

at the end of the nasal fossa, the rictal bristles moderately developed; the tarsi and toes rather short. The wings are rather long, 2nd, 3rd, and 4th quills longest, 1st=6th; tail moderate and nearly square,  $> \frac{2}{3}$  wing,  $< 4$  tarsus.

### 1. *Pyrocephalus rubineus*.

*Muscicapa rubinus*, Bodd. Tabl. Pl. Enl. p. 42<sup>1</sup>.

*Pyrocephalus rubineus*, Cass. B. Cal. and Texas, p. 127, t. 18<sup>2</sup>; Cab. & Heine, Mus. Hein. ii. p. 67<sup>3</sup>; Scl. P. Z. S. 1856, p. 296<sup>4</sup>; Cat. Birds Brit. Mus. xiv. p. 211<sup>5</sup>; Baird, Mex. Bound. Surv., Zool., Birds, p. 9<sup>6</sup>; Dresser, Ibis, 1865, p. 475<sup>7</sup>; Scl. & Huds. Arg. Orn. i. p. 152<sup>8</sup>.

*Pyrocephalus mexicanus*, Scl. P. Z. S. 1859, pp. 45<sup>9</sup>, 366<sup>10</sup>, 1864, p. 176<sup>11</sup>; Cat. Birds Brit. Mus. xiv. p. 213<sup>12</sup>; Moore, P. Z. S. 1859, p. 56<sup>13</sup>; Scl. & Salv. Ibis, 1860, p. 399<sup>14</sup>; Sumichrast, Mem. Bost. Soc. N. H. i. p. 557<sup>15</sup>; Lawr. Ann. Lyc. N. Y. ix. p. 201<sup>16</sup>.

*Pyrocephalus rubineus* var. *mexicanus*, Baird, Brew., & Ridgw. N. Am. B. ii. p. 387<sup>17</sup>; Lawr. Bull. U. S. Nat. Mus. no. 4, p. 27<sup>18</sup>; Mem. Bost. Soc. N. H. ii. p. 287<sup>19</sup>.

*Pyrocephalus rubineus mexicanus*, Sennett, Bull. U. S. Geol. Surv. iv. p. 34<sup>20</sup>, v. p. 409; Coues, Key N. Am. B. (ed. 2), p. 444<sup>21</sup>; Perez, Pr. U. S. Nat. Mus. ix. p. 154<sup>22</sup>; Ridgw. Man. N. Am. B. p. 345<sup>23</sup>.

*Muscicapa coronata*, Gm. Syst. Nat. i. p. 932<sup>24</sup>; Licht. Preis-Verz. mex. Vög. p. 2 (cf. J. f. Orn. 1863, p. 58<sup>25</sup>).

*Tyrannula coronata*, Sw. Phil. Mag. new ser. i. p. 367<sup>26</sup>; Bp. P. Z. S. 1837, p. 112<sup>27</sup>.

*Pyrocephalus obscurus*, Scl. P. Z. S. 1864, p. 176<sup>28</sup>.

Supra obscure fuscus; alis nigricantibus, extrorsum pallide fusco vix limbatis; cauda quoque nigricante; rectrica externe in pogonio externo pallide fusca; loris et regione parotica dorso concoloribus; capite summo et corpore subtus late coccineis; subalaribus fuscis; rostro et pedibus nigris. Long. tota 5.5, alæ 3.3, caudæ 2.3, tarsi 0.7, rostri a rictu 0.65.

♀. Supra cinerea; capite summo ad frontem pallidiore; alis et cauda nigricantibus, illis sordide albo limbatis; subtus alba; pectore fusco guttato; abdomine aurantiaco. (Descr. maris et feminae ex Monterey, Nuevo Leon, Mexico. Mus. nostr.)

*Hab.* NORTH AMERICA<sup>17</sup>, Southern California, Arizona, and Southern Texas<sup>7 23</sup>.—MEXICO<sup>27</sup> (*Bullock*<sup>26</sup>), Topochico in Nuevo Leon (*F. B. Armstrong*), Realito in Sonora (*W. Lloyd*), Mazatlan (*Forrer*, *Grayson*<sup>19</sup>), Plains of Colima (*Xantus*<sup>19</sup>), Amula, Chilpancingo, and Tierra Colorada in Guerrero (*Mrs. H. H. Smith*), Jerez in Zacatecas, Calvillo, Aguas Calientes, Valle del Maiz, and Tampico (*Richardson*), Mexico city (*White*<sup>11 28</sup>), San Martin, Texmelucan, Tlaxcala, Jalapa (*Ferrari-Perez*<sup>22</sup>), Cordova (*Sallé*), Jalapa (*Sallé, de Oca*<sup>10</sup>, *M. Trujillo*), Cofre de Perote (*M. Trujillo*), Orizaba, Morelia (*F. D. G.*), Oaxaca (*Fenochio*), Sta. Efigenia and Tehuantepec city (*Sumichrast*<sup>18</sup>), Northern Yucatan (*G. F. Gaumer*), Merida (*Schott*<sup>16</sup>), Cozumel I. (*G. F. Gaumer*); BRITISH HONDURAS, Orange Walk (*G. F. Gaumer*), Belize (*Blancaneux*); GUATEMALA (*Constancia*<sup>14</sup>), Pine Ridge of Poctum, Santa Ana (*O. S.*), Peten (*Leyland*<sup>13</sup>).—SOUTH AMERICA generally from Colombia to Guiana and Argentine Republic<sup>5 8</sup>.

On comparing freshly-moulted specimens from Northern Mexico with others from South America in similar condition we find no grounds whatever for recognizing more