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DESCRIPTIONS OF TWO NEW SQUIRRELS FROM  
TRONG, LOWER SIAM.

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Two of the squirrels collected by Dr. W. L. Abbott in Trong, Lower Siam, and presented to the United States National Museum, are at least subspecifically distinct from the forms of the same species occurring at Singapore. Neither appears to have hitherto received a name. This paper is published here by permission of the Secretary of the Smithsonian Institution.

SCIURUS NOTATUS MINIATUS subsp. nov.

*Type*.—Adult female (skin and skull) no. 84415 United States National Museum, Trong, Lower Siam, February 25, 1897.<sup>1</sup>

*Characters*.—Similar to the form of *Sciurus notatus* inhabiting Singapore Island, but red of underparts much darker, and terminal pencil and often the entire distal half or third of tail uniform red beneath.

*Color*.—Entire dorsal surface of head and body, a fine grizzle of black and yellowish wood brown, the individual hairs black with two or often three brown rings. The wood brown is (at the surface) everywhere in excess of the black. Cheeks, outer surface of legs, and upper surface of feet dull cinnamon, faintly grizzled. Underparts and inner side of legs rich clear rufous, the extreme base of hairs slaty. On sides the color of belly is separated from that of back by two longitudinal stripes extending from just behind axilla to flanks;

<sup>1</sup> "Shot in heavy forest on the hills at about 1,000 feet; apparently not common in heavy forest." Collectors' note.

the lower blackish brown, the upper buff. Each is about 10 mm. in width, though this is variable. The tail at extreme base, both above and below, is colored like back. On both surfaces the grizzle soon becomes much more coarse, giving way near middle below and at extreme tip above to clear rufous slightly darker than that of belly. Whiskers black.

*Skull and teeth.*—The skull and teeth do not differ appreciably from those of the Singapore form.

*Measurements.*—External measurements of type: total length 381; head and body 203; tail vertebræ 177; pencil 50; hind foot 50 (46). Average of ten specimens from the type locality: total length 391 (381–413); head and body 205 (197–216); tail vertebræ 185 (165–197); hind foot 49.2 (48–51.6); hind foot without claws 45.7 (45–48).

*Remarks.*—The peculiarities of this race of the plantain squirrel were noted as long ago as 1886 by Thomas, who says: “. . . one is struck by the greater prevalence and greater intensity of the red colour of the belly in the northern Malay specimens as compared with the southern ones . . . red bellied specimens have in all cases red-tipped tails, while white and yellow-bellied ones have the tip annulated like the rest of the tail.”<sup>1</sup> This exactly states the differences between the races inhabiting Trong and Singapore, though the rich tawny ochraceous underparts of the latter would hardly lead one to call the animal “yellow-bellied.” The extent of the clear red on the under surface of the tail is somewhat variable; occasionally this color is confined to the pencil.

#### SCIURUS TENUIS SURDUS subsp. nov.

*Type.*—Adult male (skin and skull) no. 84412 United States National Museum, Trong, Lower Siam, February 3, 1897.

*Characters.*—Similar to the typical form of *Sciurus tenuis* Horsfield from Singapore, but color paler and duller throughout; flanks and shoulders with scarcely a trace of the ochraceous wash so noticeable in topotypes of *S. tenuis*.

*Color.*—Dorsal surface almost precisely as in *Sciurus notatus miniatus*, except that the colors are more closely blended owing\* to the greater extent of the light rings on the individual hairs and their less sharp demarkation from the black. Shoulders, flanks, and outer surface of legs just perceptibly tinged with dull ochraceous. Sides

<sup>1</sup> Proc. Zool. Soc. London, 1886, p. 77.

like back but slightly paler. Underparts and inner surface of legs whitish smoke gray faintly washed with buff on throat, the pale ventral area much narrower than the red in *S. notatus*. Tail coarsely grizzled black and ochraceous, the individual hairs ochraceous at base (2 mm.), then narrowly (1 mm.) ringed with black, then again with ochraceous (2 mm.), then with black (8 mm.), and finally tipped (5 mm.) with pale buff; pencil clear buff. On under side of tail the colors tend to a definite arrangement in longitudinal bands. Whiskers black. A light buff area behind each ear.

*Skull and teeth.*—The skull and teeth are not distinguishable from those of typical *S. tenuis*.

*Measurements.*—External measurements of type: total length 244; head and body 130; tail vertebræ 114; pencil 45; hind foot 37 (35). Average of five specimens from the type locality: total length 247 (235–257); head and body 137 (127–149); tail vertebræ 108 (102–127); hind foot 36.2 (35.4–37); hind foot without claws 33.7 (33–35).

*Remarks.*—As compared with the race occurring at Singapore this squirrel is less differentiated than the Trong form of *Sciurus notatus*, and, curiously enough, toward dullness instead of richness of color.