

PROCEEDINGS
OF THE
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DESCRIPTIONS OF FIVE NEW SUBSPECIES OF
CYORNIS.

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The following new forms of the genus of Flycatchers commonly known as *Cyornis* Blyth are in the United States National Museum collection. They were brought to light in an investigation of the forms of this genus, having in view a monograph of the group, but as this has now been undertaken by Mr. C. Boden Kloss, it seems advisable to publish preliminary descriptions of these new forms.

Cyornis rubeculoides chersonesites, subsp. nov.

Chars. subsp.—Similar to *Cyornis rubeculoides rubeculoides* from Nepal, but male darker above; more whitish (less rufous) on the posterior lower parts; female darker and less rufescent (more grayish) above; throat more deeply or brightly ochraceous.

Description.—Type, adult male; No. 160623, U. S. Nat. Mus.; Trang, Lower Siam, Malay Peninsula, February 15, 1897; Dr. W. L. Abbott. Forehead and short superciliary stripe king's blue, but the posterior portion of the superciliary stripe venetian blue; pileum and cervix indigo blue; remainder of upper parts dark tyrian blue, verging, on the rump and upper tail-coverts, toward dark orient blue; tail brownish black, with edgings of dark blue, between dark orient blue and dark tyrian blue; wings chaetura drab, with edgings of blue of the same shade as the back, but lesser coverts between eaton blue and jay blue; nasal bristles and lores dull black; sides of head and of neck like the cervix; chin, throat (all but middle line) and sides of breast bluish black; middle line of throat between ochraceous buff and ochraceous orange; jugulum and upper breast between xanthine orange and sudan brown; rest of lower parts white, the sides anteriorly a little streaked with the color of the breast, posteriorly together with the flanks, washed with buff; thighs dull black washed with deep blue; axillars and inner under wing-coverts dull light buff, outer under wing-coverts

chaetura black margined with the blue of the wing edgings; "bill black; iris dark brown."

Measurements of type.—Wing, 70 mm.; tail, 58.5; exposed culmen, 12; tarsus, 18.

Geographic distribution.—Malay Peninsula and southern Tenasserim.

Cyornis banyumas nesaea, subsp. nov.

Chars. subsp.—Similar to *Cyornis banyumas tickelliae* from India, but upper parts darker, and posterior lower surface much more extensively whitish, the crissum entirely white.

Description.—Type, adult male; No. 201395, U. S. Nat. Mus.; Walgame, Ceylon; May 3, 1894. Forehead and superciliary stripe dull yale blue; upper parts deep delft blue, posteriorly rather lighter and brighter; upper tail-coverts between blanc's blue and dark orient blue; tail chaetura black, the outer webs basally like the upper tail-coverts, but distally duller and of a darker blue; wings chaetura drab, the primaries and secondaries edged on their outer webs with the color of the back, the superior wing-coverts dull gendarme blue; lores and nasal bristles dull black; sides of head, neck, and of breast, like the cervix; anterior part of chin bluish black; throat and posterior portion of chin, between cinnamon buff and antimony yellow; jugulum and upper breast, between clay color and yellow ochre; lower breast and abdomen white; sides and flanks, between warm buff and light buff; thighs dull black, washed with dark blue, the feathers edged with whitish; axillars light buff; under wing-coverts chaetura black, the inner feathers edged broadly with white, and the outer feathers broadly margined with the blue of the upper wing-coverts.

Measurements of type.—Wing, 68 mm.; tail, 58; exposed culmen, 11.5; tarsus, 16.5

Geographic distribution.—Ceylon.

Cyornis banyumas calocephala, subsp. nov.

Chars. subsp.—Similar to *Cyornis banyumas nesaea* from Ceylon, but upper parts much darker and less greenish; black chin area larger; throat and breast much more deeply rufous; crissum and sides also deeply rufous instead of almost pure white.

Type.—Adult male; No. 180606, U. S. Nat. Mus.; Tanjong Tedong, Banka Island; June 5, 1904; Dr. W. L. Abbott.

Measurements of type.—Wing, 71.5 mm.; tail, 56; exposed culmen, 11.5; tarsus, 17.

Geographic distribution.—Banka Island off the southeastern end of Sumatra.

Remarks.—This new form is apparently most closely allied to *Cyornis banyumas rufigastris* (Raffles) from Sumatra, but from this race it differs in its smaller size; much darker, more purplish blue upper parts and sides of neck, and much more deeply ochraceous crissum and anterior lower parts. It is apparently confined to the island of Banka.

Cyornis elegans rupatensis, subsp. nov.

Chars. subsp.—Similar to *Cyornis elegans elegans* from northern and western Sumatra, but much darker above and on throat; the ochraceous of breast darker; and posterior lower parts more strongly tinged with ochraceous.

Description.—Type, adult male; No. 181145; Rupert Strait, southeastern Sumatra; February 26, 1906; Dr. W. L. Abbott. Forehead and superciliary stripe, rather dark salvia blue; pileum, cervix, scapulars, and back, between Hortense blue and dusky blue, the pileum darker, the middle of upper back somewhat lighter and more like eaton blue; rump and upper tail-coverts, between methyl blue and light methyl blue; tail dull black, the edges of the rectrices prussian blue; wings chaetura black, the edges of the feathers between prussian blue and cyanine blue, the lesser and middle wing-coverts lighter; nasal bristles and lores, dull black washed with dark blue; sides of head, of neck, and of breast, like the cervix; chin and throat, eaton blue; jugulum and upper breast, ochraceous tawny; sides and flanks, between buff and pale buff; middle of lower breast, together with abdomen and crissum, dull creamy white, the crissum slightly washed with dull buff; thighs dull black washed with deep blue, the feathers edged with whitish; axillars dull white washed with bluish; under wing-coverts chaetura drab, the antero-exterior portion blue like the lesser upper wing-coverts, the intero-posterior portion pale dull buff.

Measurements of type.—Wing, 74.5 mm.; tail, 58; exposed culmen, 12; tarsus, 18.5.

Geographic distribution.—Vicinity of Rupert Strait, along the southeastern coast of Sumatra.

Cyornis elegans antelia, subsp. nov.

Chars. subsp.—Similar to *Cyornis elegans rupatensis* from Rupert Strait, southeastern Sumatra, but upper parts lighter and rather more greenish; throat paler; jugulum darker; posterior lower parts more purely white (less tinged with buff).

Type.—Adult male; No. 248067, U. S. Nat. Mus.; Long Iram, eastern Borneo; March 7, 1914; H. C. Raven; original number 1262.

Measurements of type.—Wing, 77 mm.; tail, 60.5; exposed culmen, 12; height of bill at base, 4.5; tarsus, 17.5; middle toe without claw, 12.

Geographic distribution.—Born o.

Remarks.—This new race differs from *Cyornis elegans elegans* from western and northern Sumatra in the paler ochraceous of the breast, and the more whitish lining of the wing in the male; and in the slightly darker, less greenish, upper parts and less deeply rufous lower parts of the female. It is apparently confined to Borneo.