

## Saltator (birds) at Frijoles and Barro Colorado Island, Panama, 1962

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eaked Saltators, they are probably homologous with part of the latter when the two patterns are analyzed in detail, certain striking similarities in form are apparent. The fluctuations of pitch in some Flourishes is similar to that in the Whistles of Panamanian Streaked Saltators. The grouping of Flourishes in doublets is paralleled by the double Whistles of the Streaked Saltator studies in Chiriquí. The "Trit" or "Tit" Notes occur before Flourishes in the same way that the "Duh" Notes occur before Whistles, and the rhythm of series of "Tut" or "Tit" Notes is similar to that of series of "Duh" notes.

[[Note: following paragraph has a vertical line in margin]]

The "songs" of Costa Rican Buff-throated Saltators which Skutch transcribes as "cheery cheery" and "cheer to your" may be Flourishes like those of Panamanian birds. Skutch says that these patterns usually are sung responsively by mated birds. He apparently did not hear them during obviously hostile encounters. It is possible, however, that some of the groups of two individuals which he took to be mated pairs were, in fact, territorial rivals or opponents.

The Warblers of Panamanian Buff-throated Saltators frequently are associated with typical Rattles. Rattles may be uttered immediately before and/or after Rattles The sequence of one Rattle followed by one Warble is by far the most common Many of the Warbles following immediately after Rattles seem to be composed of Flourishes and only one "Trit" or "Tit" Note (the single "Trit" or "Tit" being separated from both the piece during Rattle and the following Flourish by very brief pauses). It seems possible that preceding Rattles tend to "absorb" the usual slower series of "Trit" or "Tit" Notes. ^ [[insertion]] The Rattle may even affect the Flourish part of a Warble. The Flourishes of one captive individual acquired a rattling undertone when it uttered many Rattles and Warbles during a prolonged dispute [[/insertion]] The Rattle-Flourish Songs of Brown-capped Bush-tanagers Similarly, the Warble-Rattle sequences seem to be completely homologous with the whole of the complete Day Songs of Streaked Saltators. Occas[[ionally]]

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The Rattle was even affect the Newval good of a Warble. The Alexander of our copial administral acquired a natition undertine when it utilized was Patities and Warbles decrees a gallougal designite ented faltators, they we probably homologous with prost of the latter Wh the two patterns are analyzed so detail, contain stutions semberatees as foun a approved The Venetrations of potels in some However is similar to that in the Whitter of Pannivamin Steeked Galtators. The grouping of Howards in don lets is goverfleled by the double White of the Streetend faltitor staded in the ique. The "Jut" or " Ist" Geotes occar before Howenhes in the same way the t the "South" Rolls occur befor Whatter, and the relighten of socies of " Sut " Fet " Rolls is similar to that of somes of " Duch " Water "The "rongo" of Costa River Buff- stevented Saltators which floutets transcribes as "cheen, closer " and "cheer to you" me, be Aleanwhee like the se of Panamanian bends. Thatile says that their portions uswall are seeing spourced, by noted birds. The approachts did not bear their Levens strong hartite insanters. It is possible, however, that some of the groups of two wal viduals wheel he took to be enoted gover more, in fact, tenitorial revals or opposents. We Warbles of Paramarian Ball-threated baltators frequently area societed with therical Rattles Rattles may be utilized immediately before a In after Pattles The exquence of our Pattle followed by one Wardle is by Jan the ment common Mary of the Wardles following immediately after to be compared of Alexandres alone, or of Howarder and only one " Int" or Get" hote ( the surgle " Fest " or " Fet" being reparated from both the grea Lini Rattle and the following However by were beat geners). It was you le that greading Rattles tried to "alread" the uniel slower series of Frit or "It " Protes . The Rattle- flowered sequences ween to be eventially seem to be eventially identical with the Rubble- Slownich borgs of Brown-capped Par A-tensper Similarle, the Warble-Pattle squeezes seem to be wanglette, h mologous with the whole of the complete Day Songs of Streeted faltaton. Doses Saltator (birds) at Frijoles and Barro Colorado Island, Panama, 1962 Transcribed and Reviewed by Digital Volunteers Extracted Apr-18-2024 04:32:51



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