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Synonymy of some Genera of Ants.

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By HORACE DONISTHORPE, F.Z.S., F.E.S.

(Continued from page 244.)

3. On *Lasius*, Fabricius *nec* Jurine.

In 1915 Morice and Durrant [*Trans. Ent. Soc. Lond.*, 1914, 339-486 (1915)] reprinted with notes a paper by Jurine [*Erl. Litt.*, 153-165 (1801)], over the validity of which there is a considerable difference of opinion. If one accepts this paper it is necessary (among other changes in nomenclature which are brought about) to find a new name for *Lasius*, F. (1804), a genus of ants which sinks as a synonym of *Lasius*, Jur. (1801), a genus of bees. This was done by Morice and Durrant, who proposed the name of *Donisthorpea*. At that time they considered *Acanthomyops*, Mayr (1862), to be a good genus, and not a sub-genus of *Lasius*, F., as it is usually regarded; and they were not aware of Ruzsky's sub-genera *Dendrolasius* and *Chthonolasius* (1912).

Wheeler, *Ann. N.Y. Ac. Sc.* **43**, 816-18 (1916)], in a very generous and appreciative review of my book, *British Ants*, stated that he was not prepared to accept Jurine's paper, and he also expressed the opinion that neither Forel nor Emery would do so. In this, however, he was mistaken, as both Forel and Emery have accepted the Erlangen List. Forel [*Rev. Suisse Zool.*, **24**, 460 (1916)] substitutes Mayr's *Acanthomyops* for the genus *Lasius*, F., but he incorrectly treats the sub-genus *Donisthorpea*, Mor. and Drnt., with type *nigra*, L., as a synonym of *Chthonolasius*, Ruzsky, with type *flavus*, F.! He also states that he is prepared to accept the name *Formicina* instead of *Lasius*, if this will put an end to any further changes of names.

Emery (*Acad. Sci. Ist. Bologna*, **1916**, 61) on the other hand selects *Formicina*, Shuckard (1840), as a substitute for *Lasius*, F.; but the use of this name is invalid, as Wheeler [*Ann. New York Acad. Sci.*, **21**, 164 (1911)] fixed *Formica rufa* as the type of *Formicina*, and sunk it as a synonym of *Formica*, L. Emery also gives the dates of Ruzsky's subgenera as 1908, whereas they were published in 1912.

If the validity of Jurine's paper be accepted the synonymy is as follows:—

ACANTHOMYOPS, Mayr.

= § *LASIVS* (*nec* Jurine) F. (1804); = * *FORMICINA* (Shuck., p., 1840), Forel and Emery (1916) — *nec* Wheeler (1911); = *ACANTHOMYOPS* Mayr (1862); = *DENDROLASIVS* Ruzsky (1912); = *CHTHONOLASIVS*, Ruzsky (1912); = *DONISTHORPEA* Mor. and Drnt. (1915); = * *CHTHONOLASIVS* (*nec* Ruzsky), Forel (1916).

Type 1: *Formica clavigera*, Roger (*claviger*, Mayr; Mayr 1862; Wheeler, 1911).

ACANTHOMYOPS, Mayr, Verh. Zool-Bot. Ges. Wien, **12**, 699-700 (1862); Wheeler, Ann. N.Y. Ac. Sc., **21**, 157 (1911); Forel, Rev. Suisse Zool., **24**, 460 (1916).

Type 2: *Formica fuliginosa*, Ltr. (Ruzsky, 1912).

DENDROLASIVS, Ruzsky, Kasani Zap. Veterin. Inst., **29**, 629-33, ff. 2 (1912); Forel, Rev. Suisse Zool., **24**, 460 (1916).

Type 3: *Formica flava*, L. (Ruzsky, 1912).

CHTHONOLASIVS, Ruzsky, Kasani Zap. Veterin. Inst., **29**, 629-33, ff. 3 (1912). * *FORMICINA*, Shuck. (p.), Lardner's Cab. Cycl., **10** (Hist. Nat.-Arr. Ins.), 172 (1840); Forel, Rev. Suisse Zool., **24**, 460 (1916); Emery, Acad. Sci. Ist. Bologna, **1916**, 61.

[*nec FORMICINA*, Shuck., Lardner's Cab. Cycl., **10** (Hist. Nat.-Arr. Ins.), 172 (1840); Wheeler, Science, **33**, 859, 860 (2, vi., 1911); Ann. N.Y. Ac. Sc., **21**, 164 (17, xi., 1911)—Type: *rufa*, L. (**FORMICA**, L.)].

[*nec *CHTHONOLASIVS*, (Ruzsky) Forel, Rev. Suisse Zool., **24**, 460 (1916)—Type: *nigra*, L. (**DONISTHORPEA**, Mor. and Drnt.)].

Type 4: *Formica nigra*, L. (Mor. and Drnt., 1915).

DONISTHORPEA Mor. and Drnt. = § *LASIUS* (Ruzsky),
Syst. Piez., pp. xi., 415-8, no. 78, sp. 1-10, Ind. 18 (1904), p. 11, fig. 11. . . .
DONISTHORPEA Mor. and Drnt., Tr. Ent. Soc. Lond., 1914, 423
1915). * *CHTHONOLASIUS* (nec Ruzsky) Forel, Rev. Suisse Zool.,
24, 460 (1916).

This synonymy will appear in the Transactions of the Entomological Society of London.
