edit. Linn. Syst. Nat., tom. i. part ii. p. 709.—Gould, Century of Birds, pl. 77.—Gray, Ill. Ind. Zool., vol. ii. pl. 55.—Hodgs. in Gray's Zool. Misc. p. 86.—Sykes in Proc. of Comm. of Sci. and Corr. of Zool. Soc., part ii. p. 164.—Steph. Cont. of Shaw's Gen. Zool., vol. xii. part i. p. 269.—Vieill. 2nd Edit. du Nouv. Dict. d'Hist. Nat. tom. xvi. p. 451.—Ib. Ency. Méth. Orn., part iii. p. 1056.—Jerd. in Madras Journ. of Lit. and Sci., vol. xii. p. 204.
- Chinese Jacana*, Lath. Gen. Syn., vol. v. p. 246.—Ib. Supp., vol. ii. p. 324.—Lath. Gen. Hist., vol. ix. p. 391.—Ib. Gen. Syn. Supp., p. 256. pl. 117.
- Parra Luzoniensis*, Lath. Ind. Orn., vol. ii. p. 764.—Gmel. Edit. Linn. Syst. Nat., tom. i. part ii. p. 709.—Vieill. 2nd Edit. du Nouv. Dict. d'Hist. Nat., tom. xvii. p. 447.—Ib. Ency. Méth. Orn., part iii. p. 1057.
- Le Chirurgien de l'Isle de Luçon*, Sonn. Voy. à la Nouv. Guinée, p. 82. pl. 45.
- Luzonian Jacana*, Lath. Gen. Syn., vol. v. p. 245.—Ib. Supp., p. 256.—Ib. Gen. Hist., vol. ix. p. 390.
- Le Jacana à longue queue*, Cuv. Règn. Anim., tom. i. p. 498.
- Parra phœnicura*, Hodgs. in Gray's Zool. Misc., p. 86 (Gray).
- Hydrophasianus Sinensis*, Wagl. in Oken's Isis, 1832, p. 279.—Gray and Mitch. Gen. of Birds, vol. iii. p. 589.—Gray, List of Birds in Coll. Brit. Mus., part iii. p. 114.—Ib. Cat. of Spec. and Draw. of Mamm. and Birds presented to Brit. Mus. by B. H. Hodgson, Esq., p. 142.—Blyth, in Jard. Cont. to Orn. 1852, p. 53.
- Tringa chirurgus*, Scopoli.
- Hydrophasianus Chirurgus*, Blyth, Cat. of Birds in Mus. Asiat. Soc. Calcutta, p. 273.
- Dál-Kukra*, Hindoos, Blyth.
- Bhépi* or *Bhenpi*, Bengalese, Blyth.
- Vuppi-pi*, *Sohna*, *Surdul* and *Sookdel*, Lath.
- Pee wa*, at Cawnpore, Lath.
- Pekwar*, or *Joll mor*, Lath.
- Water Peacock* of the English, Lath.

THIS species may certainly be considered one of the most elegant Jacanas yet discovered, and India may well be proud of so graceful an ornament to her marshes, for a residence among which its entire structure is most admirably adapted, its body being light and buoyant in the extreme, and the great expanse of its feet and nails enabling it to traverse the floating herbage, leaves of the *Nymphæa*, &c. with the greatest facility. On the other hand, the filamentous or lancet-shaped terminations of the primaries would seem to militate against any great powers of flight, and accordingly while those who have had opportunities of observing it in a state of nature duly record the facility with which it swims and dives, they are silent as to its flight. That it is widely diffused over India, is evidenced by the circumstance that specimens occur in most of the collections sent from that country; it is also said to inhabit China and the Philippines.

It has been stated that the Chinese Jacana undergoes a seasonal change, but I think that this has not been clearly ascertained. To this point then I would direct the attention of those gentlemen who have opportunities of observing the bird in a state of nature. It is just possible that the females have the under surface always white; that the young males closely resemble them; and that fully adult males are distinguished by the style of plumage represented in the principal figure of the opposite Plate.

In Sir William Jardine's "Contributions to Ornithology" for 1852, Mr. Blyth informs us that "A good notice of the habits of the *Hydrophasianus* occurs in the 'Calcutta Sporting Review,' vol. v. p. 7. 'These birds,' remarks the writer, 'breed during the rains, in flooded spots where the lotus is plentiful, the pair forming a rude flat nest of grass and weeds, interwoven beneath with the long shoots of some growing aquatic plant, which retain it buoyant on the surface; herein are laid six or seven olive-brown, pear-shaped eggs, of an inch and a quarter in length. Their slender bodies and widely extending toes enable the Jacanas to run with facility, apparently on the water, but in reality wherever any floating leaves or green herbage meets their light tread. The food consists of the green tender paddy, or other vegetable growth dependent on inundation for its production, and the numerous species of insects that abound in such spots. The cry is like that of a kitten in distress, whence their native name of *meewah*. In flight the legs are trailed behind like those of the Herons. The flesh is excellent. It is remarkable, with respect to these birds, that

a winged or only wounded one is never recovered. Though not web-footed, they dive instantly on the attempt to capture them, and you see them no more.' Of course, like so many other waders and water-fowl (*Gallinules* and *Grebes* for instance), they remain concealed among the aquatic herbage, with the nostrils only above water, and so wait until they consider all danger over.

"As remarked by Mr. Jerdon, 'This handsome species is (in the Peninsula of India) perhaps more generally spread than the other *Jacana* (*Metopidius Indicus*), but is not so numerous, except in some few localities. It frequents, like the other, weeded and lily-covered tanks, but is also often to be seen feeding at the edges of rivers and tanks totally devoid of weeds. Feeds on seeds, also on shells and water-bugs.' This accords with our own observation in Bengal, where we have sometimes seen it, to all appearance, walking on the water, and slight and little visible were the supports on which its long toes really rested. So far as we have seen, it is much less gregarious than *Metopidius Indicus*. We have kept both species tame for months together, thriving well upon the shrimps upon which all our various small *Grallatores* were fed. *H. Sinensis* was, in the aviary, rather quarrelsome with its kind, but agreed well with every other species."

I find figures of the adult and young of this species among the drawings of the late Hon. F. J. Shore; and the following notes are taken from the accompanying MS. :—

"Futtehghurh, June 16, 1834.—I have been more than two years at this place, and have only observed these birds just at this season of the year and till July. Sometimes only a single one, at others a pair walking by the river side, or rather on sand-banks among the reeds and grass; upon one occasion I observed several pairs. The stomach of those examined contained insects.

"Meangunj in Oude, Feb. 23, 1835.—Common in the marshes of Bengal; less so in those of the upper provinces. Found small shell-fish and insects in the stomach. If kept a short time these birds are very well flavoured and almost equal to snipe.

"In Nov. 1836, I found these birds in the Jubulpoor territories, and the stomachs of those I examined filled with rice."

Capt. Boys states that it is "common near Mando and at Nalcha. Runs nimbly over the water-plants which cover the lakes near Malwa, procuring its food as it runs: this consists of weeds, the larvæ of water-insects, and occasionally of the perfect insect.

"Its note resembles the word *pee-oo*, with an intonation resembling the Cuckoos, but somewhat sharper and shorter in the delivery."

The sexes, as will be seen by the following descriptions, differ very considerably in colour; the female is also much smaller than her mate.

Forehead, face, and front of the neck white; on the occiput a patch of black; back of the neck golden-buff, separated from the white by a narrow line of black; upper part of the body and the scapulars glossy chocolate-brown; under surface similar, but of a very much deeper hue; wings white, the spurious wing-feathers tipped with chocolate-black, the two outer quills entirely chocolate-black, the next chocolate-black with a large mark of white along the basal portion of the inner web, the six succeeding white, margined and tipped with chocolate-black; outer secondaries white; inner ones white, with a large patch of brown on the basal portion of the inner web; tail deep chocolate-black; bill, legs and feet varying in colour from deep green to a pale sickly pea-green; eyes dark brown; spur on the shoulder horn-colour.

The female and young male have the head and upper surface glossy mottled light and dark brown, some of the feathers being banded with freckles of black; wing-coverts lighter brown, crossed with freckled bands of dark brown; lores, and a broad irregular band passing down each side the neck and uniting on the breast in a gorget-like form, of a deep brown, mottled on the breast with buffy-white; from behind the eye down the side of the neck (behind the black band) passes a stripe of deep buff; chin and cheeks white; centre of the breast creamy-white; primaries white, at the base largely tipped with chocolate-brown; secondaries white; under surface and thighs white; centre tail-feathers light brown, the remainder white, mottled with brown down the centre; eyes dark brown; legs and feet pale green.

The front figure in the accompanying Plate is the size of life.

Gould, John. 1855. "Chinese Jacana, *Hydrophasianus sinensis* [Pl. 68]." *The Birds of Asia* 7(VII), -. <https://doi.org/10.5962/p.323362>.

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