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Crossing *Abraxas grossulariata* & var. *varleyata*; Porritt, p. 275 Ent. Mag. 44.

Inzuchtversuche, *Dilina tiliae*; Kolisko, 1550.

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Phylogeny & metamorphosis; Lameere, 1617.

Phylogeny & classification of *Hemiptera*; Reuter, 2348.

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Flugellosigkeit Insektenweibchen Instanz für das Lamarcksche Prinzip; **Meissner, 1851**.

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Die Königin von *Apis mell.*, ein Atavismus; **Demoll, 633**.

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General.

General Catalogue of *Coleoptera* of the families *Hydrophilidae*, *Dryopidae*, *Heteroceridae*, *Cyathoceridae* & *Georysidae*; **Zaitzev, 3186**.

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Die geographische Verbreitung der *Diptera pupipara* und ihre Phylogenie; **Speiser, 2760**.

Supplement to the Brussels catalogue of *Pentatomidae*; **Bergroth, 150**.

Die geographische Verbreitung der Schildläuse im Dienste der Pflanzengeographie. Eine zoologische Bitte an die Botaniker; **Lindinger, 1669**.

Change of habitat, & climate; **Meissner, 1853**.

The influence of minimum temperatures in limiting the northern distribution of insects; **Sanderson, 2467**.

Die faunistische Bedeutung flugunfähiger Orthopteren; **Karny, 1438**.

Localities not known.—*Hylastinus* in *Scolytidae*.—*Tropidoderus* sp. n., *Otocrania* gen. n., *Paracyphocrania* gen. n., vide *Phasmidae*.

In the next following cases localities have been omitted by the bureaus and I have not been able to supply them:—

Lep. Hesperidae, Mabilie & Boulet.

Col. Genecerus, Bourgeois.

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Col. Dasytides, Abeille.

Col. Halticidae, Abeille.

Col. Malac, Olivier *Luciola leucura*.

Col. Silphidae, Portevin Bul. Mus. 19.

Col. Lichenophanes, Lesne Bul. Mus. 179.

Dipt. Pangonia, Surcouf. Bul. Mus. 284.

Col. Cryphaloides donisthorpei, vide *Scolytidae*.

Hem. Cnaphalodes affinis, *Aphidae*.

Arctic & Antarctic.

Friese, 910; Arctisches Eurasien, *Bombus*.

Horváth, 1305; Greenland *Psylla* sp. n.

Petersen, 2129; Arctic Norway, *Ephemerella* sp. n. (Norw.).

Carpenter, 426; Antarctic *Poduridae* gen. n.

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Azores. *Hymenoptera Formicidae*; **Wheeler, 3126**.

Madeira. *Coleoptera*, **Fauvel, 799**; *Anillobius solifuga*, Curculionide aveugle. — *Lepidoptera*. **Walsingham, 3027**; *Microlepidoptera* 2 spp. n., *Agonopteryx*, *Gelechia*.—*Diptera*. **Becker, 134**; 16 spp. n.—(Zoocécidies de Madère (Port.); **Tavares, 2869**.)—*Neuroptera*. **Navás, 1977**; *Symphorobius* sp. n.—*Aphidae*. **Schouteden, 2544**; *Aphis* sp. n.—*Orthoptera*. **Borelli, 259**; *Pseudochelidura* sp. n.

Canary Islands. *Coleoptera*. **Wagner, 3008**; *Apion* sp. n.—*Hymenoptera*. **Szépliget, 2856**; **Kieffer, 1476**; *Baeognatha* n. sp.: *Cynipidae* 6 spp. n.: **Santschi, 2469**; *Formicidae* List.—*Lepidoptera*. **Chrétien, 487**; 5 spp. n., *Scoparia*, *Lita*, *Recurvaria*, *Nepticula* & *Tinea*: **Walsingham, 3027**; *Microlepidoptera*, many spp. n.—*Neuroptera*. **Navás, 1977**; *Micromus*, *Symphorobius*, spp. n.—*Diptera*. **Becker, 133**; 158 spp. n., gen. n.—*Thysanoptera*. **Bagnall, 85**; nov. gen.—*Coccidae*. **Lindinger, 1671**; *Chrysomphalus* sp. n.—*Psoeidae*. **Navás, 1977**; gen. n., *Peripsocus* sp. n.—*Orthoptera*. **Bolívar, 240**; gen. n. aff. *Thalpomeneae*.

Cape Verde islands. *Hymenoptera*. **Turner, 2944**.

Hawaiian islands. *Insecta*. **Giffard, 1039**; *Insects of Lanai*.—*Coleoptera*. **Sharp & Scott, 2642**; many spp. n.: **Perkins, 2123**; *Callithmysus* sp. n.—*Hymenoptera*. **Howard, 1317**; *Prospaltella* sp. n.—*Heteroptera*. **Kirkaldy, 1499**; *Piezodorus rubrofasciatus* on introduced plants at Honolulu.—*Homoptera*. **Kirkaldy, 1501**; List of *Hemiptera*, many spp. n.

Society Islands. *Hymenoptera*. **Wheeler, 3125**; *Plagiolepis* sp. n.: **Cockerell, 522**; *Megachile* sp. n.—*Diptera*. **Doane, 675**; *Culicidae*, remarks.

Queen Charlotte islands. *Thysanoptera*. **Bagnall, 85**; nov. gen.

Admiralty islands. *Coleoptera*. **Aurivillius, 63**; *Heteroclytomorpha* sp. n.

Marian islands, Carolines & Yap. *Coleoptera*. **Aurivillius, 63**; 4 spp. n. *Monoehamus* & *Prosoplus*.—*Orthoptera*. **Brunner & Redtenbacher, 339**; *Phasmidae* general work, spp. n.

Neu Pommern. *Coleoptera*. **Aurivillius, 63**; *Cerambycidae* 3 spp. n.: **Heller, 1217**; 4 spp. n., *Behrensiellus*, *Eupholus*, gen. n. *Brachyderinae*, *Pseudocholus*: **Moser, 1951**; *Lomaptera* 2 spp. n.: **Sternberg, 2791**; *Scapanes* sp. n.—*Lepidoptera*. **Bastelberger, 117**; *Arycanda* sp. n.—*Diptera*. **Bezzi, 186**; *Asarcina* sp. n.: **Kertész, 1461**; *Salduba* sp. n.

Samoa. *Coleoptera*. **Aurivillius, 63**; gen. n. near *Trypanidius*: **Pic, 2153**; *Anthicus* sp. n.—*Hymenoptera*. **Kolh, 1542**; 8 spp. n., *Haliatus*, *Pison*, *Ophion* & *Paniscus*.—*Heteroptera*. **Schouteden,**

2546; *Coleotichus* sp. n.—*Orthoptera*. **Carl, 424**; *Salomona* sp. n.

Fiji Islands. *Coleoptera*. **Heller, 1217**; *Rhinoscapa* sp. n.—*Heteroptera*. **Kirkaldy, 1504**; *Teleonemia* sp. n.: **Kirkaldy, 1504a**; Catalogue of Fijian *Hemiptera* many new genera and species.—*Odonata*. **Martin, 1797**; *Procordulia* gen. n.—Fiji & Friendly islands. *Orthoptera*. **Brunner & Redtenbacher, 339**; *Phasmidae* general work, spp. n.

Louisiade Arch. and Solomon islds. *Lepidoptera*. **Rothschild, 2422**; *Papilio* subspp. n.

Solomon Islands. *Coleoptera*. **Aurivillius, 63**; *Cerambycidae* 4 spp. n.: **Heller, 1217**; *Tragopus* sp. n., gen. n. *Trypetidae*: **Heller, 1218**; *Nauphaeus* sp. n.—*Hymenoptera*. **Kohl, 1542**; 3 spp. n., *Nomada*, *Polistes* & *Leucaspsis*.—*Lepidoptera*. **Jordan, 1417**; *Hypochrysops* sp. n.: **Seitz, 2629**; *Aphantoecephala* sp. n.: **Warren, 3050**; *Iza* sp. n.—*Orthoptera*. **Brunner & Redtenbacher, 339**; *Phasmidae* general work, spp. n.

New Caledonia. *Hymenoptera*. **Vachal, 2969**; 20 spp. n.—*Orthoptera*. **Brunner & Redtenbacher, 339**; *Phasmidae* general work, spp. n.

Lifu & Choiseul islds. *Lepidoptera*. **Warren, 3058**; *Hypolamprus* sp. n.

New Zealand. *Coleoptera*. **Broun, 316**; *Carabidae* 38 spp. n.: **Portevin, 2233**; *Eucinetus* sp. n.—**Weise, 3091**; *Rhizobius* sp. n.—*Lepidoptera*. **Howes, 1331**; 2 spp. n., *Melanchra* & *Leucania*: **Hudson, 1336**; 3 spp. n. *Lythria*, *Dichromodes*, *Porina*.—*Orthoptera*, *Forficulidae*. **Burr, 368**; *Brachylabinae* gen. n.

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Bernhauer, 166; *Staphylinidae* 16 spp. n.

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Daniel & Daniel, 614; 10 spp. n. *Trechus*, *Pterostichus*, *Hister*, *Rhagium*, *Phytoecia*, *Laria*, *Urodou*, *Polydrosus*, *Orthochaetes* & *Acalles*.

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Formánek, 880; S. Eur. & Asia minor 4 spp. n. *Argoptochus*, *Barypithes*, *Omius*, & *Trachyphloeus*.

Ganglbauer & others, 1003; Additional localities.

Jakovlev, 1365; Asia minor, Caucasus, W. Asia, *Sphenoptera* 16 spp. n.

Jakovlev, 1370; *Sphenoptera* 8 spp. n.

Pic, 2167; Descriptions ou diagnoses et notes diverses, 60 spp. n.

Pic, 2183; Amur & Turkestan, *Cryptocephalus* 2 spp. n.

Poppius, 2221; Caucasus & Transcaspian, 5 spp. n. *Carabidae*, *Pterostichus*, *Amara*, *Lebia*.

Reitter, 2309; *Xantholinus* 3 spp. n.

Reitter, 2314; *Chaerodryis* 4 spp. n.

Reitter, 2315; Adana *Tachys* sp. n., Kirghisia *Cymindis* sp. n.

Reitter, 2316; *Curculionidae* 4 spp. n., Slavonia *Otiorrhynchus*, Mantchuria *Chloebius* & *Cyphicerus*, Adana *Sitona*.

Reitter, 2317; Italy *Mycetochara* sp. n., Adana *Tanyproctus* sp. n., Mantchuria *Malachinus* sp. n.

Reitter, 2329; 6 spp. n., *Zuphium*, *Merophysia*, *Globicornis*, *Trigonoscelis*, *Stenomax*, *Hemictenius*.

Reitter, 2331; 8 spp. n., *Agathidium*, *Holoparamecus*, *Merophysia*, *Epiraea*, *Meloë*, *Ananconia*, *Aphodius*.

Reitter, 2332; some localities.

Sahlberg, 2453; Mediterranean & Centr. Asia, 66 spp. n.

Wagner, 3011; *Apion* 2 spp. n.

Zaitzev, 3180; *Gyrinus* 2 spp. n., Persia & E. Siberia.

Hymenoptera.

Emery, 764; *Formicidae* revision, spp. n.

Kieffer, 1470; Revision of *Scelionidae*, many spp. n.

Kieffer, 1478; France *Cratopyris* sp. n., Algeria *Catoteleia* sp. n.

Kokujev, 1545; Südrussland *Ichneumon* 2 spp. n., Transcaucasus 1 sp. n.

Rodzianko, 2385; *Syntomaspis* sp. n.

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Dietze, 661; *Eupithecia* 8 spp. n.

Hampson, 1186; *Acronyctinae* general work, W. & Centr. Asia, 8 spp. n.

John, 1400; Mandshuria list.

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Sinegub, 2701; Russian Empire. (Russ.) Liv. 1. *Rhopalocera*, *Hesperidae*, *Sphingidae*.

Trichoptera.

Ulmer, 2962; 3 spp. n., Beirut *Adicella*, Caucasus *Drusus*, Turkestan *Halesus*.

Neuroptera.

Weele, 3078; Syria *Helicomitus* sp. n., Egypt *Ascalaphidae* gen. n., Centr. Asia *Bubopsis* sp. n., Algeria *Puer* sp. n.

Diptera.

Hendel, 1223; *Timia* 7 spp. n.

Hemiptera.

Nassonov, 1974; Russian empire 3 spp. n.

Oshanin, 2079; Verzeichnis 2, Homoptera, Lief. 3.

Reuter, 2361; Transcausia, Amuria, Mandschuria, Corea, *Capsidae* 12 spp. n.

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Calwer, 397; Käferbuch, 6 völlig umgearb. Aufl.

Daniel, 611; Alps & Bosnia *Liosoma* 3 spp. n.

Desbrochers, 648; France et Corse, *Brachyderidae*, *Apion* 3 spp. n.

Formánek, 879; *Scolytidae* gen. n.

Formánek, 881; 4 spp. n., *Argoptochus*, *Omius*, *Dorytomus*, *Ectmetaspidus* gen. n. aff. *Ptochi*.

Hubenthal, 1333; a few localities *Amara* & *Anthonomus*.

Jacobson, 1358.

Schilsky in Küster und Kraatz, 2516a; 8 spp. n., *Anaspis*, *Phyllobius*, *Peritelus* & *Bagous*.

Hymenoptera.

Kieffer, 1479; myrmecophilous *Proctotrypidae* 28 spp. n., genn. n.

Silvestri, 2684; *Chelonus* 2 spp. n.

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Chapman, 462; France & Spain *Stenoptilia* sp. n.

Spuler, 2766; Die Schmetterlinge Europas.

Trichoptera.

Ulmer, 2965; Hungary & Montenegro, *Setodes* sp. n.

Diptera.

Bezzi, 185; 6 spp. n., *Rhagio*, *Empis*, *Rhamphomyia*.

Kieffer, 1477; *Cecidomyiidae* 7 spp. n.

Stein, 2778; Schweden & Deutschland *Chirosia* 2 spp. n.

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Villeneuve, 2987; *Tachinidae* 5 spp. n., *Stratiomyidae* gen. n.

Hemiptera.

Horváth, 1304; Les relations entre les faunes hémipterologiques de l'Europe et de l'Amérique du Nord.

Orthoptera.

Azam, 70; Acrotyles d'Europe.

Burr, Ent. Rec. 20 p. 58 etc.; synopsis of Western Europe *Orthopt.* continued.

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Grönblom, 1129; Interessante Funde von Insekten (Schwedisch).

Nielsen, 2014; The insecta-fauna of the Faeröes.

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Forsius, 883; Finland novelties.

Frey, 897; *Nemosoma elongata* Finland.

Poppius, 2208; des nordöstlichen europäischen Russlands, 3 spp. n., *Atheta* & *Stenus*.

Poppius, 2209; Halbinsel Kanin, 5 spp. n., *Agabus*, *Ochthebius*, *Atheta*, *Bledius*.

Poppius, 2210; *Tribolium confusum* in Finland (Schwedisch).

Poppius, 2211; Petschora *Philonthus* sp. n.

Poppius, 2212; Finländischen *Notiophilus*.

Poppius, 2213; Finland *Brachypterus glaber* & *Hylesinus fraxini*.

Poppius, 2215; Enare Lappland *Stenus* 2 spp. n.

Poppius, 2219; Lena-Thal 5 spp. n., *Ochthebius* & *Helophorus*.

Poppius, 2220; Siberia & Mongolia *Carabidae* 7 spp. n., *Ophonus*, *Harpalus*, *Bradycellus*, *Amara*, *Pterostichus*.

Poppius, 2223; E. Siberia *Cryobius* sp. n.

The Coleoptera of Kola & Enare Lappmark; **Poppius, 2225.**

Reitter, 2324; Irkutsk *Syncalypta cyclopedia*.

Reuter, 2353; Finland rarities.

Sahlberg, 2451; Finland novelties, *Trichopterygidae* & *Elateridae*.

Wegelius, Medd. Soc. Fauna Fenn. 34 p. 111; *Nemadus colonoides* Finland.

Zaitzev, 3181; E. Siberia 2 spp. n., *Coelambus* & *Hydroporus*.

Žuravskij, 3193; Verbreitung von *Ceryonops caraganae* in der Tundra Bolshaja Zemlja (Russ.).

Hymenoptera.

Forsius, 884; Finland *Chalastogastra* novelties.

Konow, 1559; Siberia 2 spp. n. *Arge* & *Tenthredo*.

Nordström, Helsingfors, Medd. Soc. Fauna et Fl. Fenn. 34 p. 16; *Pemphredon rugifer* Dahlb. in Finland gefunden (Schwedisch).

Poppius, 2217; Halbinsel Kanin *Bombus*.

Wellenius, 3097; *Heterogyna*, Finland (Finnisch).

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Blöcker, 221; Irkutsk Heteroceren Bemerkungen (Russ.).

Fabritius, Helsingfors Medd. Soc. Fauna et Fl. Fenn. 34 p. 138; Finland *Cucullia lucifuga*, *Diloba coeruleocephala*.

Grönblom, 1131; Finland novelties.

Jurinsky, 1430; Irkutsk *Rhopalocera*.

Matsumura, 1806; Sachalin *Argynnis* sp. n.

Meinhard, 1826 & **1827**; Tomsk, *Geometridae* (Russ.).

Nordström, Helsingfors Medd. Soc. Fauna et Fl. Fenn. 34 p. 138; *Oecophora tripuncta* Finland.

Poppius, 2207; Finland *Acidalia trigeminata* & *Botys aerealis*.

Stichel, 2800; Lule-Lappmark.

Wahlgren, 3016; Entomo-geography of the upper Klarälff valley (Swedish).

Wegelius, 3081; Finland, Oktober.

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Silfvenius, 2668; Tvärminne *Trichoptera*-fauna.

Silfvenius, Medd. Soc. Fauna Fenn. 32 p. 3; Finland *Oxyethira falcata* & *simplex* novelties.

Siltala, 2672; Trichopteren *Savolax*.

Siltala, 2674; nördlichen Fenno-Skandia, 2 spp. n., *Lepidostoma* & *Stactobia*.

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Reuter, 2356; Finland, novelties.

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Frey, 893; Finland 10 spp. n.

Frey, 894; *Gampsocera numerata* Finland (Schwedisch).

Frey, 895; Anthomyiden, Finland (Schwedisch).

Frey, 898; Finland neue Dipteren.

Frey, 899; Finland 2 spp. n., *Hilara* & *Meromyza*.

Frey, 900; *Tachydromia*-Arten Finlands. (Schwedisch).

Frey, 901; Finnland *Sepsis* sp. n.

Frey, Helsingfors, Medd. Soc. Fauna et Fl. Fenn. 34 p. 16; *Leptis tringaria*, Finland.

Frey, Helsingfors, Medd. Soc. Fauna et Fl. Fenn. 34 p. 33; *Doros conopseus* Finland.

Levander, 1655; *Anopheles claviger* (Schwedisch).

Lundström, 1720; Beiträge zur Kenntnis der Dipteren Finland *Mycetophilidae*, 13 spp. n.

Lundström, 1721; Finland 6 spp. n., *Tipula* & *Ctenophora*.

Lundström, 1722; Finland, *Cylindrotomidae* und *Limmobiidae*, 3 spp. n.

Hemiptera.

Reuter, 2362; Amuria *Palomena* sp. n.

Reuter, 2340; Finland, 2 novelties.

Mallophaga.

Reuter, Medd. Soc. Fauna Fl. Fenn. 34 pp. 124, 211; Pediculiden und Mallophagen der Rinder (Schwedisch).

Perlidae.

Klapálek, 1508; Insel Sachalin *Plecoptera* sp. n.

Odonata.

Kesäniemi, 1463; Kirchspiel Kor-pilaht; Finland (Finnisch).

Orthoptera.

Luther, Med. Soc. Eauna Fenn. 34 p. 123; *Platyceles grisea* f. *macroptera* Kolka, Süd-Finland (Schwedisch).

Miram, 1899; Siberia 5 spp. n., *Chrysochraon*, *Stenobothrus*, *Gomphocerius*.

Reuter, 2352; *Chrysochraon poppiusi* Finland (Schwedisch).

Reuter, 2357; *Leptophyes punctatissima* Finland (Schwedisch).

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Axelson, 69; Tvärminne Apterygota-fauna.

Linnaniemi, 1681; Apterygotenfauna Finlands.

(d) **British Islands.**

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Notiophilus pusillus and *hypocrita* novelties; **Joy, 1422**.

Dromius angustus novelty; **Champion, 452**.

The British *Laccobius*, sp. n.; **Newbery, 1994**.

Helophorus porculus novelty; **Newbery, 1995**.

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Calodera protensa novelty; **Champion, 454**.

Philonthus concinnus and *Oxypoda perplexa* novelties; **Joy, 1421**.

Sunius lyonessius sp. n. *Cryptophagus hirtulus* novelty; **Joy, 1425**.

Olophrum assimile novelty; **Beare, 131**.

Euplectus bescidicus novelty; **Joy, 1427**.

Anisotoma flavicornis novelty; **Joy, p. 174, & Champion p. 206, Ent. Mag. 44**.

Cryptophagus lovendali novelty; **Champion, 451**.

Micrambe villosa novelty; **Newbery, Ent. Mag. 44 p. 105 and p. 235**.

Corticaria, the British spp., novelties; **Joy & Tomlin, 1429**.

Melanophthalma truncatella novelty; **Joy, 1428**.

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Dryops novelty; **Edwards, 749**.

Malthodes minimus marginicollis novelty; **Donisthorpe, p. 82 Ent. Rec. 20**.

Centhorrhynchus parvulus novelty; **Newbery, 1998**.

Phyllotreta diademata novelty; **Newbery, 1997**.

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Araeocerus fasciculatus in Britain; **Day p. 365 Ent. Mag. 44**.

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Coelioxys afra novelty; **Morice, 1936**.

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Pimplinae of Britain, 8 spp. n.; **Morley, 1939**.

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Kieffer, 1470 ; *Scelionidae* numerous spp. n.

Oxyura novelties ; Cameron, 398.

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- Schugurov, 2567 & 2568**; Gouv. Cherson. Lepidoptera (Russ.).

Trichoptera.

Felber, 805; Basel und Umgebung mit Berücksichtigung der Trichopteren-Fauna der Schweiz.

Felber, 807; Basle *Microptila* sp. n.

Neuroptera.

Gehrs, 1019; Hannover.

Meissner, 1836; Kleine Notizen über die Neuropteren der Umgegend von

Potsdam.—Wanach, 3033 ; Erwiderung auf O. Meissner.

Dziędzielewicz i Klapélek, 740 ; Novae species in Karpathibus Orientalibus collectae (Polish).

Diptera.

Lundbeck, 1719 ; *Diptera danica*. Part 2, *Asilidae*, *Bombyliidae*, *Therevidae*, *Scenopinidae*.

Guillaume, 1170 ; Belgium additions to the Catalogue.

Kieffer, 1467 ; Belgium, 2 spp. n. *Chironomus* & *Psectrocladius*.

Meunier, 1880 ; Belgium, *Ogcodes zonatus*.

Meunier, 1884 ; Belgium list, novelties.

†Meunier, 1871 ; Amber *Diptera* Catalogue, *Empidae* many spp. n.

†Meunier, 1877 ; Amber *Asilid*.

†Meunier, 1883 ; ambre de la Baltique, 7 spp. n., fam. n.

Enderlein, 775 ; *Oniscomyia dorni*, eine neue deutsche Ameisengast lebende flügellose Fliegengattung.

Kieffer, 1483 ; Germany, *Chironomidae* 28 spp. n., genn. n.

Kramer, 1570 ; Germany *Pseudosarcophaga* gen. n.

Kramer, 1568 ; *Sarcophaga* 3 spp. n.

Sack, 2448 ; Umgegend von Frankfurt a. M.

Speiser, 2757 ; Brocken *Norellia nervosa*.

Bergroth, 154 ; Steiermark *Tipula* sp. n.

Seitner, 2626 ; Krain *Cecidomyiidae* gen. n.

Becker, 132 ; Hungaria 2 spp. n., *Leucophenga* & *Madiza*.

Kieffer, 1481 ; Südrussland. *Cecidomyiidae* 2 spp. n.

Bezzi, 194 ; Italian Alps *Chionea* sp. n.

Aphaniptera.

Dampf, 605 & 606 ; Die ost- und westpreussische Flohfauna.

Hemiptera.

Jensen-Haarup, 1379 ; Denmark, *Aphelocheirus montandoni*.

Börner, 234 ; Germany *Dreyfusia* sp. n.

Dampf, 604 ; Ueber ostpreussische *Chermes*-Arten.

Lindinger, 1672 ; Berichtigung zu "Fränkischer Cocciden."

Szulczewski, 2860 ; Ianowitz im Kreise Znin.

Smreczyński, 2729 & 2730 ; Les hemiptères nouveaux de la faune de la Galicie (Polonais).

Oshanin, 2079 ; Verzeichnis der palae-arktischen Hemipteren, Verbreitung im Russischen Reiche, Band 2, Homoptera.

Cholodkovsky, 484 ; Crimea gen. n.

Gadd, 987 ; Krim, *Cicaden* (Russ.)

Jakovlev, 1364 ; Krim Fundorte von Wanzen (Russ.).

Marchal, 1773 ; S. Russia *Phenacoccus* sp. n.

Nassonow, 1975 ; Volhynia gen. n.

Thysanoptera.

Zykoff, 3194 ; Thysanopterenfauna Centralrusslands.

Odonata.

Schwaighofer, 2606 & 2607 ; Die mitteleuropäischen Libellen.

Scholz, 3540 ; Ein Verzeichniss der schlesischen.

Speyer, Entomologist 41 pp. 116-121 & 168-172 ; Germany, Marburg, annotated list.

La Baume, 1612 ; Libellenfauna Westpreussens.

le Roi, 1646 ; Libellen-Fauna der Rheinprovinz.

Bartenev, 112 ; Gouv. Perm, Kreis Ekaterinburg, *Aeschnidae* 1 n. sp.

Orthoptera.

Torka, 2898 ; Geradflügler, nordöstlichen Posen.

Frey-Gessner, 902 ; Switzerland *Saga serrata*.

Maerky, 1752 ; Notes de chasse.

Dalla-Torre, 599 ; Polare Grenzen der Orthopteren in Tirol.

Karny, 1434 ; Orthopterologischen Excursion an den Neusiedler See.

Redtenbacher, 2294; Nieder-Oesterreichs, die Gliederung der Orthopteren-fauna.

Pylinov, 2264; Gouv. Wladimir.

Schuguirow, 2569; Bessarabien list.

Thysanura & Collembola.

Lameere, Ann. Soc. ent. Belgique 52 p. 346; Namur *Japyx solifugus*.

Schille, 2511; Contribution à la faune des Aptères (Polonais).

(f) France.

Insecta, collectively.

Du Buysson, 708; Une promenade au Mont-Dore.

†Meunier, 1872; Un Odonatoptère du Rhétien (Lias inférieur) de Fort-Mouchard, près des Arçures (Jura).

†Meunier, 1874; Nouveaux Paléodictyoptères du stéphanien de Commercy [et 2^e note].

†Meunier, 1875; Nouveaux Mégasécoptéridés et nouveau Paléodictyoptère de Commeny.

†Meunier, 1876; Stéphanien de Commeny 5 spp. n.

†Meunier, 1879; 2 gen. n. rhétien of France, *Odonata & Blattidae*.

†Meunier, 1881; Stéphanien Commeny & houillier de l'Allier, 7 spp. n., genn. n.

†Meunier, 1882; houillier de Commeny 4 spp. n.

Xambeu, 3170; Faune entomologique des Pyrénées orientales.

Coleoptera.

Bourgeois, 271; Catalogue des coléoptères de la chaîne des Vosges et des régions limitrophes.

Bruyant et Dufour, 348; *Staphylinidae*, faune halophile de l'Auvergne.

Caillol, 387; Catalogue des Coleoptères de Provence.

Desbrochers des Loges, 647; France et Corse, Attelabides et Rhinomacérides.

Desbrochers, 650; *Amaurorhinus* sp. n.

Dubois, 706; *Oxyptoda* gallo-rhénans.

Mayet, 1816; l'Hérault.

Normand, 2032; Ariège *Euconnus* sp. n.

Peyerimhoff, 2137; Basses Pyrénées *Speonomus* sp. n.

Pic, 2277; Coléoptères français rares ou nouveaux.

Pic, 2181; Captures intéressantes.

Reitter, 2325; Alpes maritimes *Troglophyes* sp. n.

Hymenoptera.

Gaule, 1013 & 1014; Catalogue systématique et biologique des Hyménoptères de France (suite).

Giard, 1035; *Apanteles* nouveau pour la faune.

Pic, 2168; Vosges *Platylabus* sp. n.

Pic, 2180; Alpes françaises 2 spp. n. *Ichneumon & Amblyteles*.

Lepidoptera.

Chapman, 464; *Acidalia squalidaria* novelty.

Chem, 466; Angers, *Rhodocera rhamni* 1877-1909.

Chrétien, 488; Microlépidoptères nouveaux pour la faune française 7 spp. n. *Depressaria, Gelechia & Coleophora*.

Dupont, 722; Les Zygaenides de la Normandie.

Joannis, 1385; *Paralipsa gularis*.

Joannis, 1390; *Cnephasia* sp. n.

Joannis, 1394; *Microlep.* novelties, long list.

Joannis, 1395; Vannes *Scythris* sp. n.

Keynes & Keynes, 1464; Pyrenees, excursion, captures *Rhopalocera*.

Pionneau, 2199; Sur la diminution des Lépidoptères diurnes.

Pionneau, Échange 24 p. 10; Loire-Inférieure *Catephia alchemista*, etc.

Rowland-Brown, 2432; Basses-Alpes *Rhopalocera*.

Sheldon Entomologist 41 p. 294; Guéthary *Rhopalocera* short list.

Vuillet et Hugues, 3002; Sur la diminution des papillons diurnes.

Walsingham, 3026; *Phalonia* sp. n.

Neuroptera.

Lucas Entomologist 41 p. 202 ;
S. France short list.

Diptera.

Aubert & Guérin, 59 ; Marseille
Stegomyia.

Villeneuve, 2986 ; 3 spp. n., *Dioctria*,
Chortophila & *Acyglossa*.

Villeneuve, 2988 ; Contribution au
Catalogue, 3 spp. n.

Villeneuve, 2989 ; 21 novelties.

Hemiptera.

Horváth, 1308 ; *Metropis* sp. n.

Lambertie, 1616 ; Gironde, novelties.

Orthoptera.

Azan, 71 ; Hautes Alpes *Stenobothrus*
sp. n.

†Leriche, 1645 ; Houiller Pas-de-
Calais *Archimylaeris* sp. n.

†Meunier, 1873 ; Un nouveau Pro-
toblattiné du Stéphanien de Commentry.

Collembola.

Willem, 3144 ; Pas-de-Calais, gen. n.

(g) South Europe and Mediter-
ranean Basin.

Insecta, collectively.

(Zoocécidies nouvelles du Portugal
(Port.) ; Tavares, 2868.)

(Zoocécidies du Portugal (Port.) ;
Tavares, 2866.)

Gadeau de Kerville and others, 988 ;
Voyage en Tunisie 4 spp. n. *Allantus*,
Colletes, *Panurgus* & *Andrena*.

Coleoptera.

Arrow, 54 ; *Oniticellus* sp. n.

Reitter, 2311 ; Hispania, Graecia,
Creta, *Metopthalmus* 4 spp. n.

Escalera, 785 ; *Dorcadion* 8 spp. n.

Fuente, 975 ; *Histeridae* of Spain and
Portugal.

Reitter, 2324 ; Barcelona *Tenebrio*
syriacus.

Reitter, 2325 ; Spanish Pyrenees
Troglophyes sp. n.

Breit, 296 ; Mallorca & Barcelona 5
spp. n., *Scotodipnus*, *Hydroporus Cylindropsis*,
Cryptophagus, *Cyrtonus*.

Breit, 295 ; Corfu *Catops* sp. n.

Ganglbauer, 1001 ; Sardinia & Corfu
Raymondionymus 3 spp. n.

Krause, 1576 ; Carabi sardi ed i loro
parenti.

Holdhaus, 1282 Verzeichnis der
Pselaphiden und ; Scydmaeniden der
Jonischen Inseln, 8 spp. n.

Heyden, 1253 ; Isola di Capri.

Bickhardt, 199 ; Corsica.

Fleischer, 848 ; Corsica *Liodes* sp. n.

Sainte-Claire Deville, 2457 ; Cata-
logue critique des Coléoptères de la
Corse (suite).

Varendorff, 2971 ; Corsica faunistische
Notizen und Betrachtungen.

Bernhauer, 168 ; Sicily *Octavius* sp. n.

Bigliani, 204 ; Note del Piemonte.

Breit, 297 ; Sizilien *Ptinus leonhardi*
sp. n.

D'Amore Fracassi, 627 ; Italy *Calathus*
sp. n.

Dodero, 687 ; Tuscany & Corsica
Leptotyphlus 3 spp. n.

Dodero, 688 ; Italy *Euplectus* sp. n.

Eggers, 752 ; Italy *Hylastinus* sp. n.

Fauvel, 801 ; *Octavius* nouveau d'Italie.

Fiori, 839 ; Italy *Malthodes* sp. n.

Holdhaus, 1283 ; Koleopterengeo-
graphische Studien in Italien.

Holdhaus, 1284 ; Tuscany *Troglo-
rhynchus* sp. n.

Leoni, 1642 ; *Calathus* italiani.

Porta, 2227 ; Italy *Cephalocrius sy-
riacus*.

Porta, 2229 ; Note di Corologia.

Porta, 2230 ; Stafilinidi italiani
Aleochara revisione.

Raffray, 2278 ; Rome *Aphiliops* sp. n.

Silvestri, 2693 ; *Coccinellidae*, 11
spp. introdotti in Italia.

Vitale, 2990 ; Sicilia, nuovi o rari.

Montandon, 1928 ; Roumania, long
list.

Müller, 1960 ; Österreichischen Küs-
tenlande *Brychius* sp. n.

Müller, 1961; Dalmatia, *Trechus* (*Duvalius*) sp. n.

Müller, 1963; *Pterostichus fasciatus* in der Lindner-Grotte bei Trebič im Triester Karst.

Müller, 1964; Dalmatia *Euconnus* sp. n.

Müller, 1966; Dalmatia list.

Reitter, 2333; Herzegowina *Zonabris* n. sp.

Wanka, 3038; Reise in die Herzegowina.

Boehm, 228; Egypten *Coccinelliden*.

d'Orbigny, 642; Marocco, *Onthophagus* sp. n.

Escalera, 786; Marocco, *Onycholips*.

Petri, 2131; Ein neuer Algerien *Lixus* sp. n.

Peyerimhoff, 2136; Djurdjura 8 spp. n., *Trechopsis*, *Oreocys* gen. n. *Zabrus*, *Geostiba*, *Oxygoda*, *Pselaphus*, *Timarcha*, *Brachyrrhinus*.

Pic, 2161; *Haplocnemus* 2 spp. n.

Pic, 2164; Algeria *Peritelus* sp. n.

Pic, 2169; Algeria, *Trachyphloeus* sp. n.

Reitter, 2330; Kairo, *Boromorphus* sp. n.

Bourgeois, 273; Adana *Cydistus* sp. n.

Bourgeois, 273a; Syria *Drilus* sp. n.

Daniel, 613; Asia Minor & Syria *Minyops* 2 spp. n.

Fleischer, 850; Taurus *Clytanthus* sp. n.

Luze, 1729; Jerusalem *Bryoporus* sp. n.

Pic, 2171; Asia Minor, *Cryptocephalus* sp. n.

Reineck, 2306; Asia Minor *Coptocephala* sp. n.

Reitter, 2318; Syria 8 spp. n., *Chlaenius*, *Medon*, *Trimium*, *Cepheuium*, *Stenichnus*, *Nicobium*, *Heliotaurus*, *Heliomophlus*.

Reitter, 2319; Kleinasien *Entomogonus* sp. n.

Reitter, 2322; Kleinasien, *Omophlus* sp. n.

Reitter, 2327; Adana & Schiras, 4 spp. n., *Cydistus*, *Zurcheria* gen. n. *Tenebrion.*, *Poecilomorpha*.

Trappen, 2911; Palestine list.

Hymenoptera.

Dusmet, 725; *Anthidium* of Spain.

Kieffer, 1478; Madrid *Evania* sp. n.

Cobelli, 500; Rovereto *Pezomachus* sp. n.

Kieffer, 1469; Italy *Aulaxyta* sp. n.

Kieffer, 1480; Brindisi 2 spp. n., *Loxotropa* & *Galesus*.

Masi, 1802; Italy *Chalcididae* 6 spp. n.

Lepri, 1644; Lazio *Tenthredinidae*.

Pierantoni, 2188; Napoli, *Aphidius* sp. n.

Silvestri & Masi, 2699; Italy *Dinarismus* sp. n.

Cobelli, 498; *Blastophaga grossorum* in Trentino.

Graeffe, 1090; Braconiden oder Ichneumonenes adsciti des österreichischen Küstenlandes und südlichen Kraius.

Mayr & Kohl, 1818; Dalmatia list.

Du Buysson, 710; Sahara *Labus* sp. n.

Du Buysson, 711; Tunis *Chrysis* sp. n.

Handlirsch, 1188; Algier *Stizus* sp. n.

Kieffer, 1475; Tangier *Evania* sp. n., Cairo *Loxotropa* sp. n., Algeria *Cynipidae* gen. n.

Kieffer, 1478; Tangier 2 spp. n. *Evania* & *Pristaulacus*, Algeria *Gasteruption* sp. n.

Mayr, 1817; Ameisen aus Tripolis und Barka.

Santschi, 2469; Cairo & Tunis Formicidae list, 4 spp. n.

Saunders, 2480; Algeria, *Apidae*, long list, 46 spp. n.

Lepidoptera.

Walsingham, 3026; France, Spain & N. Africa, 6 spp. n., *Zenodochium*, *Perrittia*, *Phalonia*, *Phyllonorycter*, *Opostega*.

Mendes d'Azevedo, 1664; Portugal *Mendesia* gen. n. aff. *Momphae*.

Joannis, 1390; Spain & Portugal *Cnephasia* sp. n.

Rosa, 2404; Albarracin, short list.

Sheldon, 2645; Andalusia *Rhopalocera* excursion.

Sheldon, Entomologist 41 p. 301; Barcelona *Melitaea aurinia* etc.

Walsingham, 3027; Spain *Cosmopteryx* sp. n., Tangier *Acrocerops* sp. n., S. Europe *Eucelis* sp. n.

Goltz, 1081; Sammeltage an der Riviera.

Pionneau, 2200; Liste, Sicile et Sardaigne.

Rostagno, 2409; Campagna romana *Pieris ergane*, *Lycaena minimus*, *Arctia casta*, *Haemerosia renalis*.

Rostagno e Zapelloni, 2410; fauna romana.

Silvestri, 2685; n. gen. *Lyonetiidae*.

Schawerda, 2496; Bosniens und der Herzegowina, list, *Conchylis* sp. n.

Krone, 1589; Dalmatia *Micropteryx* sp. n.

Pax, 2103; Roumania long list.

Andres, 45; *Daphnis nerii* in Aegypten.

Chrétien, 490; Pyralide d'Algérie gen. n.

Chrétien, 491; Algeria *Gelechiidae* 2 spp. n., gen. n.

Chrétien, 492; Algeria *Gelechiides* 4 spp. n., 2 genn. n.

Chrétien, 494; Algeria *Anacampsis* 2 spp. n., gen. n. aff. *Soproniac*.

Chrétien, 495; 5 spp. n., *Elachista*, *Proactica* & gen. n. aff. *Stathmopodae*.

Chrétien, 496; Algeria *Lita* sp. n.

Blachier, 213; Marocco novelties.

Joannis, 1387; Sahara Liste.

Joannis, 1389; Algeria *Dioryctria* sp. n.

Joannis, 1391; Algeria *Zygaena* sp. n.

Le Cerf, 1635; Algeria *Saturnia pyri*.

Lucas, 1698; Tunisie 3 spp. n., *Epischnia*, *Pionea* & *Hedemannia*.

Луцаз, 1699; Tunisie *Polia* sp. n.

Mabille, 1734; Tunisie 3 spp. n., *Actenia*, *Heterographis* & *Rhodophaea*.

Oberthür, 2040; Algeria *Somabrachys* 2 spp. n.

Rebel, 2290; Tripolis und Barka, 3 spp. n., *Ancylolomia*, *Tineola* & gen. n. aff. *Penestoglossae*.

Rebel, 2288; Pontus, list, *Harpella* sp. n.

Trichoptera.

Navás, 1982; Spain *Leptocerus* sp. n.

Kempny, 1452; Asia Minor *Drusus* sp. n.

Neuroptera.

(Néuroptères d'Espagne et Portugal (Espagnol); **Navás, 1980**).

(Néuroptères prosostomiens de la Péninsule ibérique (Espagnol); **Navás, 1979**).

Van der Weele, 3077a; Planipennes sud algérien et Lac Tchad.

(**Bischof, 209**; Neuropteren aus Kleinasien).

Navás, 1977; Spain *Chrysopa* sp. n.

Diptera.

Hendel, 1224; Corfu & Jerusalem, *Dorycera* sp. n., *Percnomatia* sp. n.

Schouteden, 2544; Portugal *Aphis* sp. n.

Silvestri, 2679; Corfu *Margarodes* sp. n.

Grassi, 1095; Roma *Phlebotomus* sp. n.

Silvestri, 2690; Italy *Asphondylia* sp. n.

Tuccimei, 2928; Ditteri della provincia di Roma, Parte ii.

Bezzi, 195; Algeria *Aphoebantus* sp. n.

Kieffer, 1472; Egypt *Leptoconops* sp. n.

Kieffer, 1474; Asia Minor *Mikiola* sp. n.

(**Bischof, 209**; Kleinasien.)

Aphaniptera.

Rothschild, 2417; Roumania *Ctenophthalmus* sp. n.

Hemiptera.

Bergevin, 149; Algeria *Ancyrosoma* sp. n.

Horváth, 1307; Portugal *Schizoneura* sp. n.

Silvestri, 2679; Italy *Margarodes* sp. n.

Thysanoptera.

Marchal, 1774; Algeria *Phloeothrips* sp. n.

Buffa, 354; Italy 2 genn. n.

Karny, 1439; Dalmatia 3 spp. n., gen. n.

Perlidae.

Kempny, 1452; Asia Minor 2 spp. n. *Perla* & *Chloroperla*.

Odonata.

Bentivoglio, 141; Mantovano.

Bentivoglio, 142; Reggio-Emilia Libellulidi.

Bentivoglio, 144; Libellulidi italiani, distribuzione topografia.

Kempny, 1452; Asia Minor, list, novelties.

Morton, Ent. Mag. 44 p. 37; Bosnia short list.

Orthoptera.

Bolivár, 240; Spain & Marocco 13 spp. n.

Navás, 1976; Spanish Pyrenees 2 spp. n., *Arcyptera* & *Barbitistes*.

Ebner, 742; Bosniens und der Herzegovina, 2 spp. n., *Isophya* & *Pholidoptera*.

Karny, 1439; Dalmatia *Orthoptera* und *Blattaeformia*.

Bolivár, 239; Marocco *Hololampra* 2 spp. n.

Bolivár, 244; Tunisie list *Ectobia* sp. n.

Werner, 3106 & 3107; Tunis & Tripoli, 10 spp. n.

Thysanura & *Collembola*.

Berlese, 160; Firenze *Acerentomidi* 4 spp. n., gen. n.

Berlese, 161; Trentino Italy *Acerentomon* & gen. n., 3 spp. n.

Silvestri, 2677; N. Africa *Jupyx* sp. n.

Silvestri, 2686; *Lepisma* 3 spp. n.

Silvestri, 2688; Corfu 3 spp. n., *Lepidospora*, *Praemachilis* & *Jupyx*.

Silvestri, 2689; Italian *Thysanura*, *Jupyx* sp. n.

(h) Caucasus, West & Centr. Asia.

Insecta, collectively.

Meissner, 1857; Syr-darja & Aral See *Chironomidae* & *Mymaridae* (Russ.).

Coleoptera.

East Tibet *vide* Asia.

Bodungen, 227; Transcaucasus *Hesperophanes* sp. n.

Grouvelle, 1151; Persia 2 spp. n. *Ditoma* & *Heterocerus*.

Jacobson, 1357; Transcaspian *Galerucini* gen. n.

Jakovlev, 1369; Turkestan & Transkaspien *Sphenoptera* 3 spp. n.

Marshall, 1788; Yemen *Malosomis* sp. n.

Petri, 2130; Persia *Isomerus* sp. n.

Reitter, 2310; *Pogonus* 2 spp. n.

Reitter, 2328; Am Salzsee Indersk Kirgisensteppe, *Zonabris pallasi*, *Dera-canthus spiniffex*, *Isomerus granosus*, *Netuschilia hauseri*, *Odontocnemus fischeri*.

Semenov-Tian-Shansky, 2634; Centr. Asia 10 spp. n.; *Carabus*, *Tuphoxenus* & *Pterocoma*.

Sumakow, 2825; Turkestan *Corigetus* sp. n.

Sumakov, 2827; Turkestan & Caucasus *Steropes* sp. n.

Fuchs, 972; Karawanken *Hylesinus* sp. n.

Wagner, 3008; Persia *Apion* sp. n.

Hymenoptera.

Kieffer, 1476; *Rhodites* sp. n.

Ruzskij, 2445; Semiretschje-Gebiet, *Formicidae* (Russ.).

Schreiner, 2558; Astrachan *Eurytoma* sp. n.

Turner, 2945; Tibet, W. Persia, *Tiphia* sp. n.

Lepidoptera.

Austaut, 66; Tian-shan *Oeneis* sp. n.

Buckle, 351; Aden, short list.

Djakonov, 672; Semiretschje-Gebiet, *Xanthorrhoe* sp. n.

Djakonov, 673; Semiretschje, Semipalatinsk. *Geometridae* list.

Grose-Smith, 1132; Turkestan *Par-nassius* nov.

Hampson, 1182; Aden *Sylepta* sp. n.

Kusnezov, 1609; Northern shores of the Aral-Sea 3 spp. n. *Onychestra*, *Salebria*, gen. n. aff. *Dariae*.

Meinhard, 1825; Semiretschje-Gebiet. (Russ.)

Diptera.

Austen, 67; Aden *Haematopota* sp. n.

Brunetti, 336; Persia *Paragus* sp. n.

Hemiptera.

Jakovlev, 1366; Buchara *Centrocoris* sp. n.

Jakovlev, 1367; Caucasus *Odontotarsus* sp. n.

Marlatt, 1787; Transcaspian *Aspidiotus* sp. n.

Oshanin, 2078; Turkestan & Transcaspian 4 spp. n., *Adelungia*, *Dorysarthrus*, *Limois*, *Poophilus*.

Africa.

For North Africa *vide* Palaearctic (g.).

Insecta, collectively.

Brohmer, 314; Entomologisches aus Deutsch-Ostafrika.

Du Buysson, 710; Lac Tchad.

Du Buysson, 712; Afrique centrale Orthoptères et Hyménoptères, en Afrique d'Édouard Foà.

Graham, 1091; W. Africa, 3 spp. n., *Cryphalus*, *Ceratitidis* & *Capsidae*.

Tavares, 2870; Cecidologie du Zambèze, *Cecidomyiidae* 9 spp. n., genn. n., *Aphis* sp. n.

Coleoptera.

Abelle de Perrin, 7; Obock *Buprestidae* spp. n.

Alluaud, 35; Coléoptères de la faune alpine du Kilimandjaro avec notes sur la faune du mont Meru *Carabidae* 5 spp. n.

Arrow, 53; W. Africa gen. n. *Cyclocephalinae*, *Lonchotus* spp. n., *Pycnoschema* sp. n.

Arrow, 56; S. Africa, Ruteliden und Melolonthiden.

Aurivillius, 62; Trop. Africa *Longicornia* 8 spp. n.

Aurivillius, 63; Trop. Africa *Cerambycidae* gen. n. & 2 spp. n.

Aurivillius, 64; S. Africa *Cerambycidae* 5 spp. n., genn. n.

Aurivillius, 65; Kilimandjaro-Meru *Cerambycidae* 23 spp. n.

Bedel, 137; S. Africa *Graniger* sp. n.

Borchmann, 246; Africa or. *Lagria* 3 spp. n.

Bourgeois, 269; *Lycides* 10 spp. n. & varr. n. Afrique orientale.

Bourgeois, 272; S. W. Africa *Lycus* sp. n.

Bourgeois, 274; Kilimandjaro-Meru *Malacodermata* 30 spp. n.

Bourgeois, 276; Afrique orientale *Demosis* sp. n.

Casey, 436; Liberia *Ogmocerus* sp. n.

Distant, 663; Cape Colony *Megacolus* sp. n.

Eichelbaum, 754; Kilimandjaro-Meru *Staphylinidae* 4 spp. n.

Fauvel, 798; Afrique orientale *Staphylinides* 104 spp. n.

Felsche, 810; *Copris* sp. n.

Felsche, 811; Kilimandjaro and Meru *Ateuchini* und *Coprini* list, 1 sp. n.

Fleutiaux, 855; S. Africa *Elateriden*.

Gahan, 989; Centr. Africa *Cleridae* gen. n.

Gestro, 1032; Africa or. 2 spp. n., *Leptispa* & *Dactylispa*.

Gillet, 1042; Africa or. *Heliocopris* sp. n.

Gillet, 1043; Trop. Africa, 6 spp. n. *Copris* & *Sceliages*.

Gillet & d'Orbigny, 1044; Trop. Africa 7 spp. n., *Copris* & *Onthophagus*.

Grouvelle, 1140; Abyssinia, *Meligethes* 3 spp. n.

Grouvelle, 1142; Africa or. 14 spp. n. *Meligethes*, *Cryptarcha*, *Diplocoelus*, *Micrambe*, *Mycetophagus*, *Atritonus* & *Dryops*.

Grouvelle, 1143; S. Africa *Nitidulidae*, *Lathridiidae*, *Cryptophagidae*, und *Par-nidae*, *Cryptophagus* sp. n.

Grouvelle, 1148; W. Africa *Amphicrossus* sp. n.

- Hagedorn, 1176 ; Scolytidae 7 spp. n., gen. n.
- Horn, 1299 ; S. Africa Cicindelidae.
- Horn, 1300 ; Angola *Cosmema* 2 spp. n.
- Jacoby, 1360 ; Africa or. *Chrysomelidae* 17 spp. n.
- Kerremans, 1453 ; Benguella *Psiloptera* 3 spp. n.
- Kerremans, 1454 ; S. Africa *Sphenoptera* sp. n.
- Kerremans, 1456 ; Kilimandjaro and Meru, *Luprestidae* list, 15 spp. n.
- Kerremans, 1457 ; 5 spp. n. *Steraspis* & *Agelia*.
- Kolbe, 1546 ; *Dynastidae*, *Cetoniidae* und *Scarabaeidae*, 15 spp. n.
- Kuhnt, 1600 ; 2 spp. n. *Megalodacne*.
- Lesne, 1647 ; Afrique centrale.
- Lesne, 1649 ; Africa or. *Lyctus* sp. n.
- Lesne, 1650 ; S. Africa *Bostrychidae*, *Nylomedes* sp. n.
- Lesne, 1653 ; Lac Tchad.
- Lesne, 1654 ; Kilimandjaro and Meru, *Bostrychidae* list, 1 sp. n.
- Lewis, 1660 ; *Histeridae* 10 spp. n.
- Lewis, 1661 ; Kilimandjaro and Meru, *Histeridae* list, 3 spp. n.
- Marshall, 1788 ; *Tanyrrhynchinae*, S. Africa 9 spp. n., Abyssinia & White Nile 2 spp. n.
- Moser, 1950 ; Trop. Africa *Cetoniidae* 6 spp. n., *Eccoctocnemis*, *Pachnoda*, *Atrichelaphinis*, *Leucocelis*.
- Moser, 1951 ; Trop. Africa *Cetoniidae* 3 spp. n., *Pachnoda*, *Porphyronota*.
- Moser, 1953 ; Trop. Africa *Cetoniidae* 4 spp. n., *Tephraea* & *Goniochilus*.
- Obst, 2048 ; S. Africa *Carabidae* 5 spp. n., *Crepidogaster*, *Graphipterus*, *Anthia*, *Harpalus*.
- Ohaus, 2054 ; Trop. Africa *Rutelidae* 4 spp. n., *Anomala*, *Popillia* & *Xenoproctis*.
- Ohaus, 2057 ; Congo *Mimela* sp. n.
- Olivier, 2063 ; *Luciola* sp. n.
- Olivier, 2065 ; Congo *Diaphanes* sp. n.
- d'Orbigny, 642 ; Africa trop. & mer. *Onthophagus* many spp. n.
- d'Orbigny, 2073 ; Kilimandjaro and Meru, *Onthophagidae* list, 4 spp. nn.
- Raffray, 2276 ; Congo *Pselaphidae* 15 spp. n.
- Raffray, 2277 ; Cameroons *Batrisocenus* sp. n.
- Olivier, 2069 ; Cameroons *Luciola* sp. n.
- Peringuey, 2120 ; *Dromica*, *Casnonia*, *Lebia*, *Polyaulacus*, *Polyhirna*, *Coscinia*, *Anisodactylus*, *Hypolithus*, *Cratognathus*, *Osmotropus*, *Dioryche*, *Stenolophus*, *Acupalpus*, *Tefflus*, *Trichesia*, *Chlaenius*, *Oodes*, *Systolocranius*, *Melanodes*, *Anaulachus*, *Bascanus*, *Metaxys*, *Trechus*, *Tachys*, *Staphylinus*, *Oedichirus*, *Mastigus*, *Thorictus*, *Coraeus*, *Melibaeus*, *Amorphosoma*, *Paradora*, *Demostis*, *Phlocteis*, *Anadora*, *Kerremansia*, *Agrilus*, *Kamosia*, *Aphanisticus*, *Ichthyurus*, *Brachycerus*, *Strophosomus*, *Cimbus*, *Caloecus*, *Somatodes*, *Costaterophasis*, *Cotasteridus*, *Antliarrhinus*, *Pentarthrophasis*, *Pentarthrum*, *Mesitomorphus*, *Clytanthus*, *Tlepolemus*, *Blepisanis*, *Poecilomorphia*, *Lachnaea*, *Leptispa*, *Callispa*, *Distolaca*, *Dactylispa*, *Dicladispa*, *Dorcatispa*, *Pseudispella*, spp. n., *Kerremansia*, *Caloecus*, *Costaterophasis*, *Cotasteridus*, *Pentarthrophasis*, *Mesitomorphus*, genn. n.
- Peringuey, 2121 ; *Nigidius*, *Scarabaeus*, *Sisyphus*, *Onthophagus*, *Aphodius*, *Macroretrus*, *Trox*, *Athyreus*, *Bolboceras*, *Phaeocroides*, *Araeotanypus*, *Chaetocanthus*, *Orphnus*, *Heteronychus*, *Adoretus*, *Anomala*, *Popillia*, *Phaenomeris*, *Anisonyx*, *Hoplocnemis*, *Heterochelus*, *Dicranocnemus* *Monochelus*, *Ablabera*, *Tulbaghia*, *Makalaka*, *Ramontsa*, *Damura*, *Schizonycha*, *Stripsipher*, spp. n., *Macroretrus*, *Phaeocroides*, *Makalaka*, *Ramontsa*, genn. nn. : *Caccobius* 1 ; *Onthophagus* 16 ; *Proagoderus* 1 ; *Phalops* 2 spp. n., d'Orbigny, in Peringuey, 2121.
- Péringuey, 2122 ; S. Africa *Tenebrionidae* und *Cureulionidae*, 36 spp. n.
- Pic, 2149 ; Trop. Africa *Zygia* sp. n. *Hapalochrous* sp. n.
- Pic, 2150 ; Africa or. *Melanophthalma* sp. n.
- Pic, 2152 ; W. African *Gibbium* sp. n.
- Pic, 2154 ; S. Africa 3 spp. n., *Ptinus*, *Pseudomezium* & *Actenodia*.
- Pic, 2155 ; Descriptions de Coléoptères d'Asie et d'Afrique.

- Pic, 2158**; Trop. Africa *Cantharidae* 4 spp. n.
- Pic, 2160**; Africa or. 3 spp. n., *Cistela*, *Eurygenius* & *Zonabris*.
- Pic, 2165**; Africa trop. *Cistela* 2 spp. n.
- Pic, 2173**; Afrique orientale allemande et anglaise, 9 spp. n., *Malacodermidae*, *Lissodema*, *Anthicidae*.
- Pic, 2179**; Erythraea *Laria* sp. n., Natal *Biophida* sp. n.
- Régimbart, 2296**; Kilimandjaro and Meru, *Dytiseidae*, *Gyrinidae*, *Hydrophilidae* list, *Dytiseidae* spp. n.
- Reitter, 2320**; Deutsch-Ostafrika *Scaphidiidae* 11 spp. n., 2 genn. n.
- Reitter, 2323**; Deutsch-Ostafrika *Corylophidae*, 11 spp. n.
- Reitter, 2326**; Deutsch-Ostafrika *Cioidae*, 9 spp. n.
- Schenkling, 2501**; 2 spp. n. *Encymatodera* & *Stratocera*.
- Schenkling, 2503**; Natal *Orthopleuroides* sp. n.
- Schenkling, 2505**; Kilimandjaro-Meru, *Cleridae*, *Erotylidae*, *Endomychidae*.
- Schilsky, 2516**; S. Africa *Mordellistena* sp. n.
- Schmidt, 2520**; Kongo *Aphodiini* 6 spp. n., *Aphodius*, *Didactylia* & *Saprosites*.
- Schmidt, 2524**; Kilimandjaro and Meru *Aphodiini* list, 2 spp. n.
- Schmidt, 2525**; Trop. & S. Africa *Aphodius* 6 spp. n.
- Schmidt, 2526**; *Lorditomaeus* 7 spp. n.
- Schwarz, 2610**; Kilimandjaro-Meru, *Elateridae*, 13 spp. n.
- Schwarz, 2611**; *Elateridae* 11 spp. n., *Alaus*, *Olophoeus* & *Psephus*.
- Sternberg, 2789**; *Anthia* & *Polyhirma*, 5 spp. n.
- Sternberg, 2790**; Africa or. *Polyhirma*, 2 spp. n.
- Sternberg, 2792**; Gallaland & Abyssinia 19 spp. n. *Chlaenius*, *Polyhirma* & *Tefflus*.
- Sternberg, 2793**; Trop. Afric. *Tefflus* 4 spp. n.
- Thery, 2879**; *Buprestidae* *Steraspis* 2 spp. n.
- Wagner, 3007**; S. & Trop. Africa, *Apion* 46 spp. n.
- Wagner, 3010**; Kilimandjaro-Meru *Apioninae* 8 spp. n.
- Wagner, 3014**; Trop. & S. Africa *Apion* 21 spp. n.
- Wasmann, 3058**; Abyssinia *Myrmedoniense* gen. n.
- Wasmann, 3062**; Togo *Panssus* sp. n.
- Wasmann, 3063**; S. Africa, *Aleocharini* gen. n.
- Weise, 3085**; S. Africa 8 spp. n.
- Weise, 3088**; Angola 4 spp. n., *Melitonoma*, *Euryope*, *Lefevrea* & *Hoplionota*.

Hymenoptera.

- André, 40**; Erythrea 2 spp. n., *Mutilla* & *Barymutilla*.
- André, 44**; Trop. & S. Africa *Mutillidae*.
- Cameron, 397a**; Port Sudan *Iphiaulax* sp. n.
- Cockerell, 506**; W. Africa *Apidae* 6 spp. n., *Dufourea*, *Heriades*, *Coelioxys*, *Thrinchostoma*.
- Cockerell, 512**; Trop. Africa, *Nomia* 3 spp. n.
- Cockerell, 523**; West Africa 3 spp. n., *Mesotrichia*, *Ceratina* & *Halictus*.
- Cockerell, 525**; W. Africa *Apidae* 3 spp. n., *Thrinchostoma*, *Nomia* & *Mesotrichia*.
- Cockerell, 526**; W. Africa *Apidae* 3 spp. n., *Anthophora* & *Halictus*.
- Cockerell, 527**; W. Africa *Megachile* sp. n.
- De Stefani Perez, 645**; Somaliland *Isosoma* sp. n.
- Du Buysson, 709**; W. Africa 2 spp. n., *Polistes* & *Belonogaster*.
- Emery, 762**; Congo *Formicidae* 4 spp. n., *Dicroaspis*, *Tetramorium*, *Tapinoma*, *Camponotus*.
- Forel, 872**; E. Africa *Formicidae*, 7 spp. n.
- Friese, 906**; East Africa, *Apidae* 9 spp. n., gen. n.
- Kieffer, 1478**; Dahomey *Pristocera* sp. n.
- Konow, 1561**; Trop. & S. Africa *Athalia* 5 spp. n.

Magretti, 1573; Afrique orientale 4 spp. n., *Philanthus*, *Oxybelus* & *Palarus*.

Magretti, 1754; Senegal *Mutilla* sp. n.

Mocsáry, 1910; Africa mer. *Chrysididae* 22 spp. n.

Mocsáry, 1912; Ostafrika *Chrysidae*.

Schmiedeknecht, 2535; *Mansa* sp. n.

Sjöstedt, 2704; Ostafrikas Steppen, Akaziengallen und Ameisen.

Szépligeti, 2856; Deutsch-Ost-Afrika gen. n. aff. *Dichelosi*, *Cardiocheiles* sp. n.

Szépligeti, 2858; Kilimandjaro and Meru, *Braconidae* list, 1 gen. n., 28 spp. nn., *Ichneumonidae* list, 6 gen. nn., 105 spp. nn.

Turner, 2944; Trop. & S. Africa 6 spp. n., *Myzine* & *Plesia*.

Turner, 2945; S. Africa *Tiphia* 3 spp. n.

Turner, 2946; Natal *Anthobosca* sp. n.

Lepidoptera.

Bastelberger, 114; Usambara *Meso-coela* sp. n.

Bastelberger, 121; Usambara *Conolophia* sp. n.

Bastelberger, 122; 2 spp. n., *Tephрина* & *Psilocera*.

Bethune-Baker, 175; Rhodesia, Natal, Nigeria, *Bombyces* 18 spp. n., *Eupterotidae* gen. n., *Dinara*, *Osica*, *Thosea*, *Parasa*, *Taragama*, *Metanastrina*, *Philotherma*, *Gonometa*, *Lymantriidae* gen. n., *Laelia*, *Arctiidae* gen. n., *Cretonotus*, *Azygophleps*, *Arbelidae* gen. n.

Bethune-Baker, 176; Upper Congo *Rhopalocera*, 24 spp. n., *Mycalesis* *Henotesia*, *Acraea*, *Planema*, *Euphaedra*, *Euryphene*, *Diestogyna*, *Charaxes*, *Celaenorrhinus*, *Osmodes*, *Parnara*, *Pandal-eodes*, *Ceratrachia*, *Andronymus*.

Bethune-Baker, 177; Congo *Acraea* sp. n., *Lycaenidae* 9 spp. n.

Buckle, 351; Transvaal, short list.

Druce, 705; Cameroons *Charaxes* sp. n.

Hampson, 1182; E. Africa *Glyphodes* sp. n. *Sylepta* sp. n.; S. Africa *Catocalinae* gen. n., *Eublemma* sp. n., *Archernis* sp. n.

Hampson, 1186; *Acronyctinae* general work, 18 spp. n.

Meyrick, 1895; Tropical and S. Africa *Microlepidoptera* 108 spp. n., 12 gen. n.

Poujade, 2241; Afrique centrale.

Rebel, 2289; Zanzibar *Axiocerses harpax styx* subsp. n., *Pentila parapetreia* sp. n.

(*Auchmophila kordodensis* sp. n.; Verzeichnis der von Dr. Fr. Werner im Sudan gesammelten Schmetterlinge, Rebel, 2286.)

Rothschild, 2419; Kivu *Papilio* sp. n.

Rothschild & Jordan, 2424; Trop. Africa, *Sphingidae* 4 spp. n.

Schultze, 2591; Trop. Africa 3 spp. n. *Cymothoë*, *Spindasis* & *Zeritis*.

Warren, 3050; Trop. & S. Africa, *Thyrididae* 7 spp. n.

Weymer, 3116 & 3117; Benguella 3 spp. n., *Semioptila*, *Taeda* & *Chalciope*.

Wichgraf, 3134; Trop. & S. Africa 3 spp. n., *Phialla*, *Pacasa* & *Xanthospilopteryx*.

Trichoptera.

Ulmer, 2962; W. Africa 4 spp. n., *Hydropsyche*, *Chimarrha*, *Wormaldia* & *Triaenodes*.

Ulmer, 2963; Kilimandjaro - Meru *Trichoptera* 6 spp. n.

Neuroptera.

Navás, 1977; Trop. & S. Africa 3 spp. n., *Nothochrysa*, *Panorpatae* gen. n., *Acanthaclisis*.

Weele, 3078; *Ascalaphidae* 25 spp. n., gen. n.

Diptera.

Austen, 67; *Tabanidae*, *Tabanus* sp. n., *Haematopota* 37 spp. n.

Bezzi, 189; Trop. Africa 50 spp. n., *Statiomyidae*, *Tabanidae*, *Bombyliidae*, *Asilidae* *Empidae*, *Dolichopidae*, *Syrphidae*, *Muscidae calyptr.*, *Borboridae*, *Celyphidae*, *Ortalidae*, *Trypetidae*, *Diopsidae*, *Ephydriidae*, *Drosophilidae*.

Bezzi, 190; Erythrea, 50 spp. n., Catalogue of African *Tachinidae* & other families.

Bezzi, 192; S. Africa 28 spp. n.

Enderlein, 769; S. Africa *Ceratopogoninae* 3 spp. n.

Hendel, 1221; S. Africa spp. n., *Dias-tenœura* & *Hypotyphla*.

Hermann, 1234; S. Africa *Asilidae* genn. n., 4 spp. n.

Hubert, 1235; Dahomey distribution géographique des mouches tsé-tsé au.

Kleffer, 1466; S. Africa, *Chironomidae* 9 spp. n., *Chironomus* & gen. n.

Lichtwardt, 1664; Angola *Rhynchomyia* sp. n.

Lichtwardt, 1665; S. Africa *Dolichopidae*.

Martin et Surcouf, 1796; Afrique centrale. Resultats scientifiques des voyages en Afrique d'Edouard Foa.

Meunier, 1885; Zanzibar copal 3 spp. n. *Pyrellia*, *Ceroxys Helomyzinae*.

Poppius, 2222; Centr. Africa *Dermatostrus* sp. n.

Ricardo, 2370; Trop. Africa *Tabanidae* 3 spp. n. *Pangonia* & *Corizoneura*.

Ricardo, 2371; *Tabanus* 29 spp. n.

Rübsaamen, 2440; S. Africa 2 spp. n., *Sciara* & *Asphondylia*.

Sack, 2447; O.-Afrika *Dacus* sp. n.

Shelford, 2649; Centr. Africa *Phoridae* gen. n.

Sjöstedt, 2703; Kilimandjaro - Meru, *Oestridæ* list, 1 sp. n. (Imago), neue Larven, *Oestrus ovis*.

Speiser, 2754; Deutschlands afrikanischen Kolonien, 14 spp. n.; *Ceroplatus*, *Toxorhina*, *Styringomyia*, *Idiophlebia*, *Dieranoptycha*, *Mongoma*, *Limnophila*, *Pachyrhina*, *Ptecticus*, *Hoplodonta*, *Diplehippium* gen. n., *Exoprosopa*, *Hemerodromia*, *Phora*, *Aphiochaeta*.

Speiser, 2762; S. Africa *Hippoboscidae*, gen. n.

Stein, 2779; S. Africa *Anthomyiidae* 2 spp. n., *Lispa* & *Fucellia*.

Surcouf, 2831; *Tabanus* sp. n.

Surcouf, 2832; *Haematopota* 7 spp. n.

Surcouf, 2833; *Haematopota* sp. n. Abyssinie.

Surcouf, 2836; *Pangonia* 2 spp. n.

Surcouf, 2837; Lac Tchad, *Tabanus* sp. n.

Surcouf, et Picard, 2838; *Stomoxys* en Abyssinie.

Surcouf et Roubaud, 2839; Tabanides Congo français.

Theobald, 2876; Transvaal, *Culicidae* 2 spp. n.

Wellman, 3101; intérieur de l'Afrique occidentale portugaise, liste.

Aphaniptera.

Jordan & Rothschild, 1419; *Loemopsylla* 4 spp. n.

Rothschild, 2413; Kilimandjaro-Meru, 3 spp. n.

Rothschild, 2414; Uganda 4 spp. n.

Rothschild, 2417; Angola *Pygiopsylla* sp. n.

Hemiptera, collectively.

Distant, 665; Ruwenzori 11 spp. n., *Caura*, *Carbula*, gen. n., *Aspongopus*, *Holopterna*, *Mygdonia*, *Acanthomia*, *Ptyelus*, *Lepyronia*.

Martin, 1795; Afrique centrale.

Heteroptera.

Bergroth, 156; Süd - Abyssinien; *Pentatomidae* 1 sp. n., *Coreidae* 1 sp. n., *Tingidae* 1 sp. n., *Reduviidae* 2 spp. n.

Breddin, 291; S. Africa 2 spp. n., *Edocla* & *Steganocerus*.

Breddin, 292; *Erythraea Nezara* 2 spp. n.

Courteaux, 579; *Elasmopoda* sp. n.

Distant, 667; Congo *Ammianus* sp. n.

Kirkaldy, 1503; Kilimandjaro-Meru, *Gerridae* gen. n., *Corixidae*, *Corixa* sp. n., *Notonectidae*.

Montandon, 1926; Kilimandjaro-Meru: *Geocorinae*, *Belostomidae*, *Nepidae*, *Mononychidae* et *Naucoridae*, *Geocoris* 2 spp. n.

Montandon, 1927; S. Africa *Holoptilus* sp. n.

Montandon, 1929; E. Africa *Stenophthalmicus* sp. n.

Reuter, 2359; *Capsidae* 13 spp. n.

Reuter, 2363; Abyssinia *Lisarda* sp. n.

Schouteden, 2545; Congo *Pentatomidae* 13 spp. n.

Homoptera.

- Distant, 664; *Cercopidae* 20 spp. n.
 Distant, 670; South Africa, *Fulgoridae*
 3 spp. n., *Membracidae* 6 spp. n., *Cercopidae*
 5 spp. n.
 Melichar, 1862; aus Deutsch-Ostafrika, *Idiocerus* sp. n.
 Schmidt, 2527; Trop. Africa *Eurybrachini*
 2 spp. n., gen. n.

Coccidae.

- Marlatt, 1780; S. Africa *Pseudaonidia*
 sp. n.
 Marlatt, 1787; S. Africa *Aspidiotus*
 2 spp. n.
 Newstead, 2003; W. Africa, gen. n. &
Ceroplastes sp. n.
 Newstead, 2004; Kilimandjaro-Meru
Coccidae 6 spp. n.
 Newstead, 2008; 2 spp. n. *Palaeococcus*
 & *Pulvinaria*.

Thysanoptera.

- Trybom, 2926; Kilimandjaro-Meru
 5 spp. n.

Psocidae.

- Enderlein, 768; S. Africa gen. n.
 Enderlein, 777; Pemba *Lophopterygella*
 sp. n.

Mallophaga.

- Kellogg, 1448; Kilimandjaro - Meru,
Mallophaga list, 13 spp. n.

Embiidae.

- Enderlein, 767; S. Africa, *Olyntha*
 sp. n.
 Silvestri, 2694; Meru, *Embiidae*
 1 sp. n.

Termitidae.

- Silvestri, 2682; S. Africa 7 spp. n.

Odonata.

- Martin, 1797; *Macromia* 2 spp. n. &
Phyllomacromia 2 spp. n.
 Martin, 1799; W. Africa, 8 spp. n.,
 gen. n.
 Ris, 2379; S. Africa *Enallagma* sp. n.
 und Katalog der Odonaten von Süd-
 afrika.

Orthoptera.

- Bolivár, 237; Trop. Africa, *Acridiidae*
 38 spp. n.
 Bolívar, 241; Senegal gen. n. aff.
Acridae.
 Bolívar, 242; W. Africa *Mantidae* 4
 spp. n.
 Bolívar, 243; *Acridiidae* 7 spp. n.
 Burr, 369; E. Africa gen. n. *Pygidi-*
craninae.
 Brunner & Redtenbacher, 339;
Phasmidae general work, spp. n.
 Burr, 370; Deutsch-Ost-Afrika, 4 spp.
 n. *Diplatys*, *Psalis*, *Anisolabis*, *For-*
ficula.
 Burr, 371; short list *Forficulidae*.
 Finot, 838; West Africa gen. n. aff.
Thalpomeneae.
 Griffini, 1110; *Phasgonuridae* 18 spp.
 n. *Gryllacris*, *Stizoscepa*, *Cymatomera*,
Polyglochis, *Lichenochrus*, *Tympano-*
compus, *Xiphidiopsis*, *Pardalota*, *Por-*
reuomena, *Ducetia*, *Polichne*, *Morgenia*,
Plangiopsis.
 Griffini, 1117; Revision of *Gryllacris*,
 6 spp. n.
 Griffini, 1120; Guinea *Neanias* sp. n.
 Karny, 1436; S. Africa *Blattaeformia*
Oothecaria, 32 spp. n.
 Karny, 1440; S. W. Africa *Blattidae*
 gen. n.
 Shelford, 2646; Trop. & S. Africa
Blattidae 4 spp. n.
 Shelford, 2647; W. Africa *Blattidae*
 13 spp. n., *Theganopteryx*, *Ischnoptera*,
Phyllodromia, *Liosilpha*, *Pseudodero-*
peltis, *Gyna*, *Nauphoeta* and *Stilpno-*
blatta.
 Shelford, 2648; Tropical Africa, *Blat-*
tidae 19 spp. n.
 Shelford, 2650; *Blattidae* 9 spp. n.
 Werner, 3104; *Mantidae* 5 spp. n.
 Werner, 3105; Abessynien *Mantidae*
 1 gen. n. 1 sp. n.
- Thysanura and Collembola.*
 Börner, 230; S. Africa 6 spp. n., 2
 genn. n.
 Silvestri, 2680; W. Africa 20 spp. n.,
 genu. n.

Silvestri, 2678; Africa or. *Thysanura* 4 spp. n.

Silvestri, 2681; *Thysanura* 8 spp. n., gen. n.

Silvestri, 2687; Trop. Africa, 6 genn. n. et spp. n.

Silvestri, 2695; Kilimandjaro *Thysanura* list, 2 spp. n.

Wahlgren, 3017; Kilimandjaro-Meru, *Collembola* list, 6 spp. n.

Madagascar and Mascarene Islands.

Coleoptera.

Arrow, 53; *Lonchotus* 2 spp. n.

Bourgeois, 272; Comores & Madagascar *Xylobanus* 3 spp. n.

Hagedorn, 1176; Mauritius *Xyleborus* 2 spp. n.

Horn, 1296; *Pogonostoma* sp. n.

Pic, 2151; Madagascar *Mastilius* sp. n.

Pic, 2179; *Cephalodendron* sp. n.

Schmidt, 2525; 2 spp. n., *Saprosites* & *Euparia*.

Schwarz, 2611; *Elateridae* 8 spp. n., *Lacon* & *Centrostethus*.

Sicard, 2658; *Coccinellidae* 33 spp. n.

Hymenoptera.

Cameron, 397a; Seychelles groups 18 spp. n. *Halictus*, *Megachile*, *Odynerus*, *Trypoxylon*, *Notogonia*, *Ecthromorpha*, *Megagathis*, *Camplocentrus*, *Braunsia*, gen. n. *Alyssiinae*, *Hackeria* & *Stilbula*.

Enderlein, 770; *Stantonia* sp. n.

Forel, 870a; Seychelles group *Formicidae*.

Kieffer, 1478; gen. n. *Stephanidae*.

Mocsáry, 1912; Chrysididen von Madagaskar, den Comoren und Ostafrika *Chrysidae* 4 spp. n.

Turner, 2944; *Plesia* sp. n.

Lepidoptera.

Bastelberger, 120; *Emmiltis* sp. n.

Hampson, 1182; Madagascar, Comoroislds. Mauritius, Seychelles, Aldabra, Assumption. & Gloriosa, 15 spp. n.

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Hampson, 1186; *Acronyctinae* 1 sp. n.
Meyrick, 1895; Reunion *Opogona* sp. n.

Trichoptera.

Ulmer, 2962; *Leptocerus* sp. n.

Neuroptera.

Navás, 1977; *Nothochrysa* sp. n. & *Creagris* sp. n.

Weele, 3078; *Ascalaphidae* 4 spp. n., genn. n.

Diptera.

D'Emmerez, 631; Mauritius *Culex* 3 spp. n.

Ricardo, 2371; *Tabanus* sp. n.

Speiser, 2761; Diptera pupipara der madagassisch-maskarenischen Region 3 spp. n.

Hemiptera.

Green, 1101; Seychelles groups *Coccidae* 4 spp. n., *Pulvinaria*, *Ceroplastes* & *Mytilaspis*.

Distant, 664; Madagascar & Comoroislands, *Cercopidae* 2 genn. n. *Triecphora* sp. n.

Montandon, 1929; *Geocoris* sp. n.

Newstead, 2006; *Lecanium* sp. n., *Alcurodes* sp. n.

Reuter, 2342; *Gorpis* sp. n.

Reuter, 2359; Mauritius *Capsidae* gen. n., Madagascar *Pocilloscytus* sp. n.

Psocidae.

Enderlein, 777; Madagaskar & Comoren 6 spp. n.

Odonata.

Laidlaw, 1615; Seychelles group, list 14 spp.

Martin, 1797; gen. n. *Corduliinae*.

Orthoptera.

Bolivar, 243; gen. n. *Acridiidae*.

Brunner & Redtenbacher, 339; Madagascar, Reunion, Mauritius, *Phasmidae*, general work, spp. n.

Burr, 368; Nossi-Bé *Brachylabis* sp. n.

Carl, 424; n. gen. *Conocephalides*.

Finot, 837; gen. n. aff. *Carsulae*.

Semenov-Tian-Shansky, 2635; *Auchenomus* sp. n.

Shelford, 2651; n. gen. *Phyllodromiinae*.

Asia, Tropical & Eastern,

Including Japan, Biluchistan, Afghanistan.

For West & Centr. Asia *vide* Palaearctic (h.); for North Asia including Saghalin *vide* Palaearctic (c.)

Insecta, collectively.

Kieffer, 1474; India, Cecidomyiidae 10 spp. n., *Thysanoptera* gen. n., *Cecidotrioza* sp. n., *Pemphigus* sp. n., *Leachia* sp. n.

Meade-Waldo, 1819; Account of cruise, Ceylon etc.

Coleoptera.

Arrow, 53; *Dynastidae* numerous spp. n.

Arrow, 54; India *Oniticellus* 4 spp. n.

Arrow, 55; India, Tonkin & China *Mimela* 10 spp. n.

Bernhauer, 170; *Staphylinidae* 32 spp. n.

Bourgeois, 272; India *Lyropaeus* sp. n.

Fauvel, 800; *Perigona* sp. n.

Fleutiaux, 856; Tonkin 2 spp. n., *Adelocera* & *Hypnoidus*.

Gestro, 1032; Travancore & Yunnan 5 spp. n., *Anisodera*, *Paradownesia*, *Dactylispa*.

Grouvelle, 1146; Burma *Colobicus* sp. n.

Grouvelle, 1147; région indienne *Rhysodidae*, *Trogositidae*, *Nitidulidae*, *Colydiidae* & *Cucujidae*, many spp. n., genn. n.

Hagedorn, 1176; India *Xyleborus* sp. n.

Heller, 1218; India & Tonkin *Curculionidae* 20 spp. n.

Horn, 1295; North China, *Cicindela* sp. n.

Horn, 1297; Yunnan *Heptodonta* sp. n.

Horn, 1302; India *Cicindela* 3 spp. n.

Horn, 1303; India *Cicindela* sp. n.

Jacobson, 1356; Chinese Central Asia, Jacoby, 1361; India, Burma & Ceylon *Chrysomelidae* many spp. n.

Kerremans, 1457; Siam & Cochinchina, 2 spp. n., *Philocteanus* & *Evides*.

Kolbe, Obst und Weise, 1548; China 5 spp. n., *Cetonia*, *Anatolica*, *Trigonoscelis*, *Crosita*, & gen. n. aff. *Leucochromi*.

Kuhnt, 1600; Tonkin 5 spp. n. *Micrencaustes*, *Encaustes* & *Tritoma*.

Léveillé, 1659; Bengal *Melambia* sp. n.

Lewis, 1660; Japan, India, Malacca etc. *Histeridae* 5 spp. n.

Moser, 1950; Malacca *Dasyvalgus* sp. n.

Moser, 1951; Yunnan *Hybovalgus* sp. n.

Moser, 1952; Tonkin *Melolonthidae* 22 spp. n., *Autoserica*, *Cephaloserica*, *Neoserica*, *Pachyserica*, *Apogonia*, *Lepidiotia*, *Asactopholis*, *Cyphochilus*, *Holotrichia*, *Brahmina*.

Moser, 1953; Yunnan, China, Laos, 4 spp. n., *Cyphochilus*, *Holotrichia*, *Brahmina*.

Niisima, 2025; Japanische Borkenkäfer.

Niisima, 2026; Japan *Cryphalus* 2 spp. n.

Ohaus, 2054; Hong-Kong and Tonkin *Spilopopillia* 2 spp. n.

Ohaus, 2057; Tonkin & Sikkim, *Mimela* 2 spp. n.

Olivier, 2064; India & Ceylon *Diaphanes* 2 spp. n.

Olivier, 2067; Japan & Tonkin *Ototreta* 2 spp. n.

Paiva, 2091; India *Chrysomelidae* omitted species.

Pic, 2152; Burma *Hedobia* sp. n.

Pic, 2155; Coléoptères d'Asie et d'Afrique.

Pic, 2156; Yunnan *Pyrochroa* 2 spp. n.

Pic, 2159; Yunnan *Idgia* sp. n.

Pic, 2162; India 4 spp. n., *Attalus*, *Stenothemus*, *Pyrochroa* & *Oncomera*.

Pic, 2163; Yunnan *Notoxus* sp. n.

Pic, 2176; India, Tonkin, China, 13 spp. n. *Cistelomorpha* & *Cteniopus*.

Pic, 2178; Yunnan *Pseudolichas* sp. n.

Pic, 2179; Yunnan *Macrosiagon* sp. n., *Clytus* sp. n., Tonkin *Anthicus* sp. n.

Portevin, 2233; Japan *Eucinetus* sp. n.

Pic, 2185; Asia trop. *Malacodermidae* 7 spp. n.

Raffray, 2275; India *Pselaphidae* 8 spp. n.

Reitter, 2310; Afghanistan *Pogonus* sp. n.

Reitter, 2312; West Himalaya, *Laena* 6 spp. n.

Roeschke, 2388; China *Coptolabrus* sp. n.

Rost, 2408; Japan *Carabus* sp. n.

Schenkling, 2500; Nilgiri hills, *Tillicera* sp. n.

Schenkling, 2501; India, 4 spp. n., *Cymatodera* & *Cladiscus*.

Schenkling, 2503; India *Enoplium* sp. n., Yunnan *Allochotes* sp. n.

Schenkling, 2504; India *Callimerus* 2 spp. n.

Schmidt, 2523; India 9 spp. n., *Aphodius* & *Oxyomus*.

Schmidt, 2525; Hinterindien *Aphodius* sp. n.

Schubert, 2565; West-Himalaya *Staphylinidae* 19 spp. n.

Semenow, 2633; India *Purpuricenus* sp. n.

Stebbing, 2774; Assam, *Scolytidae* 5 spp. n., *Thanasimus* sp. n.

Stebbing, 2775; India *Scolytidae* 10 spp. n.

Strohmeyer, 2820; Himalaya & Japan *Scolytidae* 4 spp. n.

Strohmeyer, 2821; Kashmir 2 spp. n., *Dryocoetes* & *Scolytoplatypus*.

Thery, 2879; Liou-Kiou islds. *Chalcophora* sp. n.

Weise, 3091; India 15 spp. n., *Callispa*, *Gonophora* & *Coccinellidae*.

Zaitzev, 3185; Chinese Turkestan & Tibet 7 spp. n., *Dytiscidae* & *Hydrophilidae*.

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Hymenoptera.

Tibet *vide etiam* Centr. Asia.

André, 40; Formosa *Mutilla* sp. n.

Bingham, 206; India "new forms."

Cameron, 400; Bombay *Apidae* 20 spp. n.

Cameron, 399; Bombay *Aculeata* 20 spp. n.

Cameron, 408; Sikkim *Pseudagenice* sp. n.

Cameron, 410; India *Megachile* sp. n.

Cameron, 422; Himalaya *Ichneumonidae* 9 spp. n.

Cockerell, 506; India *Ceratina* sp. n. *Xylocopa valga*.

Enderlein, 772; Singapore *Cyano-deres* sp. n.

Forel, 874; China *Formicidae*.

Forel, 875; Ceylon 4 spp. n., *Polyrhachis*, *Pseudolasius* and *Camponotus*.

Friese, 911; China *Anthophora* sp. n.

Friese, 912; Malay penins. *Trigona* sp. n.

Kieffer, 1470; India *Hadronotus* sp. n.

Kieffer, 1475; India *Proctotrypidae* 7 spp. n., Ceylon *Propriocera* sp. n.

Kieffer, 1476; Bengal 2 spp. n., *Neuroterus* and *Sapholytus*.

Kieffer, 1478; India and Burma, *Hadronotus* sp. n., gen. n. near *Tele-nomus*.

Kohl, 1542; S. China *Polistes* sp. n.

Konow, 1556; Tibet *Tenthredinidae* 5 spp. n.

Konow, 1577; Sikkim *Tenthredinidae* 10 spp. n.

Konow, 1560; Burma *Stromboceros* 2 spp. n.

Konow, 1562; China *Tenthrediniden*.

Kuroiwa, 1607; List of the Hymenoptera in Loochoo determined by Dr. S. Matsumura: (11 families 55 species are mentioned).

Schulthess, 2570; China *Vespidae*.

Schulthess-Rechberg, 2571; Japan, *Eumenidae* 3 spp. n.

Turner, 2944; Burma, Tenasserim and China 4 spp. n., *Myzine* and *Plesia*.

Turner, 2945; Selangor *Tiphia* sp. n.
Vogt, 2992; China *Bombus* sp. n.

Lepidoptera.

Adamson, 13; Burma, *Rhopal.*, *Papil.*, *Lycaen.*, *Hesp.*, Annotated list.

Bastelberger, 120; Perak *Emmiltis* sp. n.

Bastelberger, 123; Perak *Chryso-craspeda* sp. n.

Chapman, 460; India *Lycaenidae* gen. n.

de Rhé-Philipe, 643; Kon Kau butterflies.

de Rhé-Philipe, 644; Bhutan Frontier *Ciaraxes* sp. n.

Fruhstorfer, 919; Formosa *Lethe* sp. n.

Fruhstorfer, 936; Formosa 2 spp. n., *Mycalesis* and *Blanida*.

Fruhstorfer, 938; China *Calinaga* sp. n.

Hampson, 1183; India *Pyralidae* 38 spp. n.

Hampson, 1184; India, part xi *Pyralidae*, 19 spp. n.

Hampson, 1186; 30 spp. n. *Acronyctinae* general work.

Jordan, 1416; Hainan, *Mimeusemia* sp. n.

Matsumura, 1805; Japans *Papilioniden* 4 spp. n.

Matsumura, 1806; Formosa *Neptis* sp. n.

Meyrick, 1891; India & Ceylon *Gelechiidae* 56 spp. n.

Meyrick, 1892; India & Ceylon *Tortricidae* 32 spp. n. & *Xyloryctidae* 32 spp. n., genn. n.

Meyrick, 1893; India & Ceylon *Elachistidae* & *Gracilariidae* 65 spp. n.

Meyrick, 1894; India *Anarsia* sp. n.

Meyrick, 1896; India & Burma *Microlepidoptera* 11 spp. n.

Oberthür, 2037; W. China & Tibet 6 spp. n. *Neptis*, *Lycaena*, *Thecla* & *Carterocephalus*.

Oberthür, 2047; Formosa *Calinaga* sp. n.

Prout, 2257; Japan *Operophtera* sp. n., Tientsin *Semiothisa* sp. n. & *Stegania* sp. n.

Rothschild, 2422; Kashmir, Andaman islds., Malay penins., China, Loo Choo islds., Formosa, etc., *Papilio* 1 sp. n., & subspp. n.

Sasaki, 2472; Japan *Phassus* sp. n.

Seitz, 2629; *Zygaenidae* 22 spp. n., genn. n.

Swinhoe, 2852; Quetta gen. n. *Satyridae*, Khasia hills gen. n. *Sphingidae* *Syntomis* sp. n., *Nyctipao* sp. n., Burma *Dysphania* sp. n., Formosa *Deilemera* sp. n.

Warren, 3050; India & Burma, Malay penins., *Thyrididae* 11 spp. n.

Trichoptera.

Ulmer, 2961; Japanische, 7 spp. n.

Ulmer, 2962; 3 spp. n., Tonkin & Moupin *Hydromanicus*, Japan *Hydropsyche*.

Neuroptera.

Miyake, 1908; list of *Panorpidae* of Japan 10 spp. n.

Navás, 1977; Trop. Asia incl. Japan & Tibet, 13 spp. n., *Chrysopa*, *Nothochrysa*, *Micromus*, *Panorpa*.

Weele, 3078; India, Siam, Kashmir, *Ascalaphidae* 6 spp. n.

Diptera.

Annandale & Brunetti, 47; Calcutta *Phlebotomus* sp. n.

Bezzi, 185; Japan *Rhagio* sp. n.

Bezzi, 186; Malacca *Asarcina* sp. n.

Brunetti, 336; India & Burma *Syrphidae* 38 spp. n.

Brunetti, 338; Indian *Psychodidae* 14 spp. n.

Grünberg, 1154; China.

Hendel, 1221; Tonkin gen. n. *Pyrgotinae*.

Kertész, 1462; China *Fucellia* 2 spp. n.

Legendre, 1637; Étude comparée des *Culicides* de Tchentou (Chine).

Meijere, 1823; India and Ceylon *Syrphidae* 2 spp. n., gen. n.

Picard, 2187; Bengal *Stomoxys* 2 spp. n.

Ricardo, 2370; Annam *Haematopota* sp. n.

Scott, 2613; Formosa *Nycteribiidae* 2 spp. n.

Speiser, 2758; Annam *Stomoxys* sp. n.

Theobald, 2877; India *Culicidae* 9 spp. n.

Aphaniptera.

Rothschild, 2417; Ceylon *Pygiopsylla* sp. n.

Rothschild, 2418; Japan *Ceratomyllus* 2 spp. n.

Hemiptera, collectively.

Distant, 668; India Burma & Ceylon, *Jassinæ* & *Heteroptera* supplement: many spp. n.

Kirkaldy, 1489; Ceylon 5 spp. n., *Orthoeca*, *Lethacus*, *Cysteochila*, *Colobesthes*, *Phaconeura*.

Heteroptera.

Bergroth, 153; India 5 spp. n., *Syeanus*, *Sphedanolestes*, *Edocla*, *Myodochidae* gen. n.

Horváth, 1306; Formosa *Phaenacantha* sp. n.

Kirkaldy, 1492; India *Micronecta* list, sp. n.

Kirkaldy, 1494; Yunnan *Urolabidae* gen. n., India *Gerridae* sp. n.

Kuhlgatz, 1598; China.

Montandon, 1925; India 3 spp. n., *Diaphorocoris* & *Heleocoris*.

Homoptera.

Distant, 668; Malay penins. *Cercopidae* & *Jassidae* 6 spp. n.

Kuwayama, 1610; Japan 36 spp. n., 5 genn. n.

Sasaki, 2473; Japan *Trioza* sp. n.

Schmidt, 2529; Annam & Malacca *Ancyra* 2 spp. n.

Coccidae.

Green, 1103; India Catalogue of *Coccidae*, 18 spp. n.

Kotinsky, 1565; Singapore 2 spp. n., *Coccus* & *Chrysomphalus*.

Marlatt, 1787; China & India *Diaspinæ* 6 spp. n.

Maxwell-Lefroy, 1812; Notes on Indian *Coccidae*.

Okajima, 2060; Japan *Trichosiphum* 3 spp. n.

Thysanoptera.

Bagnall, 85; Siam & Japan 2 spp. n., *Idolothrips* & gen. n.

Niwa, 2028; Japan *Belothrips* sp. n.

Psocidae.

Enderlein, 773; Formosa, Copeognathenfauna 11 spp. n.

Okamoto, 2061; Japan 15 spp. n.

Ribaga, 2367; Burma *Amphigerontia* sp. n.

Perlidae.

Klapálek, 1509; China 2 spp. n.

Odonata.

Foerster, 861; Malacca *Caliaeschna* sp. n.

Martin, 1797; Tonkin *Macromia* 2 spp. n.

Martin, 1798; Japan & India *Aeschna* 2 spp. n., Tonkin gen. n. *Aeschninae*.

Orthoptera.

Adelung, 14; Tibet, Chinese Turkestan.

Brunner & Redtenbacher, 339; *Phasmidae* general work, spp. n.

Burr, 367; Ceylon *Apachys* sp. n.

Burr, 368; Burma *Brachylabis* sp. n.

Burr, 374; China *Odontopsalis* sp. n.

Carl & Fritze, 425; Ceylon gen. n. *Mecopodidae*.

Dreckmann, 702; *Callimenellus opacus* Khandalla.

Griffini, 1111; Birma *Gryllacris* sp. n.

Karny, 1441; Dictyoptera, Tettigonoidea, Acridoidea 11 spp. n. gen. n.

Kirby, 1485; Siam *Diastrammena* sp. n.

Matsumura & Shiraki, 1807; Japan *Locustidae* 23 spp. n., 3 genn. n.

Semenov-Tian-Shansky, 2635; *Forficulidae* 4 spp. n., 2 genn. n.

Shelford, 2646; Ceylon, Tonkin, *Blattidae* 3 spp. n.

Shelford, 2650; Ceylon *Pelmatosilpha* sp. n.

Thysanura & Collembola.

Börner, 230; Japan *Collembola* gen. n.

Asiatic Archipelago.

Java to New Guinea, incl. Philippines.

Coleoptera.

Aurivillius, 62; New Guinea *Longicornia* 4 spp. n.

Aurivillius, 63; New Guinea, *Cerambycidae* 7 spp. n., gen. n.

Eggers, 752; Java 3 spp. n. *Stephanoderes & Coccotrypes*.

Fauvel, 800; *Perigona* 2 spp. n.

Gestro, 1032; Java *Dactylispa* 2 spp. n., Sumatra *Gonophora* sp. n.

Grouvelle, 1144; Java *Litargus* sp. n.

Grouvelle, 1146; Sumatra & Moluccas *Colobicus* 4 spp. n.

Grouvelle, 1149; Sumatra *Ithyphenes* sp. n.

Hagedorn, 1176; Sumatra *Scolytidae* 6 spp. n., 2 gen. n.

Heller, 1217; *Curculionidae* 28 spp. n.

Heller, 1218; Borneo & Sumatra *Curculionidae* 26 spp. n.

Horn, 1301; Philippines *Prothyma* sp. n.

Jordan, 1418; New Guinea *Litocerus* sp. n.

Kerremans, 1455; New Guinea *Buprestidae* short list.

Kerremans, 1457; Celebes *Callopiustus* sp. n.

Lewis, 1660; Sumatra & Manila *Tribalus* 2 spp. n.

Lewis, 1662; New Guinea, short list.

Maindron, 1758; Nouvelle Guinée *Carabidae* 6 spp. n., gen. n.

Moser, 1950; Borneo, Nias, New Guinea, 6 spp. n. *Lomaptera, Ischio-*

psopha, n. gen. aff. *Glycyphanae, Glycyphana*.

Moser, 1951; Borneo & Java *Cetoniidae* 5 spp. n., *Anthracophora, Dasyvalgus, Euryvalgus* gen. n.

Moser, 1953; Borneo, Sumatra & Moa isld. 7 spp. n., *Leucopholis Asactopholis, Poecilopharis, Dasyvalgus*.

Ohaus, 2057; *Mimela* 5 spp. n.

Olivier, 2067; Sumatra & Nias *Ototreta* 4 spp. n.

Olivier, 2069; Sumatra *Luciola* sp. n.

Pic, 2152; Java *Maheoptinus* sp. n.

Pic, 2153; Luzon *Formicomus* sp. n.

Pic, 2176; Java, Sumatra, Borneo, Philippines, *Cistelomorpha* 5 spp. n., *Cteniopus* sp. n.

Raffray, 2277; Sumatra *Batraxis* sp. n.

Ritsema, 2380; Borneo *Phemone* sp. n.

Schenkling, 2501; Borneo *Cladiscus* sp. n., Mindoro *Tillus* sp. n.

Schenkling, 2503; Borneo *Tenerus* sp. n.

Schultze, 2595; Philippines *Gibbium scotias*.

Sternberg, 2791; Fergusson isld. *Scapanes* sp. n.

Strohmeyer, 2820; Sumatra *Acanthotomicus* sp. n.

Weise, 3067; Philippine Islands *Cassididae* 2 spp. n.

Weise, 3091; Borneo *Solanophila* sp. n., Sumatra *Sticholotis* sp. n.

Weise, 3093; *Coccinellidae* Java 3 spp. n., New Guinea list.

Théry, 2879; Amboina, Celebes, New Guinea, Roma isld., *Halmaheira* spp. n., *Iridotaenia & Cyphogastra*.

Weise, 3094; Catalogue of the New Guinea *Chrysomelidae*, 18 spp. n.

Wurth, 3168; Java *Xyleborus* sp. n.

Strepsiptera.

Meijere, 1822; Java *Strepsipteren* 2 spp. n.

Hymenoptera.

Bradley, 283; Java *Evania* sp. n., *Zeuxevania* sp. n.

- Cameron, 401; Borneo *Chalcididae* 2 gen. n.
- Cameron, 402; Borneo, 5 spp. n., *Odynerus* & *Icaria*.
- Cameron, 403; Borneo 2 spp. n., *Prosopis* & *Ceratina*.
- Cameron, 404; Borneo *Psilosema* sp. n.
- Cameron, 406; Borneo *Braconidae* 11 spp. n.
- Cameron, 407; Borneo *Tremex* sp. n.
- Cameron, 409; Borneo *Chrysididae* 2 spp. n.
- Cameron, 409a; Borneo 2 gen. n. *Xoridini*.
- Cameron, 411; Borneo *Selandria* sp. n.
- Cameron, 412; Borneo *Chalcididae* 2 gen. n.
- Cameron, 413; Borneo *Trigona* 5 spp. n.
- Cameron, 414; Borneo *Evania* 2 spp. n.
- Cameron, 415; Borneo 3 spp. n., *Crabro* & *Psen*.
- Cameron, 416; Borneo *Ceratina* sp. n.
- Cameron, 417; Borneo *Cryptinae* gen. n.
- Cameron, 418; Borneo *Braconidae* gen. n.
- Cameron, 419; Borneo gen. n. parasitic *Cynipidae*.
- Du Buysson, 386; Java 2 spp. n., *Icaria* & *Chrysis*.
- Enderlein, 770; Sumatra *Stantonia* sp. n.
- Friese, 912; New Guinea 3 spp. n., *Megachile* & *Trigona*, Borneo *Trigona* sp. n.
- Kieffer, 1471; Java 2 spp. n., *Spilomicrus* & *Dicroteleia*.
- Kieffer, 1475; New Guinea *Hemilexis* sp. n. & *Loxotropa* sp. n.
- Kieffer, 1478; New Guinea, *Allobethylus* sp. n.
- Kohl, 1541; Java *Crabro* (*Dasyproctus*) sp. n.
- Kohl, 1542; New Guinea.
- Konow, 1560; Philippines & Borneo *Stromboceros* 2 spp. n.
- Schultze, 2594; Philippines *Sirex juvenicus*.
- Szépligeti, 2856; Celebes *Chelonus* sp. n.
- Szépligeti, 2857; Java, *Evania* 7 spp. n., *Braconidae* 25 spp. n., *Ichneumonidae* 38 spp. n.
- Turner, 2946; Philippines *Thynnus* sp. n.
- Lepidoptera.*
- Bastelberger, 114; Java *Ophthalmophora* sp. n.
- Bastelberger, 117; Borneo *Patruissa* sp. n., Celebes *Visitara* sp. n., New Guinea *Arycanda* sp. n.
- Bastelberger, 120; Ferguson isld. *Perixera* sp. n.
- Bethune-Baker, 177; New Guinea *Lycaenidae* 21 spp. n.
- Bethune-Baker, 178; Brit. New Guinea, 227 spp. n., *Bombyces* (incl. *Chalcosiidae*) & *Noctuidae*.
- Fruhstorfer, 957; Obi & Fergusson isld. *Pseudonotis* 2 spp. n.
- Fruhstorfer, 967; Palawan *Bimbisara* sp. n.
- Fruhstorfer, 968; Neue indo-australische *Mycalesis* mit Verbreitungstabellen.
- Grose-Smith, 1132; New Guinea *Papilio* nov., *Parnassius* nov.
- Hampson, 1186; 10 spp. n. *Acronyctinae* general work.
- Jordan, 1416; New Guinea *Eurhodia* sp. n.
- Martin, 1792; Fauna v. Sumatra.
- Meyrick, 1896; Borneo *Atteva* sp. n.
- Rothschild, 2422; *Papilio* many sub-spp. n.
- Schultze, 2592; Philippine Islands spp. n., *Elymnias*, *Adixoa*, *Ceryx*, *Arbelidae* gen. n., *Deilemera*, *Remigia*, gen. n. aff. *Crithote*, *Milionia*, *Scirpophaga*, *Vitessa*, *Pyrausta*, *Psecadia*.
- Seitz, 2629; *Zygaenidae* 30 spp. n., gen. n.
- Snellen, 2736; Java *Batrachedra* sp. n.
- Swinhoe, 2852; 7 spp. n., *Cyrestis*, *Isbarta*, *Pompelon*, *Dasychira*, *Thalassodes*, *Dysphania* & *Pareumelea*.
- Warren, 3050; *Thyrididae* 13 spp. n.

Trichoptera.

Ulmer, 2962; Java *Hydropsychodes* sp. n., Borneo *Dipseudopsis* 2 spp. n., Fergusson isld. *Anisocentropus* sp. n.

Neuroptera.

Weele, 3078; *Ascalaphidae* 4 spp. n., genn. n.

Diptera.

Bezzi, 186; N. Guinea *Asarcina* sp. n.

Hendel, 1221; Buru & New Guinea, 2 spp. n., *Eupyrgota* & *Campylocera*.

Kertész, 1461; New Guinea 5 spp. n., *Acraspidea* & *Salduba*.

Loghem und Loghem-Pouw, 1684; *Stegomyia calopus* in Niederländisch Ost-Indien (Holländisch).

Ludlow, 1710; Philippines *Culicidae* 4 spp. n., *Cellia*, *Chagasia*, *Pseudoskusea*, *Pseudowranotaenia*.

Ludlow, 1711; The mosquitos of the Philippine islands.

Meijere, 1821; Java, Sumatra & New Guinea *Muscidae acalyptr.* 31 spp. n.

Meijere, 1823; *Syrphidae* 43 spp. n.

Aphaniptera.

Jordan & Rothschild, 1419; Christmas isld. Java *Laemopsylla* sp. n.

Loghem, 1685; *Pulex cheopis*, Deli (Holländisch).

Rothschild, 2417; New Guinea *Pygiopsylla* 2 spp. n.

Hemiptera, collectively.

Distant, 668; *Elasmognathus* sp. n., *Sadoletus* sp. n., *Dinomachus* sp. n., *Cercopridae* & *Jassidae* numerous spp. n.

Heteroptera.

Bredden, 293; Sumatra *Dieuches* sp. n.

Horváth, 1306; New Guinea *Hyginus* 2 spp. n.

Reuter, 2342; New Guinea, *Reduviolus* sp. n.

Reuter, 2345; Sumatra *Velocipeda* sp. n.

Homoptera.

Bierman, 203; Java 7 spp. n., *Oliarius*, *Catullia*, *Orchesma*, *Liburnia*, *Idiocerus* & *Thamnotettix*.

Schmidt, 2530; Sumatra *Fulgora* sp. n.

Schmidt, 2531; *Cercopidae* 7 spp. n., gen. n.

Schmidt, 2532; Borneo *Flatosoma* sp. n.

Schmidt, 2533; Sumatra *Messena* sp. n.

Coccidae.

Marlatt, 1780; Java, *Pseudaonidia* sp. n.

Newstead, 2003; Java 4 spp. n., *Aulacaspis*, *Fiorinia* & *Dactylopius*.

Thysanoptera.

Bagnall, 82; Papua, 4 spp. n.

Bagnall, 85; Sumatra, New Guinea, 5 spp. n., genn. n.

Psocidae.

Ribaga, 2366; Java n. gen. *Psocidae*.

Ribaga, 2367; New Guinea *Myopsocus* sp. n.

Odonata.

Foerster, 861; New Guinea *Aeschnidae* gen. n.

Martin, 1797; Celebes *Procordulia* gen. n.

Martin, 1798; New Guinea *Anaciaeschna* sp. n.

Orthoptera.

Brunner & Redtenbacher, 339; *Phasmodae* general work, spp. n.

Burr, 365; Celebes *Nesogaster* sp. n.

Burr, 366; Java *Forcipula* sp. n.

Burr, 373; Java 2 spp. n., *Pygidicerana* & *Labia*.

Carl, 424; Java *Plisis* sp. n., Lombok *Xestophrys* sp. n.

Carl & Fritsche, 425; Borneo *Locustidae* 4 spp. n. *Psyra* & *Gryllacris*, *Conocephalidae* gen. n.

Griffini, 1112; Sumatra *Gryllacris* sp. n.

Griffini, 1113; Mentawai *Rhaphidophora* sp. n., Ternate *Phrictaetyphus* sp. n., New Guinea *Mossula* sp. n.

Griffini, 1114; Philippines *Eremus* sp. n.

Griffini, 1115; Timor *Gryllacris* sp. n.

Griffini, 1116; N. Guinea *Gryllacris* 2 spp. n.

Griffini, 1118; Mentawai. Engano, N. Guinea, *Agraeiinae* 4 spp. n., genn. n.

Griffini, 1121; Key isld. *Sasima* sp. n.

Griffini, 1123; Mentawai, Engano, *Agroeciinae*, 3 genn. n.

Shelford, 2646; Borneo gen. n. *Blattinae*.

Shelford, 2647; New Guinea *Blattidae* 2 spp. n., *Methana* & *Salganea*.

Shelford, 2650; Sumatra *Polyphaga* sp. n.

Australia.

Insecta, collectively.

Simmonds, *Entomologist* 41 pp. 28-31; North Queensland collecting trip.

Coleoptera.

Arrow, 53; *Dynastidae* 2 genn. n., *Eupatorus* sp. n.

Bernhauer, 171; *Staphylinidae* 11 spp. n.

Borchmann, 247; *Alleculidae* Südwest-Australiens 5 spp. n.

Carter, 434; *Adelium* 7 spp. n.

Carter, 435; *Buprestidae* 5 spp. n., *Tenebrionidae* 16 spp. n.

Gebien, 1016; *Tenebrionidae* Fauna Südwest-Australiens 18 spp. n.

Grouvelle, 1150; *Oxylaemus* sp. n.

Hagedorn, 1176; *Xyleborus* sp. n.

Hintz, 1264; *Phlogistus* 9 spp. n.

Jacoby, 1359; Swan river & Tasmania *Eumolpini* 2 genn. n.

Kerremans, 1453; *Stigmodera* 2 spp. n.

Lea, 1631; *Curculionidae* 38 spp. n.

Moser, 1953; 2 spp. n. *Chariochilus* & *Cliethria*.

Régimbart, 2295; 7 spp. n., *Macroporus*, *Paroster*, *Rhantus*, *Hydrobius*, *Helochares*, *Philydrus*.

Schenkling, 2503; *Pelonium* sp. n.

Thery, 2879; *Cyphogastra* sp. n.

Weise, 3092; *Chrysomelidae* 8 spp. n., *Coccinellidae* 1 sp. n.

Hymenoptera.

Bradley, 283; gen. n. *Evanidae*.

Friese, 912; Cairns *Megachile* sp. n.

Kieffer, 1475; spp. n.; *Evania*, *Gasteruption*, *Scelio*, gen. n. *Diapriidae*.

Kieffer, 1478; W. Australia *Gasteruption* sp. n.

Perkins, 2125; *Apidae* 2 genn. n., *Eumenidae* 2 genn. n., *Dryiniidae* gen. n.

Konow, 1559; *Pteryophorus* sp. n.

Schulz, 2597; Fossores Südwest-Australiens 6 spp. n.

Szépliget, 2856; *Braconidae* gen. n.

Szépliget, 2859; *Braconidae* und *Ichneumonidae* Südwest - Australiens 9 spp. n.

Turner, 2946; Lake Eyre *Thynnus* sp. n., Adelaide river *Eirone* sp. n., Sydney *Anthobosca* sp. n.

Turner, 2947; Queensland, *Paragia* sp. n., *Eumenidae* gen. n.

Turner, 2948; *Thynnidae* 76 spp. n.

Lepidoptera.

Bastelberger, 119; Queensland *Abraxas* sp. n.

Bastelberger, 120; Cape York *Problepsis* sp. n.

Bastelberger, 123; *Epirrhoe* sp. n.

Fruhstorfer, 968; Neue indo-australische *Mycalesis*.

Hampson, 1184; *Crambus* sp. n.

Hampson, 1186; *Acronyctinae* general work, 2 spp. n.

Turner, 2937; *Geometridae* new and notes on other species.

Warren, 3050; *Brixia* sp. n.

Trichoptera.

Ulmer, 2964; *Trichopteridae* 4 spp. n.

Neuroptera.

Weele, 3078; *Ascalaphidae* gen. n.

Diptera.

Bancroft, 95; Queensland *Culicidae* descriptive list.

Hendel, 1221; *Toxura* 2 spp. n.

Meijere, 1823; *Eristalis*, *Graptomyza*.

Aphaniptera.

Rothschild, 2417; 4 spp. n., *Pygiopsylla* & *Stephanocircus*.

Hemiptera.

Distant, 666; *Jassidae* 12 spp. n., *Idiocerus*, *Bythoscopus*, *Eurymela*, *Eurymeloides*, *Penthimia*.

Kirkaldy, 1504; East Australia 25 spp. n.

Kirkaldy, 1506; Memoir on a few Heteroptera from Eastern Australia.

Marlatt, 1787; *Aspidiotus* 2 spp. n.

Schmidt, 2533; Queensland 2 spp. n. *Dardus* & *Yarrana*.

Thysanoptera.

Bagnall, 85; Queensland, *Eurynothrips* gen. n. 2 spp. n.

Ephemeroidea.

Ulmer, 2964; *Baetis* sp. n.

Odonata.

Förster, 860; N. Queensland *Aeschnidae* 2 spp. n.

Tillyard, 2889; South-western Australia 6 spp. n.

Tillyard, 2890 & 2894; Central Australia new species.

Foerster, 863; Queensland *Eusynthemis* 2 spp. n.

Martin, 1797; 2 spp. n., *Hemicordulia* & *Macromia*.

Tillyard, 2891; *Austrogynacantha* gen. n.

Tillyard, 2892; *Nannodythemis* 2 spp. n.

Tillyard, 2893; *Libellulinae* 5 spp. n.

Orthoptera.

Brunner & Redtenbacher, 339; *Phasmodae* general work, spp. n.

Burr, 375; *Gonolabis* 2 spp. n.

Carl, 424; Cape York *Conocephalides* gen. n.

Shelford, 2646; sp. n. *Archiblatta*.

Thysanura & Collembola.

Silvestri, 2697; *Thysanura* 12 spp. n. gen. n.

North America.

Insecta, collectively.

Tucker, 2933; Collecting insects at night.

Linnæus, list of insects described by, which are known to occur in North America; New York Entomological Society, 1680.

Kellogg, 1449; American insects.

Ottawa district, novelties; Ottawa Natural 22 pp. 39-45.

Paxson, 2105; Numerical distribution of some insects.

Pettit, 2133; Michigan, insects new or unusual in.

Needham, 1986; Old Forge 4 spp. n. *Ephemeridae*, 3 spp. n. *Tipulidae*.

Hardenberg, 1190; Wisconsin, cranberry insects.

Gossard, 1085; Notes of the season, Ohio.

Needham, 1984; Aquatic insects of Walnut lake.

Davis, 622; Noteworthy Staten island insects, with additions to the local list.

Staten isld. winter list; Bueno p. 132 Canad. Ento. 40.

Banks, 105; North Carolina, a list of neuropteroid insects from.

Snow, 2738 & 2739; Expeditions to Galveston and Brownsville, Tex.

Tucker, 2934; Contributions towards a catalogue of the insects of Kansas.

†Cockerell, 503; Descriptions of Tertiary insects, 9 spp. n.

†Cockerell, 504; Descriptions of Tertiary insects, 3 spp. n.

†Cockerell, 536; Florissant, a Miocene Pompeii.

†Cockerell, 533; Florissant, Colorado.

†Grinnell, jun., 1126; Quaternary myriopods and insects of California; *Eleodes* spp. n.

Coleoptera.

Burke, 363; *Melanophila* n. sp.

Casey, 436; *Pselaphidae* 32 spp. n.

Casey, 437; Brit. Columbia *Byrrhidae* gen. n.

Casey, 438; *Coccinellidae* 31 spp. n.

- Casey, 439; revision *Coniontinae*.
- Champion, 447; *Barides*, localities, sp. n.
- Chittenden, 469; United States, *Balaninus* 5 spp. n.
- Dury, 724; Ohio *Agrilus* sp. n.
- Fall, 797; 4 spp. n., *Thyce*, *Polyphylla* & *Lachnosterna*.
- Gahan, 990; 2 spp. n., *Cyllene* & *Obrium*.
- Hayward, 1199; U. S., Hudson's bay etc., *Amara* 8 spp. n.
- Houghton, 1311; Delaware, on *Gleditschia triacanthos*.
- Houghton, 1314; St. Lawrence co., N. Y. list.
- Kerremans, 1457; Texas *Halecia* sp. n.
- Knaus, 1528; Kansas and other localities, list of rarities.
- Knaus, 1529-1532; Kansas additions to the list.
- Knaus, 1533; New Mexico.
- Kraus, 1575; United States *Cioidae* 5 spp. n.
- Lantz, 1625; Notes on collecting *Cicindelidae*.
- Leng, 1639; 2 spp. n., *Chilocorus* & *Brumus*.
- Lewis, 1660; *Histeridae* 2 spp. n. *Hister* & *Phelister*.
- Morris, 1946; Ontario, account of collecting.
- Pierce, 2193; *Anthonomini* 10 spp. n., genn. n.
- Poppius, 2224; St. Lawrence Bai *Cryobius* sp. n.
- Schaeffer, 2485; Brownsville and Huachuca mts. *Cerambycidae*.
- Schaeffer, 2486; United States 3 spp. n., *Hister*, *Listrochelus* & *Pyrota*.
- Schaeffer, 2487; Arizona & Texas *Copelatus*.
- Schaeffer, 2488; Arizona *Malacodermidae* 12 spp. n.
- Schaeffer, 2489; Arizona and Texas *Coccinellidae* 3 spp. n., *Cleridae* 12 spp. n.
- Schaeffer, 2490; *Curculionidae* & *Scolytidae*, 18 spp. n.
- Sherman, 2656; North Carolina, *Cicindelidae* and elevations.
- Smyth, 2732; Kansas, Notes on collecting *Cicindelidae*.
- Snow, 2741; New Mexico, list.
- Tucker, 2932; Texas records.
- Webb, 3069; North Carolina *Leptura* sp. n.
- †Wickham, 3135; Florissant fossil *Elateridae*.
- Wolcott, 3155; United States *Hydnocera* 5 spp. n.
- Wolcott, 3156; *Chariessa* sp. n.

Strepsiptera.

Pierce, 2192; 6 spp. n.

Hymenoptera.Banks, 101; Virginia, *Trigonalys* & *Ropronia*.Beutenmuller, 180; Arizona *Aulax* sp. n.Bradley, 283; *Evaniiidae* 17 spp. n.Brues, 326; 3 spp. n. *Loxotropa*, *Mesocrina* & *Aphoereta*.

†Brues, 328; New phytophagous Hymenoptera Tertiary of Florissant, Colorado.

Brues, 329; Massachusetts, *Helormorpha* sp. n.Brues, 331; 8 spp. n., *Bethylidae*, *Proctotrypidae*, *Ichneumonidae*, *Braconidae*.Cameron, 420; Southwest United States *Odynerus* 35 spp. n.Cameron, 421; United States *Ancistrocerus* sp. n., *Fossoria* 10 spp. n., *Ichneumonidae* 7 spp. n.Cockerell, 505; Colorado *Apidae* 6 spp. n.Cockerell, 505; United States *Megachile* 11 spp. n.Cockerell, 506; Colorado *Chelynia* sp. n.Cockerell, 514; United States, *Andrena* sp. n., *Melissodes* sp. n.Cockerell, 520; *Nomada* 2 spp. n. United States.Cockerell, 524; Colorado *Apidae* 3 spp. n., *Osmia*, *Epeolus* & *Sphecodes*.

Cockerell, 529; Colorado & New Mexico 4 spp. n., *Megachile*, *Colletes* & *Panurginus*.

Cockerell, 540; *Halictus* sp. n.

Cockerell, 542; Texas, short list.

Cockerell, 543; Virginia, *Nomada* sp. n.

Cockerell, 544; Colorado & New York, *Nomada* 3 spp. n.

Cockerell and Rohwer, 546; Colorado two new *Mutillidae*.

†**Cockerell, 506**; Florissant *Apidae* 2 genn. n.

†**Cockerell, 508**; Colorado Miocene *Apidae* 2 spp. n.

†**Cockerell, 509**; Colorado *Megachile* sp. n.

Crawford, 582; *Chalcididae* 6 spp. n., *Cerambycobius*, *Eutrichosoma*, *Pteromalini* gen. n., *Catolaccus*.

Crosby, 591; Canada *Syntomaspis* sp. n.

Girault, 1066; *Alaptus* 3 spp. n.

Girault, 1073; *Encarsia versicolor* sp. n. parasite of *Aleyrodes*.

Girault, 1075; Illinois gen. n. *Pteromalidae*.

Girault, 1076; *Mymarinae* & *Aphelininae* 3 spp. n.

Harrington, 1193; Ottawa *Vespoidea*.

Howard, 1317; *Prospaltella* four new species.

Howard, 1320; *Aphelinus* 2 spp. n.

Howard, 1319; n. g. *Chalcididae* attacking tick on Mexican dog.

Howard, 1324; Florida 2 spp. n., *Encarsia* & *Eretmocerus*.

Howard, 1325; Florida *Mymaridae* gen. n.

Johnson & Rohwer, 1408; Colorado *Bembicidae* 2 spp. n.

Kieffer, 1468; *Proctotrypidae* & *Cynipidae*, 32 spp. n.

Kieffer, 1475; California *Zelotypa* sp. n.

Konow, 1559; Alaska etc., 6 spp. n. *Tenthredinidae*.

Lovell, 1696; Southern Maine *Halictus* sp. n.

Macgillivray, 1745; New York & Minnesota *Dolerus* 20 spp. n.

Macgillivray, 1746; United States *Acordulecera* 10 spp. n.

Macgillivray, 1747; *Blennocampinae* 36 spp. n., genn. n.

Macgillivray, 1748; United States *Emphytinae* 6 spp. n.

Macgillivray, 1749; Texas *Blennocampinae* gen. n.

Rohwer, 2390; Colorado *Nematinae* 7 spp. n.

Rohwer, 2391; Colorado *Tenthredinoidea* 7 spp. n.

Rohwer, 2392; United States 6 spp. n. *Cerceris* & *Eucerceris*.

Rohwer, 2394; Colorado *Tachysphex* 3 spp. n.

Rohwer, 2395; Colorado & New Mexico, *Rhopalum* & *Crabro* 10 spp. n.

Rohwer, 2396; Colorado & Nebraska, 4 spp. n., *Belomicrus*, *Crabro* & *Ichneutidea*.

Rohwer, 2401; United States *Tenthredinidae* 16 spp. n.

Rohwer, Ent. News 19 p. 78; Colorado *Pterochilus 5-fasciatus*.

Rohwer & Cockerell, 2403; New Mexico *Oxybelus* 2 spp. n.

†**Rohwer, 2397**; Colorado larriid wasp.

†**Rohwer, 2398**; Florissant shales *Tenthredinoidea* 4 spp. n.

†**Rohwer, 2399**; Florissant, Colo. Tertiary *Tenthredinoidea* 5 spp. n.

†**Rohwer, 2400**; Colorado, Florissant shales *Mellinus* sp. n., a fossil mellinid wasp.

Smith, 2718; Indiana *Mellinus* sp. n.

Smith, 2719; The Sphegoidea of Nebraska 15 spp. n.

Snow, 2740; Arizona list.

Swenk, 2841; *Colletes* 4 spp. n.

Viereck, 2983; United States *Braconidae* & *Ichneumonidae* 94 spp. n.

Wheeler, 3121; *Myrmica levinodis* introduced into Massachusetts.

Wheeler, 3127; Revision of the American *Myrmecocysus*.

Wheeler, 3128; Texas, New Mexico & Arizona, *Formicidae* 22 spp. n.

Wheeler, 3129; Casco bay, Maine, *Formicidae*.

Lepidoptera.

Bastelberger, 123; Texas 2 spp. n., *Tephрина* & *Tephrinopsis*.

Beutenmüller, 181; Manitoba, *Catocala* sp. n.

Biederman, 201; Arizona, new *Anisota*.

Bird, 207; *Papaimema* 4 spp. n.

Braun, 288; *Lithocolletis* 9 spp. n.

Braun, 289; revision of North American *Lithocolletis* 9 spp. n.

Busck, 379; Pennsylvania. *Microlep.* 7 spp. n., *Gnorimoschema*, *Gelechia*, *Borkhausenia*, *Epermenia*, *Batrachedra*, *Elachista*.

Busck, 380; California *Recurvaria* & *Gelechia* 2 spp. n.

Busck, 381; North American *Tineina* 17 spp. n.

Busck, 382; Eastern United States *Brachyloma* 2 spp. n.

Busck, 384; *Occophoridae* revision, 5 spp. n.

Cockerell, 515; Colorado *Sesia* sp. n.

Coolidge, 566; *Rhopalocera* Wright's west coast species annotated.

Coolidge, 568; Santa Clara Co. *Rhopalocera* annotated list.

Coolidge, 569; North American species of the genus *Erebia*.

Coolidge, 570; Western *Lep.*

Coolidge, Ent. News 19 p. 135; northern Colorado *Terias mexicana*.

Cosens, 577; *Stagmatophora* sp. n.

Davis, 621; New Jersey *Pamphila arogos*.

Dod, 684; Alberta annotated list, novelties.

Dod, 685; Laggan, *Argynnis astarte* and other high mountain butterflies.

Dod, 686; Alberta notes.

Dyar, 726; *Gortyna* 6 spp. n.

Dyar, 730; *Acrobasis* 7 spp. n.

Dyar, 731; S. California 15 spp. n., *Phobolisia*, *Animomyia*, *Euxoa*, *Glau-*

cina, *Stenaspilates*, *Deilinia*, *Selidosema*, *Anaploides*, *Xantippe*, *Glaphyria*, *Ambesa*, *Salebria*, *Sarata*, *Valdivia*.

Dyar, 732; North Carolina *Packardia* sp. n.

Dyar, 734; Arizona *Agapema* sp. n.

Dyar, 735; *Chrysauginae* 2 spp. n.

Dyar, 736; review of *Pyralinæ* 5 spp. n.

Dyar, 737; *Pyralidae* 11 spp. n.

Ely, 759; East River, Conn. *Catocala*.

Ely, Ent. News 19 p. 79; *Calpodes ethlius*.

Engel, 780; Pittsburgh list.

Fernald, 826; United States *Argyroploce* sp. n.

Grinnell, 1127; California *Synchloe* sp. n.

Grinnell, 1128; S. California *Pterophoridae* 14 spp. n.

Grossbeck, 1133; Pennsylvania *Plagodis* sp. n.

Grossbeck, 1135; *Geometridae* 17 spp. n.

Grossbeck, 1137; *Geometridae* 7 spp. n.

Haimbach, 1178; *Pyralidae*, 4 spp. n., *Symphysa*, *Blepharomastix* & *Crambus*.

Hampson, 1185; W. N. America, *Noctuidae* list, 3 spp. n., *Protagrotis*, *Miselia*, *Plusia*.

Hampson, 1186; *Acronyctinae* general work, 2 spp. n.

Heath, 1202; Manitoba, novelties.

Kearfott, 1444; North American *Tortricidae* and *Tineina*, 24 spp. n., *Eucosma*, *Cydia*, *Epinotia*, *Enarmonia*, *Tortrix*, *Phalonia*, *Commophila*, *Choreutis*, *Argyresthia*, *Chrysopora*, *Gelechia*, *Coleophora*, *Nepticula*, *Incurvaria*.

Kearfott, 1445; *Crambidae* 19 spp. n.

Kwiat, 1611; Indiana *Helioloncha* sp. n.

Lyman, 1734; Manitoba *Gortyna* sp. n.

Moore, 1931; New Brunswick, list.

Pearsall, 2107; Arizona *Chlorochlamys* sp. n.

Pearsall, 2109; New York *Eupithecia* 2 spp. n.

Pearsall, 2110; Catskill mts. *Eupithecia* 3 spp. n.

Pearsall, 2112; United States *Eupithecia* 5 spp. n.

Plitt, Ent. News 19 pp. 402-404; Baltimore short list.

Porter, 2231; Iowa list.

Rohwer, 2393; Colorado, *Terias mexicana*.

Rowley, 2434; Louisiana Notes on *Catocala*.

Smith, 2722; *Rhynchagrotis* 3 spp. n.

Smith, 2725; *Noctuidae* 18 spp. n.

Smith, 2726; *Noctuidae* 45 spp. n.

Smith, 2727; Canada *Phaeocyma* list.

Smith, 2728; *Phaeocyma* 10 spp. n.

Swett, 2842; United States *Eupithecia* 2 spp. n.

Taylor, 2872; British Columbia novelties, 7 spp. n., *Eupithecia*, *Xanthorhoe*, *Aplodes*, *Sciagraphia*.

Was, Ent. News 19 p. 83; Wisconsin *Erebus odora*.

Williams, 3145; *Eriocrania* sp. n. from the Pacific coast.

Winn p. 16 Canad. Ento. 40; Montreal, *Plusia precatationis*.

Wright and Coolidge, 3163; Placer county, Calif., list.

Wright, 3166; San Diego county, California, annotated list.

Trichoptera.

Banks, 102; United States 12 spp. n.

Banks, 103; Newfoundland 7 spp. n.

Neuroptera.

Banks, 99; California gen. n. *Hemero-biidae*.

Banks, 102; *Planipennia* & *Bittacus* 7 spp. n.

Brimley, 308; Raleigh, N. C. neuropteroids.

†Cockerell, 511; fossil *Chrysopidae*.

†Cockerell, 516; Florissant shales *Osmylus* sp. n.

Navás, 1977; *Chrysopa* sp. n.

Sherman, 2655; North Carolina *Panorpidae*.

Tucker, 2929; Plano, Texas.

Weele, 3078; *Ululodes* sp. n.

Diptera.

Adams, 10; Wisconsin *Crassiseta* sp. n.

Adams, 11; *Mycetophila* 2 spp. n.

Ainslie, 25; Ohio *Campylomyza scutellata*.

Aldrich and Darlington, 31; *Helomyzidae*, 9 spp. n.

Beutenmuller, 179; *Cecidomyia* 6 spp. n.

Bezzi, 196; Sind die *Dasyllis*-Arten ausschliesslich in Amerika zu Heimat?

Brimley and Sherman, 310; *Tabanidae* of North Carolina.

†Brues, 332; Miocene Florissant, Colorado fossil *Phoridae*.

Brues, 334; *Phoridae* 3 spp. n.

Cockerell, 510; Boulder *Cecidomyia* sp. n.

Cockerell, 518; Colorado *Hormomyia* sp. n.

†Cockerell, 528; Colorado Eocene *Blepharoceridae* gen. n.

Cockerell, 534; *Nemestrinidae* 2 spp. n.

Cockerell, 539; The Diptera of Kansas and New Mexico.

†Cockerell, 513; Miocene Florissant 2 spp. n. *Asilidae* & *Leptidae*.

†Cockerell, 535; Colorado *Hirroneura* sp. n.

Coquillett, 575; United States, spp. n., *Dicranomyia*, *Tanypus*, *Chironomus*, *Leptidae* gen. n., *Scatophaga*, *Rhagoletis*, *Geomyzidae* gen. n. & *Pseudiasata*.

Couden, 578; Missouri *Agromyza* sp. n.

Cresson, 584; New Mexico Dipterological notes.

Doane, 676; United States *Dicranomyia* 4 spp. n.

Doane, 677; *Pachyrhina* New North American; determining the species.

Doane, 678; *Rhypholophus* 5 spp. n.

Doane, 681; California *Tipula* sp. n.

Dyar & Knab, 739; *Culicidae* 3 spp. n.

Felt, 819; *Cecidomyiidae* about 400 spp. n.

Haseman, 1198; Missouri *Psychoda* sp. n.

Hine, 1262; Brit. Columbia *Asilidae* 2 spp. n., gen. n.

Johannsen, 1399; *Chironomidae* 12 spp. n.

Johnson, 1402; New England *Bombyliidae*, *Anthrax* sp. n.

Johnson, 1403; distribution of *Bittacomorpha jonesi*.

Johnson, 1404; note on *Calotarsa* & 2 new species of *Callimyia*.

Knab, 1526; Saskatchewan mosquitoes of.

Mitchell, 1902; United States *Chironomus* 9 spp. n.

Osburn, 2077; Brit. Columbia *Syrphidae* additions, 6 spp. n.

Overman, 2086; Kansas, mosquitoes of Douglas county.

Russell and Hooker, 2444; New cecidomyiid on oak.

Townsend, 2906; muscoidean flies, including genera and 33 spp. n.

Tucker, 2929; Texas & Colorado *Oscinis* 4 spp. n.

Williston, 3150; Manual.

Aphaniptera.

Fox, 888; *Ceratophyllus* sp. n.

Fox, 889; San Francisco gen. n.

Mitzmain, 1905; Synopsis and bibliography of California Siphonaptera.

Osborn, 2076; Ohio *Typhlopsylla octactenus*.

Hemiptera, collectively.

Crevecoeur, 585 & 586; Kansas Additions to the list.

Horváth, 1304; Les relations entre les faunes hémiptérologiques de l'Europe et de l'Amérique du Nord.

Horváth, 1305; Remarques, 5 spp. n.

Van Duzee, 2970; Quinze lake, annotated list, *Neoborus* sp. n., *Cerèsa* sp. n.

Heteroptera.

Hambleton, 1179; *Corizus* 2 spp. n.

Heidemann, 1206; *Isometopus* 3 spp. n.

Heidemann, 1207; *Tingidae* 2 spp. n., *Acysta* and *Leptobyrsa*.

Kirkaldy, 1490; Carolina *Arctocoris* 3 spp. n.

Reuter, 2342; *Nabidae* 2 spp. n., *Catharsis* & *Reduviolus*.

Reuter, 2350; Monographia generis *Heteropterorum Phimodera* Germ.

Torre Bueno, 2899; Hemiptera Heteroptera, Westchester county.

Homoptera.

†Cockerell, 530; Fossil *Cercopidae*.

Kirkaldy, 1502; California *Danepteryx* 2 spp. n.

Van Duzee, 2969; *Membracidae* 27 spp. n.

Aphidae.

†Cockerell, 532; Fossil *aphidae*.

Davis, 618; *Aphis* sp. n. *Aphis foliosonii* sp. n.

Gillette, 1044a; Colorado 6 spp. n.

Gillette, 1046; Colorado *Schizoneura* sp. n.

Jackson, 1351; *Aphis aquaticus* n. sp.

Oestlund, 2052; *Chaitophorus testudinatus*.

Rohwer, 2402; Colorado *Forda* 2 spp. n.

Wilson, 3152; Colorado *Aphis* sp. n.

Coccidae.

Coleman, 551; California 2 spp. n. *Pseudococcus* & *Xylococcus*.

Marlatt, 1787; United States *Diaspinae* 3 spp. n.

Thysanoptera.

Hood, 1289; Illinois *Idolothrips* 2 spp. n.

Hood, 1290; United States *Phloeothripidae* 3 spp. n.

Hood, 1291; Illinois 15 spp. n., genn. n.

Psocidae.

Banks, 102; United States 3 spp. n.

Mallophaga.

Durrant, 723; *Menopon* sp. n.

Perlidae.

Banks, 102; *Perla* 4 spp. n.

Banks, 103; Newfoundland *Isoperla*
sp. n.

Ephemeridae.

Banks, 102; Kansas *Potamanthus*
sp. n.

Odonata.

Banks; Ent. News, 19, p. 384,
Tachopteryx in Virginia.

Brimley, 309; North Carolina
Odonata.

Calvert, 394; *Odonata* in Carr
canyon, Huachuca mountains, Arizona.

Martin, 1797; *Somatochlora* sp. n.

Muttkowski, 1971; Wisconsin
Odonata.

Walker, 3021; *Aeshna* 8 spp. n.

Walker, 3022; Ottawa annotated
catalogue.

Williamson, 3148; Oklahoma *Cordu-*
liinae.

Orthoptera.

Brimley, 306; Notes on the Ortho-
ptera of Raleigh, North Carolina.

Caudell, 441; Arizona *Steleopyga*
rhombifolia.

Caudell, 443; Arizona *Barytettix* sp. n.

Caudell, 444; California *Marsa* sp. n.

†Cockerell, 517; Florissant shales
Mantidae gen. n.

†Cockerell, 519; Colorado Miocene
gen. n. *Locustidae*.

Davis, 625; Staten Island and New
Jersey, new *Orchelimum*.

Hebard, 1203; California *Decticinae*
gen. n.

Isely, 1344; Kansas *Amblycorypha*
sp. n.

†Mitchell, 1903; new protoblattid
family, Lower Cretaceous.

Morse, 1948; New York and New
Jersey, *Tettigidae* sp. n.

Rehn, 2299; Western United States,
5 spp. n., *Trimerotropis*, *Plagiostira*,
Ceuthophilus, *Phrixocnemis*, *Udeopsylla*.

Rehn & Hebard, 2301; Arizona *Acri-*
diidae 5 spp. n.

Thysanura (vacant), *Collembola*.

Folsom, 866; Brit. Columbia
Aphorura sp. n.

Central America.

Coleoptera.

Bovie, 277; Costa Rica *Polydius* sp. n.

Bovie, 278; Costa Rica *Polydius* sp. n.

Casey, 438; Mexico *Coccinellidae* 4
spp. n., *Hyperaspis*, *Exochomus*, *Olla*,
Coccinella.

Casey, 439; Mexico and Lower Cali-
fornia *Coniontinae* revision, spp. n.

Champion, 447; *Barides* many genn.
n. and spp. n.

Gahan, 990; Mexico *Cyllene* sp. n.

Jacoby, 1362; Mexico 4 spp. n.,
Monachus & *Cryptocephalus*.

Kuhnt, 1600; Mexico *Aegithus* sp. n.

Kuhnt, 1601; Honduras *Erotylus*
sp. n.

Ohaus, 2055; Mexico *Anomala* sp. n.,
Costa Rica *Strigoderma* sp. n.

Olivier, 2064; Yucatan *Aspisoma*
sp. n.

Schenkling, 2501; Mexico *Cymato-*
dera sp. n.

Schenkling, 2503; *Hydnocera* sp. n.

Sternberg, 2791; Mexico *Xyloryctes*
sp. n.

Hymenoptera.

Bradley, 283; Mexico *Foenus* sp. n.

Cameron, 421; Belize & Nicaragua
4 spp. n., *Ancistrocerus*, *Plesia*, *Pristo-*
meridia.

Ducke, 715; *Vespidae* *sociales*
Amerikas.

Forel, 876; Costa Rica *Formicidae*
9 spp. n.

Kieffer, 1468; *Proctotrypidae* & *Cyni-*
pidae 33 spp. n.

Kieffer, 1470; *Scelionides* sp. n.

Kieffer, 1475; Nicaragua *Pentapria*
sp. n.

Konow, 1560; 4 spp. n., *Strombo-*
ceros & *Braunsiola*.

Schmiedeknecht, 2535; *Lobocryptus*
sp. n.

Lepidoptera.

Bastelberger, 144; Mexico, *Spargania*
sp. n.

Bastelberger, 115; Mexico 2 spp. n.,
Psodopsis & *Stenalecidia*.

Bastelberger, 116; Mexico, *Colotois* sp. n.

Bastelberger, 117; Mexico 2 spp. n., *Prochoerodes* & *Caberodes*.

Bastelberger, 120; Mexico *Ptychopoda* 2 spp. n.

Bastelberger, 123; Mexico *Microgonia* sp. n.

Dognin, 690; San Salvador & Costa Rica 4 spp. n., *Elymiotis*, *Hippia*, *Schizura*, *Biera*.

Dognin, 691; Mexico *Certima* sp. n.

Druce, 703; Costa Rica *Hesperiidæ* 2 spp. n., *Aides* & *Thymele*.

Dyar, 726; Mexico *Chabuata* sp. n.

Dyar, 727; *Notodontidæ* 8 spp. n., *Malocampa*, *Hemiceras*, *Chadisra* & *Pailacron*.

Dyar, 728; Panama, a pyralid inhabiting the fur of the living sloth.

Dyar, 732; Costa Rica & Panama 3 spp. n. *Metraga*, *Epiperola* & *Tanadema*.

Dyar, 734; Mexico *Agapema* sp. n.

Hampson, 1186; *Acronyctinæ* general work, 2 spp. n.

Schaus, 2493; Costa Rica *Ormiscodes* sp. n.

Warren, 3051; *Geometridæ* 5 spp. n.

Neuroptera.

Banks, 104; Lower California *Brachnemurus* sp. n.

Weele, 3078; *Colobopterus* sp. n. & *Cordulecerus* sp. n.

Diptera.

Adams, 10; Costa Rica *Crassiseta* sp. n.

Busck, 383; mosquito fauna of Panama.

Dyar & Knab, 739; *Culicidæ* 17 spp. n.

Hendel, 1225; Mexico *Lauxaniinæ* gen. n.

Kertész, 1461; Mexico *Euryneura* sp. n.

Townsend, 2906; Muscoidean flies, new genera and 13 spp. n.

Hemiptera, incl. *Coccidæ* etc.

(**Baker, 90**; *Typhlocybini* gen. n.)

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Distant, 663a; Costa Rica, gen. n. *Jassidæ* & *Diestostemma* sp. n., Mexico *Oncometopia* sp. n.

Marlatt, 1787; Mexico 2 spp. n., *Aspidiotus* & *Mytilaspis*.

Torre Bueno, 2900; Guatemala aquatic and semi-aquatic 2 spp. n.

Thysanoptera.

Bagnall, 85; 6 spp. n., gen. n.

Odonata.

Calvert, 393; 2 spp. n. *Brechmorhoga* & *Epigomphus*.

Calvert, 395; The present state of our knowledge of the *Odonata* of Mexico and Central America; correction.

Martin, 1798; *Aeschna* 2 spp. n.

Williamson, 3147; Mexico *Aeshna* sp. n.

Orthoptera.

Borelli, 258; Costa Rica *Forficulidæ* gen. n.

Bruner, 335; *Acridiidæ* 42 spp. n., Lower California gen. n.—**Shelford, 335**; the *Phasmidæ* of Centr. America.

Brunner & Redtenbacher, 339; *Phasmidæ* general work, spp. n.

Burr, 366; Mexico *Strongylopsalis* sp. n.

Antilles.

Coleoptera.

Casey, 438; Cuba *Megilla* sp. n.

Champion, 447; St. Vincent, *Barides* gen. n.

Grouvelle & Raffray, 1152; Guadeloupe *Pselaphidæ* & *Clavicornia* 28 spp. n.

Jacoby, 1362; Cuba & Haiti *Cryptocephalus* 3 spp. n.

Kraus, 1575; Cuba 2 spp. n., *Cis* & *Ennearthron*.

Schaeffer, 2487; Cuba *Copelatus* sp. n.

Strepsiptera.

Pierce, 2192; Grenada, St. Vincent, gen. n.

Hymenoptera.

- Bradley, 283; Cuba *Foenus* sp. n.
 Crawford, 581; Barbados, a new genus and species of *Eupelminae*.
 Forel, 873; Cuba *Camponotus* sp. n.
 Friese, 907; Bienenfauna der Kleinen Antillen und der Bermudas.
 Howard, 1317; Porto Rico *Prospaltella* sp. n.
 Kieffer, 1468; Cuba 8 spp. n., *Proctotrypidae* & *Cynipidae*.
 Wheeler, 3124; Jamaica ants.
 Wheeler, 3123; Porto Rico and Virgin islands *Formicidae* 5 spp. n.

Lepidoptera.

- Hampson, 1186; Jamaica, Bahamas etc., *Acronyctinae* general work, 4 spp. n.
 Longstaff, 1691; Jamaica *Rhopalocera*.
 Longstaff, 1692; Tobago *Rhopalocera*.
 Warren, 3051; Jamaica gen. n. aff. *Triphosae*, Cuba gen. n. aff. *Gonogalae*.

Neuroptera.

- Banks, 102; Cuba *Sisyra* sp. n.
 Weele, 3078; *Ululodes* 4 spp. n.

Diptera.

- Dyar & Knab, 739; *Culicidae* 3 spp. n.
 Felt, 814; Barbados *Contarinia* sp. n.
 Felt, 819; Porto Rico *Dichrodiplosis* sp. n.
 Johnson, 1405; Bahamas, notes, *Ceratotopogon* sp. n.
 Townsend, 2906; Cuba *Lucilia* sp. n.

Hemiptera incl. *Coccidae*.

- Marlatt, 1787; Cuba *Aspidiotus* sp. n.
 Reuter, 2342; Jamaica *Carthasis* sp. n.
 Reuter, 2346; Cuba & San Domingo *Hemisphaerodella* gen. n. *Capsidae*.
 Reuter, 2358; Jamaica *Capsidae* 26 spp. n.

Thysanoptera.

- Franklin, 891; Barbados and St. Vincent islands 4 spp. n.

Psocidae.

- Banks, 102; Cuba 2 spp. n.

Orthoptera.

- Brunner & Redtenbacher, 339; *Phasmidae* general work, spp. n.
 Carl, 424; Costa Rica *Eriolus* sp. n. & *Conocephalides* gen. n.
 Rehn, 2300; *Inusia* sp. n.

South America, including Trinidad.

Insecta, collectively.

- Holmgren, 1287; Peru and Bolivia, myrmecophilous, 4 spp. n., *Staphylinidae*, *Formicidae*, *Proctotrypidae*.
 Rübsaamen, 2441; Brazil & Peru, galls, *Cecidomyiidae* 2 spp. n., *Psyllidae* sp. n.

Coleoptera.

- Arrow, 53; Rio Janeiro *Phileurus* sp. n., Ecuador *Lycomedes* sp. n.
 Bernhauer, 165; *Staphylinidae* many spp. n., genn. n.
 Bovie, 277; Colombia 2 spp. n., *Polydius* & *Compsus*.
 Bovie, 278; N. Grenada *Polydius* sp. n.
 Bruch, 321; Argentina *Megalopus* sp. n.
 Bruch, 322; Argentina *Cathorama* 2 spp. n.
 Bruch, 324; Argentina *Melanophthalma* sp. n.
 Casey, 439; Argentina gen. n. *Nycteliinae*.
 Desbrochers, 646; *Curculionidae* 7 spp. n., *Cholus* & *Erethistes*.
 Lewis, 1660; *Histeridae* 12 spp.
 Moser, 1950; Goyaz *Allorhina* sp. n.
 Gounelle, 1086; Principalement la sous-région brésilienne, Revision des genres *Compsosoma* et *Rhaphiptera* 8 spp. n.
 Gounelle, 1087; Espiritu Santo *Taurolema* sp. n.
 Grouvelle, 1139; *Clavicornia* 20 spp. n.
 Grouvelle, 1141; Guiana *Parnidae* 5 spp. n.

- Heller, 1212; Argentina *Phaenognatha* sp. n.
- Jacoby, 1362; *Cryptocephalinae* 40 spp. n.
- Kerremans, 1457; Brazil & Colombia, *Halecia* 3 spp. n.
- Kuhnt, 1600; *Aegithus* 6 spp. n.
- Kuhnt, 1601; *Erotylus*, *Cypherotylus*, *Micrerotylus*, 28 spp. n.
- Ohaus, 2055; *Rutelidae* 11 spp. n.
- Ohaus, 2056; Ruteliden 14 spp. n.
- Ohaus, 2058; Ecuador etc., *Lamellicornia*.
- Olivier, 2064; Brazil *Ledocas* sp. n.
- Olivier, 2068; Bolivia *Lampyridae* gen. n.
- Olivier, 2069; *Lampyridae* 7 spp. n.
- Pic, 2147; Argentina 3 spp. n., *Hadrotoma*, *Carphurus* & *Anthicus*.
- Pic, 2153; Brazil, Ecuador, Chile, 3 spp. n. *Niptus*, *Ptinus* & *Hadrobregmus*.
- Pic, 2163; Brazil *Hylophilus* sp. n.
- Pic, 2165; Brazil *Tomoderus* 2 spp. n.
- Pic, 2166; *Astylus* 2 spp. n.
- Pic, 2179; Brazil *Anthicus* sp. n.
- Pic, 2185; *Malcodermidae* 6 spp. n.
- Raffray, 2277; Paraguay, *Arthmius* sp. n., & *Decarthron* sp. n.
- Raffray, 2279; Cayenne & Brazil *Pselaphidae* 2 spp. n.
- Schenkling, 2503; Tucuman 2 spp. n., *Hydnocera* & *Platynoptera*, Brazil & Argentina *Peloniium* 2 spp. n.
- Sternberg, 2791; 3 spp. n. *Coelosis*, *Xyloryctes*, *Enema*.
- Thery, 2879; *Buprestidae* *Halecia* 5 spp. n.
- Weise, 3083; 14 spp. n., *Hispidae*, *Coccinellidae* & *Rhybus*.
- Hymenoptera*.
- André, 40; *Mutillidae* 4 spp. n.
- André, 43; Argentina *Traumatomutilla* sp. n.
- Bradley, 283; Br. Guiana *Semaemyia* gen. n. & *Evaniella* sp. n., Brazil *Hyptia* sp. n. & *Interaulacus* gen. n.
- (N-10332 j)
- Brèthes, 300; Argentina & Paraguay, 7 spp. n., *Discoelius*, *Zethus*, *Chrysis*, *Epistenia*, *Iphiaulax*.
- Cameron 405; Paraguay *Microgaster* sp. n.
- Ducke, 714; Neotropical social *Vespidae*, 5 spp. n., *Protopolybia*, *Polybia*, *Polistes*.
- Ducke, 716; les *Scoliides* de l'Amérique du Sud 6 spp. n., gen. n.
- Ducke, 717; nord-est du Brésil *Apidae* 12 spp. n., *Solierella* sp. n., *Holopyga* sp. n.
- Ducke, 718; Brasilia *Leiopodus*, 2 spp. n.
- Enderlein, 770; Peru *Stantonia* sp. n.
- Forel, 873; Sao Paolo, Paraguay etc., *Formicidae* 23 spp. n.
- Friese, 907; Trinidad, *Ceratina* sp. n.
- Friese, 908; Argentina, *Apidae* gen. n.
- Friese, 913; *Apidae*, Argentina many spp. n.
- Jensen-Haarup, 1381; Argentina *Centris* sp. n. & *Cælixys* sp. n.
- Kieffer, 1473; Colombia *Parasierola* sp. n.
- Kieffer, 1475; Trinidad *Anisepyris* 2 spp. n., Brazil *Peras* sp. n.
- Kieffer, 1476; Chile *Cynipidae* gen. n.
- Kieffer, 1478; Brazil, *Evaniidae* & *Stephanidae*, 12 spp. n.
- Konow, 1559; Brasilia *Probleta* sp. n.
- Konow, 1560; *Tenthredinidae* 14 spp. n.
- Mocsáry, 1911; *Euglossa* 3 spp. n.
- Schmiedeknecht, 2535; Peru & Brazil *Cryptinae* 12 spp. n.
- Schrottky, 2560; Paraguay *Hemisia* 3 spp. n.
- Szépligetl, 2856; *Braconidae* 19 spp. n., gen. n.
- Turner, 2944; Rio Grande do Sul & Argentina *Plesia* 2 spp. n.
- Turner, 2945; Brazil & Argentina *Tiphia* 3 spp. n.
- Turner, 2946; *Thynnidae* 9 spp. n.
- Zavattari, 3187; Ecuador *Podium* sp. n.

Lepidoptera.

Bastelberger, 114; Peru & Bolivia *Geometridae* 5 spp. n., *Heterusia*, *Erateina*, *Mimocharis*.

Bastelberger, 115; Peru 3 spp. n., *Rhopalodes* & *Tephroclystia*.

Bastelberger, 116; Huancabamba *Heterusia* sp. n.

Bastelberger, 117; *Geometridae* 15 spp. n.

Bastelberger, 119; *Geometridae* 7 spp. n., *Apicia*, *Ptychopoda*, *Calyplocome* & *Sangalopsis*.

Bastelberger, 121; Bolivia & Ecuador 3 spp. n., *Erateina* & *Heterusia*.

Bastelberger, 123; *Geometridae* 10 spp. n. *Eriophodes*, *Microgonia*, *Chloroclystis*, *Tephroclystia* & *Pero*.

Brèthes, 301; Argentina *Chlanidophora* sp. n.

Dognin, 689; *Geometridae* 17 spp. n., *Pyralidae* 12 spp. n., *Tortrix* sp. n., Chile 2 spp. n. *Apicia* & *Tineinae* gen. n.

Dognin, 690; 45 spp. n., *Uraga*, *Prumala*, *Automolis*, *Melesa*, *Halisidota*, *Episilia*, *Lycophotia*, *Eriopyga*, *Oslaria*, *Automeris*, *Adelocephala* & *Notodontidae* 30 spp. n.

Dognin, 691; *Geometridae* & *Epilemidae*, 15 spp. n., *Campylona*, *Racheolopha*, *Blechroma*, *Tricentra*, *Haemalea*, *Dyspterus*, *Ballantiophora*, *Opisthoxia*, *Nephodia*, *Thysanopyga*, *Certima*, *Phyllodonta*, *Capnophylla*.

Druce, 703; Peru, Bolivia & Colombia *Hesperiidae* 12 spp. n.

Druce, 704; Peru *Noctuidae* 39 spp. n.

Dyar, 727; *Notodontidae* 26 spp. n.

Dyar, 732; 2 spp. n. *Parasa* & *Natada*.

Fruhstorfer, 927; Ecuador *Leptophobia* sp. n.

Fruhstorfer, 941; Ecuador *Leptophobia* sp. n.

Fruhstorfer, 963; Amazons *Pyrrhogyra* sp. n.

Fruhstorfer, 965; Peru *Eunica* sp. n.

Hampson, 1182; Trinidad *Calladia* sp. n.; Brazil 3 spp. n. *Ambia* & *Pyrausta*.

Hampson, 1186; *Acronyctinae*, general work, 25 spp. n.

Jones, 1410; Paraná 78 spp. n., *Sphingidae*, *Syntomidae*, *Arctiidae*, *Noctuidae*, *Notodontidae*, *Eupterotidae*, *Saturniidae*, *Dalceridae*.

Jordan, 1416; Orinoco *Euschirropterus* sp. n., Colombia *Seirocastnia* sp. n.

Kieffer, 1473; Colombia *Semasia* sp. n.

Longstaff, 1680; Venezuela *Rhopalocera*, account of collecting.

Moulton, 1954; Brazil, Burchell's 1825-1830 collection *Nymphalinae*.

Neustetter, 1993; Kolumbien und Ekuador *Heliconius*.

Sanders, 2464; *Morphinae* of Brazil collected by Burchell 1825-1830.

Schaus, 2493; Brazil 2 spp. n. *Heliconisa* & *Ormiscodes*.

Seitz, 2629; Peru *Tatochila* sp. n.

Stephan, 2782; Die Schmetterlingswelt der Hochcordilleren von Südamerika.

Warren, 3050; *Thyrididae* 24 spp. n.

Warren, 3051; *Geometridae* 25 spp. n.

Weymer, 3118; Brazil *Automeris* sp. n.

Trichoptera.

Navás, 1978; Chile *Halesus* sp. n.

Ulmer, 2962; Brazil & Argentina 5 spp. n., *Mortoniella*, *Cyrnus*, *Smicridea*, *Decetis* & *Leptocella*.

Neuroptera.

Banks, 104; Ecuador, 7 spp. n., *Dimares*, *Eremoleon*, *Acanthaclisis*, *Brachynemurus* & *Ueulodes*.

Banks, 106; Chile, gen. n. *Corydalinae*.

Enderlein, 776; Bolivia *Coniopterygidae* gen. n.

Navás, 1977; *Leucochrysa*, *Mantispa*, *Bittacus*.

Weele, 3078; *Ascalaphidae* 9 spp. n.

Diptera.

Brèthes, 302; La Plata, Catalogue; *Homalomyia* sp. n.: **303, 304** *Urellia* 5 spp. n.: **305** *Exorista* 3 spp. n.

Cresson, 583; Dutch Guiana, *Ortaliidae* and *Trypetidae* 2 spp. n. with notes on others of these groups.

Dyar & Knab, 739; *Culicidae* 3 spp. n.

Enderlein, 771; Peru *Cutiterebra* sp. n.

Hendel, 1221; Rio Grande do Sul *Pyrgota* sp. n.

Hermann, 1233; Peru *Laphystia* 3 spp. n.

Kertész, 1461; 9 spp. n., *Notacanthidae*, genn. n.

Townsend, 2906; muscoidean flies 2 spp. n. descriptions of new genera and species,

Aphaniptera.

Jordan & Rothschild, 1419; *Rhopalopsyllus* 5 spp. n.

Rothschild, 2417; Chile *Ctenopsyllus* sp. n.

Hemiptera, incl. *Coccidae* etc.

Breddie, 291; Paraguay and Argentina 2 spp. n., *Podisus* & *Margus*.

Distant, 663a; N. W. South America *Jassidae* 50 spp. n., Brazil etc. 8 spp. n.

Horváth, 1306; Peru *Peruda* 2 spp. n.

Jacobi, 1353; Andes *Cercopidae* 40 spp. n., genn. n.

Montandon, 1925; Paraguay *Belostoma* sp. n.

Reuter, 2342; Demerara *Nabidae* gen. n.

Schmidt, 2528; Ecuador *Acanalonia* 3 spp. n.

Schmidt, 2532; Brazil *Enchophora* sp. n.

Thysanoptera.

Bagnall, 85; Amazons gen. n.

Buffa, 355; Paraguay & Argentina 2 genn. n.

Psocidae.

Ribaga, 2367; Bolivia *Caecilius* sp. n., Monte Video *Psocus* sp. n.

Odonata.

Foerster, 861; Paraguay *Gynacantha* sp. n.

Martin, 1798; *Aeschna* 4 spp. n.

Ris, 2378; Odonatenfauna von Argentina.

Orthoptera.

Bruner, 335; Trinidad *Cornops* sp. n., Guiana & Brazil *Acridiidae* 7 spp. n.

Brunner & Redtenbacher, 339; *Phasmodae* general work, spp. n.

Burr, 369; Paraguay *Pygidicrania* sp. n.

Griffini, 1122; *Gryllacridae* 2 spp. n.

Rehn, 2298; São Paulo, Brazil *Acridiidae* 1 n. gen., 3 n. spp.

Rehn, 2300; Peru *Proctolabus* sp. n.

Shelford, 2650; Peru, *Paralatinidia* sp. n. and gen. n. aff. *Epilamprae*.

III.—SYSTEMATIC.

The habits of insects as a factor in classification; OSBORN Ann. Ent. Soc. Amer. 1 pp. 70-84.

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The generic names of Geoffroy; WEISE pp. 294-299 München. Kol. Zs. 3. —GANGLBAUER T.c. pp. 317-320.

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Schinia espea **sp. n.** Florida, SMITH New York Ann. Acad. Sci. 18 p. 119.

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Spodoptera mauritia, colour variation, SWEZEY Proc. Hawaiian Ent. Soc. 1 p. 166.

Squamipalpis **gen. n., unilineata** **sp. n.** New Guinea, BETHUNE-BAKER p. 206 Nov. Zool. 15.

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Stylopoda anxia **sp. n.** New Mexico, SMITH New York J. Ent. Soc. 16 p. 96.

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Syrnsis **gen. n.** type *Panolis notabilis* Butl., HAMPSON p. 508 T.c.

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Aphidoletes carnifex sp. n. Astrachan, KIEFFER Rev. russ. ent. 7 p. 200.—*A. marginata*, *recurvata*, *fulva*, *meridionalis*, *flavida*, *borealis*, *marina*, *basalis*, p. 397, spp. n., N. America, FELT N. Y. St. Mus. Bull. 124.

Arnoldia fraxinifolia p. 289 New Jersey, *absobrina* p. 289, *hispida*, *minor*, *ungulata*, *vitis*, p. 290, spp. n., FELT T.c.

Arthrocnodax tetranychii sp. n. Südrussland, KIEFFER Rev. russ. ent. p. 201.—*A. apiphila* sp. n. California, FELT N. Y. St. Mus. Bull. 124 p. 301.—*A. rufa*, p. 403, *fenestra*, *obscura*, *rhoïna*, *sambucifolia*, p. 404, spp. n., N. America, FELT T.c.

Asphondylia lupini sp. n. Italy, SILVESTRI p. 3 Portici Boll. Lab. Zool. 3.—*A. solani* sp. n. Mozambique, TAVARES Broteria 7 p. 170.—*A. salsolae* sp. n. S. Afrika, RÜBSAAMEN Jena Denkschr. med. Ges. 13 p. 454.—*A. arizonensis*, *auripila*, Arizona, p. 294, *zaleae* New York, *brevicauda* Arizona, p. 295, *bumeliae* Texas, p. 296, spp. n., *hydrangeae*, Virginia, *ilicoides*, p. 296, New York, *macrofila* California, *salictaria*, p. 297, Indiana, *smilacinae* p. 298 District of Columbia, spp. n., FELT N. Y. St.

Mus. Bull. 124.—*A. auripila*, *siccae*, *helianthiflorae*, *florida*, *integrifoliae*, p. 376, *baroni*, *artemisiae*, *vernoniae*, *ceanothi*, *sambuci*, *johnsoni*, *opuntiae*, p. 377, spp. n., U.S., FELT T.c.

(*A. adenocarpi* sp. n. Portugal, TAVARES Broteria 1 1902 p. 31.)

Asynapta flavida, *saliciperda*, *caudata*, *canadensis* p. 421, spp. n., N. America, FELT N. Y. St. Mus. Bull. 124.

Baldratia socialis, *petiolicola*, *flavoscuta*, *pustulata* p. 328, *squarrosae*, *paniculata*, *flavomaculata*, *fuscoannulata*, *flavoannulata*, *convoluta*, p. 329, *divaricata* p. 330, spp. n., U. S., FELT T.c.

Brachyneura americana sp. n. New York, FELT p. 286 T.c.—*B. eupatorii*, *vitis*, p. 317, spp. n., U. S., FELT T.c.

Bremia caricis sp. n. N. America, FELT p. 395 T.c.

Bryocrypta pectinata sp. n. New York, FELT p. 304 T.c.

Calodiplosis gen. n. *Clinodiplosi* affine, *parinari* sp. n. Mozambique, TAVARES Broteria p. 165 Tab. viii figs. 2-8.

Camptoneuromyia gen. n. *Lasioptera-riæ*, *fulva*, *rubifolia*, p. 334, spp. n. U. S. FELT N. Y. St. Mus. Bull. No. 124.

Campylomyza scutellata, Ohio, AINSLIE Washington Proc. Ent. Soc. 10 p. 16.—*C. bryanti*, *luna*, p. 313, *gilletti*, *versicolor*, p. 314, *defectiva*, *silvana*, *simulator*, *kasloensis*, *boulderi*, *latipennis*, *longipennis*, p. 314, *articulosa*, *pini-corticis*, *hirsuta*, *currei*, *producta*, *hesperia*, p. 315, *barlowi*, *texana*, *tuckeri*, p. 316, spp. n. U. S., FELT N. Y. St. Mus. Bull. 124.

Catocha americana, *slossonae* p. 309 spp. n., U. S., FELT T.c.

Cecidomyia destructor, Generationen, Auftreten, Schaden in Bessarabien, KRASILŠČIK Krišinev Bessar. sel'sk. choz. 1908 pp. 146 - 153; Infection mit Parasiten, Bekämpfung, POSPĚLOV Chor'ajstvo 2 pp. 1226-1227; Diapausen, POSPĚLOV Naturfreund 3 p. 3; Lebensgeschichte, Metamorphose, Schaden, Parasiten, Gouv. Kiev, POSPĚLOV Choz'ajstvo 2 1907 pp. 101-106, 149-156, 5 text fig.—*C. catalpae*, GOSARD J. Econ. Ent. 1 pp. 181-182, pl.—*C. cerasifolia* New Jersey, *floricola* New York, *macrofila* New Mexico, p. 302, *piperitae*, *scrophulariae*, *setariae*, p. 303, *spiraeae* p. 304, New York,

spp. n., FELT N. Y. St. Mus. Bull. 124.—*C. infirma*, *paucifili*, *americana*, *ruricola*, *apicalis*, *agraria*, *terrestris*, *sanguinea*, *explicata*, p. 413, *apocyni*, *nixonii*, *tolhurstae*, *urtifolia*, *antennata*, p. 414, *spp. n.*, N. America, FELT T.c.—*C. collinsoniae* p. 73, *collinsonifolia*, *triadenii*, *angelicae*, *boehmeriae*, p. 74, *fulva* p. 75, *spp. n.*, N. America, BEUTENMULLER Canad. Ento. 40.—*C. crassulina* *sp. n.* Colorado, COCKERELL p. 89 Canad. Ento. 40.—*C. (?) foliora* *sp. n.* Massachusetts, RUSSELL and HOOKER Ent. News 19 p. 350.

†*C. (?) pontaniiformis* *sp. n.* Miocene Colorado, COCKERELL New York Bull. Amer. Mus. 24 p. 66.

Choristoneura, *clematidis* p. 287, *helena*, *helianthi*, p. 288, *spp. n.*, New York, FELT N. Y. St. Mus. Bull. 124.

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Colpodia temeritatis, *sanguinea*, *terrena*, *alta*, *pratensis*, *maculata*, *longimana*, p. 416, *spp. n.*, N. America, FELT T.c.

Contarinia melanocera *sp. n.* Europe, KIEFFER Bull. Soc. Metz 23 p. 76.—*Contarinia* *spp.*, FELT J. Econ. Ent. 1 pp. 225-227.—*C. agrimoniae* *sp. n.* New York, FELT N. Y. St. Mus. Bull. 124 p. 302.—*C. perfoliata*, *erratica*, *quercifolia*, p. 391, *flavolinea*, *divaricata*, *viridiflava*, p. 392, *hudsonici*, *truncata*, *clematidis*, *viatica*, *maculosa*, p. 393, *negundifolia*, *canadensis*, p. 394, *spp. n.* N. America, FELT T.c.—*C. gossypii* *sp. n.* West Indies, FELT Ent. News 19 p. 210.

(*C. pimpinellae* p. 32, *luteola* pp. 34-36, *spp. n.* Portugal, TAVARES Broteria 1 1902.)

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Epidiplosis *gen. n.* *Diplosariae*, *sayi* *sp. n.* New York, FELT p. 406 T.c.

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nalis, p. 390, **spp. n.**, N. America, FELT T.c.

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(*R. santolinae* **sp. n.** Portugal, TAVARES Broteria **1** 1902 pp. 28-29).

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†*Leptidae* of amber; MEUNIER Paris C. R. Acad. Sci. 147 p. 1362.

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†*Xylophagus eridanus* sp. n. baltic amber, MEUNIER Ann. Soc. Bruxelles 32 Mem. p. 259.

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†*Arthropidae* fam. n. for *Arthropeas* Lw. etc., MEUNIER Ann. Soc. Bruxelles 32 Mem. p. 261.

†*Arthropiella* gen. n., *cocenia* sp. n. baltic amber, MEUNIER Ann. Soc. Bruxelles 32 Mem. p. 262.

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- caus* p. 40, *teneriffensis* p. 41, Canaren spp. n., BECKER Berlin Mitt. zool. Mus. 4.
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Statanus gen. n. *Cydninae* p. 430, *membranaceus* sp. n. Ceylon p. 431 f. 260, DISTANT Faun. Brit. India Rhynchota 4.

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COREIDAE (*Geocoridae*), LYGAEIDAE (*Myodochidae*) & PYRRHOCORIDAE.

Owing to the confusion now existing, it is better to treat these families in combination. The following genera etc. were last year erroneously placed in "Coreidae"; they should have appeared under "Lygaeidae," in the sense in which we used those two names of families:—

Æthalotus Cœnocoris Chauliopinæ
Cymoninus Cymus Lethæus Lemnius
Lispochroa Macropes Malcincæ Myodochinæ
Ninus Notochilaster Pamera
Paromius Poeantius Pyrrhobaphus
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Elasmopoda ampliata sp. n. Afrique, COURTEAUX Bul. Muséum Paris 1908 p. 190.

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ARRANGED BY

I. B. J. SOLLAS

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XIV. VERTEBRATA

(GENERAL)

i.e., complementary to Mammalia, Aves, Reptilia, and Pisces

ARRANGED BY

D. SHARP

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XVI. REPTILIA AND BATRACHIA

ARRANGED BY

C. L. BOULENGER

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R. BOWDLER SHARPE, LL.D.

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Is., HULL Sydney Proc. Linn. Soc. **33** p. 286.—*L. cachinnans*, *affinis* Reinh. Gouv. St. Petersburg, BIANCHI St. Petersburg Ann. mus. zool. **13** pp. xxxvi-xlv.—*L. marinus*, unusual nesting site, WARREN Zoologist **1908** p. 396; neue Art der ungarischen Ornis, U.O.C. Aquila Budapest **1908** p. 317.—*L. glaucus* at Fair Isle, CLARKE Ann. Scott. Nat. Hist. Edinburgh **1908** p. 84.—*L. eburnea* on the River Eden, PARKER Zoologist **1908** p. 145.

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Phalaropus hyperboreus in the Solway area, SERVICE Ann. Scott. Nat. Hist. Edinburgh 1908 p. 120.—*P. lobatus* in Ungarn, CHERNEL Aquila 14 1907 p. 181; Ufer des Schwarzen Meeres, KOBYLIN Tiflis Mitth. Kauk. Mus. 3 p. 303.

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Ornith. Cl. **21** p. 49.—*G. fusca* in Germany, KROHN Ornith. Monatsber. Berlin **16** pp. 128–132.—*G. melanoptera* subsp. n. *pallidigularis* Gouv. Tomsk., JOHANSEN Tomsk Izv. Univ. **30** pp. 1–239; = *G. melanoptera*, BUTURLIN Naša ochota **1908** 10 p. 31.

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Oedienemus oedienemus in Ungarn, CHERNEL Aquila **14**, 1907 p. 181.—*O. oedienemus insularum* subsp. n. Canary Islands, SASSI Ornith. Jahrb. Hallein **19** p. 32–34.

Otis tarda, Domestication, Lebensweise, ČEREPOVA Naša pticevodn. zizuň **1** 1907 pp. 84–87, 105–106; Fortpflanzung in der Gefangenschaft. Id. t.c. pp. 130–131.—*O. tetrax* in Ungarn, CHERNEL Aquila **14** 1907 p. 181; in Ostpreussen, LÜHE Königsberg Schr. physik. Ges. **48** p. 365.—*O. macqueeni* in N. Germany, remarks, KROHN Ornith. Monatsber. Berlin, **16** p. 125.

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Anthropoides leucauchen breeding in confinement, BLAAUW Ibis 1908 p. 481.

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Geronticus eremita, Vorkommen, Merk male, HERMAN Aquila **14** pp. xxxiii–xliv.

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Platalea leucorodia. West Scotland, CLARKE Ann. Scott. Nat. Hist. Edinburgh **1908** p. 50; in Ireland, BRIDGEMAN Dublin Irish Nat. **17** p. 101.

Ciconia; Fabel vom „Weisenstorch“, DALMADY Termt. Közl. **40**, p. 66; *C. ciconia*, Schaden, RÁ CZ Aquila **14** p. 327; capture of marked specimens, THIENEMANN Ornith. Monatsbr. Berlin **16** pp. 6, 7; marked bird from Rossiten on Lake Chad, id. t.c. (120); marked specimen from Rossiten, noticed in Rhodesia, id. t.c. p. 63; return of marked birds, id. t.c. p. 153; Zug Lübeck, HAGEN, Ornith. Monatsber. **16**, p. 169. *C. alba*, Note. BARTHOS Aquila **1908** p. 310; method of feeding young, CERVA t.c. p. 311; Nistweise BRAUN Königsberg Schr. physik. Ges. **49** pp. 280–290; Zweckmässigkeit und natürliche Zuchtwahl. BÜTOW Ornith. Monatschr. **33** pp. 231–236; DETMERS t.c. pp. 305–309; Rückkehr, GROTE Zs. Oologie **18** p. 134; Neste, KRECKLER t.c. p. 17; LÜHE Königsberg Schr. physik. Ges. **49** pp. 83–88; in Hessen-Nassau, SCHUSTER Wiesbaden Jahrb. Ver. Natk. **61** pp. 143–153.—*C. nigra* in Ungarn, CHERNEL Aquila **14** p. 182.

†*Pelargopsis stehlini* p. 82 fig. 21 et pl. iv figs. 5–8; *P. trouessarti* p. 84, fig. 22 et pl. iv. figs. 9–12, spp. n., France, GAILLARD Ann. Univ. Lyon **1908** pp. 82–86.

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Delattria henrica subsp. n., *salvini* Guatemala, & *brevirostris* Mexico, RIDGWAY Washington Proc. Biol. Soc. **21** p. 195.

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Ruvencornis johnstoni kivuensis subsp. n., NEUMANN London Bull. Brit. Ornith. Cl. **21** p. 54.—*R. chalcophthalmus* sp. n. Lugege Forest Equatorial Africa, REICHENOW Ornith. Monatsber. **16** p. 48.

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Picumnus ochraceus harterti subsp. n. N.W. Ecuador HELLMAYR London Bull. B.O. Cl. **23** p. 67.—*P. guttifer*. Its range. HELLMAYR Nov. Zool. **15** pp. 83, 84.—*P. sagittatus*, var. *sharpei* Ihering, and *P. caipira*, Ihering = *P. guttifer* id. t.c. pp. 83, 84.

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Myadestes genibarbis subsp. n. *cherriei* Haiti, RIDGWAY Washington Smithsonian Inst. Misc. Collect. Q. **47** 1904 p. 112.

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Coccothraustes coccothraustes Berkshire, M'CONACHIE Ann. Scott. Nat. Hist. Edinburgh **1908** p. 252; in Galloway, SERVICE t.c. p. 253; damage to peas, eggs, BUNYARD London Bull. Brit. Ornith. Cl. **23** p. 24.—*C. vulgaris*, Scotland, SERVICE, British Birds **2** p. 243.

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Phonipara lepida, in confinement, PHILLIPPS Avicult. Mag. Brighton 2 6 pp. 163-176 pl.

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on Wimbledon Common, OLDHAM British Birds 3 p. 91; nesting in Sussex, MORRIS British Birds 2 p. 208; breeding in Essex, GRAY British Birds 2 p. 203; nesting in Middlesex, MEYRIK Zoologist 1908 p. 227.

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Montifringilla Brehm; Gruppierung, Charakteristik und Verbreitung der Formen, *M. alpicola kuenlunensis* subsp. n. Kuen-lun, Pamir, BIANCHI t.c. p. 583.—*M. alpicola groum-grzmaili* und *alpicola gaddi*, ranges, differential characters, SARUDNY & LOUDON Ornith. Monatsber. Berlin 16 pp. 164-165.

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Erythrospiza obsoleta not *Coccothraustes humii*, BETHAM, Bombay J. Nat. Hist. Soc. 18, p. 908.—*E. githaginea amantum*, Note [? lege *amantium*], KOLLIBAY Ornith. Monatsber. 16 p. 11.—*E. mongolica*, N.-O. Turkestan, BUTURLIN Semja ochotn., 1908 p. 250.

Gymnorhis pyrgita pallida subsp. n. Khartum and Senegal, NEUMANN London Bull. Brit. Ornith. Cl. 21 p. 70; *G. p. massaica* subsp. N. E. Africa, Id. l.c.

Passer montanus Gelege, WEMER Zs. Oologie 18 pp. 68-69, 80-82, & OBERBECK t.c. pp. 163-165; THIELEMANN, t.c. p. 36; Das helle Ei im Sperlingsgelege, BOXBERGER t.c. p. 116.—*P. domesticus*, colour of eggs, ECKARDT Ornith. Monatsber. 16 p. 118; Abendkonzert BERGER Natur u. Haus 16 pp. 140-143; Gewicht GLOGNER Arch. Schiffshyg. 12 pp. 751-757; *P. domesticus domesticus*, Farbenaberrationen, TSCHUSI p. 199; prolificness, REESE

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Serinus sharpei, egg figured, SWYNERTON Ibis **1908**, pl. viii f. 4.—*S. flaviventris*, in captivity for 18 years, FITZSIMONS, Pretoria J. S. Afric. Ornith. Union **4** p. 128.—*S. leucopygius riggenbachii* subsp. n. Senegambia and Western Sudan, NEUMANN London, Bull. Brit. Ornith. Cl. **21** p. 44.—*Fringilla serinus*, Nahrung, HEINDL Gefied. Welt **37** p. 126.—*Serinus canarius*, in the Forth Area, HARVIE-BROWN Ann. Scott. Nat. Hist. Edinburgh **1908** p. 181; near Stirling in November 1907, Id. British Birds **2** p. 139.—*S. pusillus*, in Europe, KROHN Ornith. Monatsber. **16** p. 122; in Heligoland. Id. l.c.

Sycalis arvensis (Kittl.), allies, HELLMAYR Nov. Zool. **15** p. 34.

Carpodacus erythrinus presso Roma, FALCONIERI DI CARPEGNA Roma Boll. Soc. zool. ital. **9** p. 38; *C. erythrinus grebnitskii*, nesting on the Lena River, DRESSER London Bull. Brit. Ornith. Cl. **21** p. 99.

Loxia curvirostra, nesting in Co. Dublin, HUNTER British Birds **2** p. 203; in Ungarn, CHERNEL Aquila **14** p. 186.—*L. bifasciata*, Sussex, NICHOLS British Birds **2** p. 165.

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R. LYDEKKER

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<i>Adelaide, S. Aust., Trans. R. Soc.</i>	Transactions of the Royal Society of S. Australia, Adclaide.	6 S. Aus.
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<i>Agric. Exp. Sta., Arizona, Tucson, Bull.</i>	University of Arizona. Arizona Agricultural Experiment Station, Tucson. Bulletin.	— U.S.
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<i>Mem. Geol. Surv. U. K., London</i>	Memoirs of the Geological Survey of the United Kingdom, London, Glasgow, etc.	327 U.K.
<i>Mém. Mus. Belgique, Bruxelles</i>	Royal d'histoire naturelle de Belgique, Bruxelles.	— Bel.
<i>Mem. Mus. Goeldi, Pará ...</i>	Memorias do Museu Goeldi (Museu paraense) de historia natural e ethnographia, Pará.	— Brazil.
<i>Meriden, Conn., Trans. Sci. Ass.</i>	Transactions of the Meriden Scientific Association, Meriden, Conn.	226 U.S.

<i>Mess. méd. vétérin. soc., St. Peterburg</i>	Вѣстникъ общественной ветеринарии. О.-Петербургъ [Messenger de Médecine vétérinaire sociale. St. Pétersbourg].	— Rus.
<i>Met. Zs., Braunschweig ...</i>	Meteorologische Zeitschrift. Hrsg. im Auftrage der k. k. österreichischen Gesellschaft für Meteorologie und der Deutschen meteorologischen Gesellschaft. Red. v. J. Hahn und G. Hellmann. Braunschweig. [monatl.]	— Ger.
<i>Metz, Bul. soc. hist. nat. ...</i>	Bulletin de la société d'histoire naturelle de Metz. Metz. [unbestimmt.]	— Ger.
<i>Mexico, Bol. Inst. Geol. ...</i>	Boletín del Instituto Geológico de Mexico.	— Mex.
<i>Mexico, Mem. Soc. Ant. Alzate</i>	Memorias de la Sociedad Científica "Antonio Alzate." Mexico. 8vo.	— Mex.
<i>Michigan, Rep. Geol. Surv., Lansing</i>	Reports of the Michigan Geological Survey, Lansing.	230 U.S.
<i>Microgr. prépar., Paris ...</i>	Micrographe (le) préparateur. Dir. Tempère. Paris. [bimestr.]	493 Fr.
<i>Mikrokosmos, Stuttgart ...</i>	Mikrokosmos. Zeitschrift zur Förderung wissenschaftlicher Bildung hrsg. v. d. Deutschen mikroskopischen Gesellschaft. Stuttgart. [Hefte jährl.]	— Ger.
<i>Milano, Atti Soc. ital. sc. nat.</i>	Atti della Società italiana di scienze naturali, e del museo civico di Storia naturale, Milano.	102 It.
<i>Milano, Mem. Ist. lomb. ...</i>	Memorie dell' Istituto lombardo di scienze e lettere, Milano.	104 It.
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<i>Milano, Rend. Ist. lomb. ...</i>	Rendiconti dell' Istituto lombardo di scienze e lettere, Milano.	106 It.
<i>Milwaukee, Bull. Wis. Nat. Hist. Soc.</i>	Bulletin of the Wisconsin Natural History Society, Milwaukee.	235 U.S.
<i>Minneapolis, Bull. Minn. Acad. Nat. Sci.</i>	Bulletin of the Minnesota Academy of Natural Sciences, Minneapolis.	247 U.S.
<i>Minneapolis, Occ. Paprs. Minn. Acad. Nat. Sci.</i>	Occasional Papers of the Minnesota Academy of Natural Sciences, Minneapolis.	249 U.S.
<i>Minnesota, Bull. Geol. Surv., St. Paul</i>	Bulletin of the Minnesota Geological and Natural History Survey, St. Paul.	251 U.S.
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<i>Misc. ent., Narbonne ...</i>	Miscellanea entomologica. Revue entomologique internationale (édition française). Narbonne (E. Barthe, édit.). [mensuel.]	— Fr.
<i>Missoula, Bull. Univ. Mont.</i>	Bulletin University of Montana. Missoula, Mont.	552 U.S.

<i>Missouri, Rep. Geol., Jefferson City</i>	Biennial Report of the State Geologist, Jefferson City, Mo.	259 U.S.
<i>Mitt. D. Schutzgeb., Berlin</i>	Mittheilungen von Forschungsreisenden und Gelehrten aus den deutschen Schutzgebieten. Wissenschaftliche Beihefte zum deutschen Kolonial- blatt, hrsg. v. Danckelmann. Berlin. [$\frac{1}{4}$ jährl.]	803 Ger.
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<i>Mon. Rev., London ...</i>	Monthly Review, London ...	332 U.K.
<i>Monatsbl. Post, Leipzig ...</i>	Monatsblätter für Post und Telegraphie. Leipzig. [monatl.]	818 Ger.
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<i>Moskva, Ann. Inst. agron.</i>	Извѣстія Московскаго сельско-хозяйственнаго Института. Москва [Annales de l'Institut agronomique de Moscou].	133 Rus.
<i>Moskva, Bull. Soc. Nat. ...</i>	Bulletin de la Société Impériale des Naturalistes de Moscou.	136 Rus.
<i>Moskva, Dnev. otd. icht. Imp. R. Obšč. acclimat.</i>	Дневникъ отдѣла ихтиологіи Императорскаго Русскаго Общества акклиматизации животныхъ и растений. Москва [Journal de la section ichthyologique de la Société Impériale Russe d'acclimatation des plantes et des animaux. Moscou].	422 Rus.
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<i>Moskva, Dnev. zool. Sada ...</i>	Дневникъ зоологическаго сада. Москва [Messenger du Jardin zoologique. Moscou].	— Rus.
<i>Moskva, Izv. Obšč. ljub. jest.</i>	Извѣстія Императорскаго Общества любителей естествознанія, антропологии и этнографіи при Императорскомъ Московскомъ Университетѣ. Москва [Bulletin de la Société Impériale des amateurs des sciences naturelles, d'anthropologie et d'ethnographie près l'Université Impériale de Moscou].	138 Rus.
<i>Moskva, Nouv. Mém. Soc. Nat.</i>	Nouveaux Mémoires de la Société Impériale des Naturalistes de Moscou.	141 Rus.
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<i>Napoli, Annuario Museo zool.</i>	Annuario del Museo zoologico della R. Università di Napoli.	294 It.
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<i>Nat. Canad., Quebec ...</i>	Naturaliste Canadien Cap Rouge, Chicoutimi, Quebec.	22 Can.
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<i>NatCab., Grünberg... ...</i>	Das Naturalien-Cabinet. Grünberg i. Schl. [$\frac{1}{2}$ monatl.]	862 Ger.
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<i>Torino, Giorn. Acc. med.</i> ...	Giornale della R. Accademia di medicina, Torino.	226 It.
<i>Torino, Mem. Acc. sc.</i> ...	Memorie della R. Accademia delle scienze, Torino.	228 It.
<i>Toronto, Proc. Canad. Inst.</i>	Proceedings of the Canadian Institute, Toronto.	33 Can.
<i>Toronto, Rep. Ent. Soc. Ont.</i>	Annual Report of the Entomological Society of Ontario, Toronto.	— Can.
<i>Toronto, Stud. Univ. Biol. Ser.</i>	Studies from the University of Toronto, Biological Series.	36 Can.
<i>Toronto, Stud. Univ. Geol. Ser.</i>	Studies from the University of Toronto, Geological Series.	— Can.
<i>Toronto, Stud. Univ. Physiol. Ser.</i>	Studies from the University of Toronto, Physiological Series.	38 Can.
<i>Toronto, Stud. Univ. Psychol. Ser.</i>	Studies from the University of Toronto, Psychological Series.	37 Can.
<i>Toronto, Trans. Canad. Inst.</i>	Transactions of the Canadian Institute, Toronto.	40 Can.

<i>Toulouse, Bul. soc. hist. nat.</i>	Bulletin de la société d'histoire naturelle de Toulouse (Haute-Garonne). [trimestr.]	815 Fr.
<i>Toulouse, Bul. soc. sci. phys. nat.</i>	Bulletin de la société des sciences physiques et naturelles de Toulouse (Haute-Garonne).	817 Fr.
<i>Toulouse, Bul. stat. pisc. hydrobiol.</i>	Bulletin de la station de pisciculture et d'hydrobiologie de l'Université de Toulouse. Toulouse.	— Fr.
<i>Toulouse, Mém. Acad. sci. inscrip.</i>	Mémoires de l'Académie des sciences, inscriptions et belles lettres de Toulouse (Haute-Garonne). [annuel.]	822 Fr.
<i>Trav. Lab. étud. soie, Lyon</i>	Travaux du Laboratoire d'études de la soie, fondé par la Chambre de commerce de Lyon par la commission administrative. Lyon.	— Fr.
<i>Trav. Lab. géol., Grenoble</i>	Travaux du laboratoire de géologie de l'Université de Grenoble, Grenoble.	— Fr.
<i>Trav. mém. Fac. Lille ...</i>	Travaux et mémoires des Facultés de Lille (Nord).	834 Fr.
<i>Trav. Sect. géolog. Cab. S. M. I., St. Peterburg</i>	Труды геологической части кабинета Его Императорскаго Величества. С.-Петербургъ [Travaux de la Section géologique du Cabinet de Sa Majesté Impériale. St.-Pétersbourg.]	319 Rus.
<i>Trav. sect. Troick.-Kjacht. Russ. Geogr., St. Peterburg ou Moskva</i>	Труды Троицкосавско-Кяхтинскаго отдѣла. Приамурскаго отдѣла Императорскаго русскаго Географическаго Общества. С.-Петербургъ или Москва [Travaux de la subdivision de Troizkosavsk-Kjachta de la Section du territoire de l'Amour de la Société Impériale russe de Géographie. St. Pétersbourg ou Moscou].	155 Rus.
<i>Trav. Univ., Rennes ...</i>	Travaux scientifiques de l'Université de Rennes, Rennes. [Reprinted from Rennes Bull. soc. sci.]	— Fr.
<i>Trd. B. entom. Učen. Kom. Gl. Upr. Zeml., St. Peterburg</i>	See No. 444 (following journal) ...	— Rus.
<i>Trd. B. entom. Učen. Kom. M. Zeml., St. Peterburg</i>	Труды Бюро по энтомологин Ученаго Комитета Министерства Земледѣлія и Государственныхъ Имуществъ: С.-Петербургъ [Travaux du Bureau entomologique du Comité scientifique du Ministère d'Agriculture et des Domaines. St.-Pétersbourg.]	444 Rus.
<i>Trd. Kavk. ŝelkorodstv. st., Tiflis</i>	Труды Кавказской шелководственной станціи. Тифлисъ [Travaux de la station Caucasienne séricicole. Tiflis].	320 Rus.

<i>Trd. lěsn. opytñ. dělù, St. Peterburg</i>	Труды по лѣсному опытному дѣлу въ Россіи [Mitteilungen aus dem forstlichen Versuchswesen Russlands. St. Peterburg].	— Rus.
<i>Trd. Troick.-Kjacht. Otd. Russ. Geogr. Obsč., Moskva</i>	Труды Троицкосавскаго-Кяхтинскаго отдѣленія Приамурскаго отдѣла Императорскаго русскаго Географическаго Общества. Москва [Travaux de la subdivision de Troickosavsk-Kjachta de la Section du territoire de l'Amour de la Société Impériale russe de Géographie. Moscou].	155 Rus.
<i>Trencsén m. termt. társ. évk.</i>	Trencsén megyei természettudományi társulat évkönyvei. Trencsén. [Jahrbuch des trencsiner naturwissenschaftlichen Vereins, Trencsén.]	17 Hun.
<i>Trieste, Boll. Soc. Adriat. Sci. Nat.</i>	Bollettino della Società Adriatica di Scienze Naturali in Trieste. Red. Antonio Valle. Trieste. [irregol.]	376 Aus.
<i>Tromsø Mus. Aarsh. ...</i>	Aarshefter fra Tromsø Museum, Tromsø.	27 Nor.
<i>Trondhjem, kgl. Vid. selsk. Skr.</i>	Det kongelige norske Videnskabernes Selskabs Skrifter, Trondhjem.	28 Nor.
<i>Truro, J. R. Inst. Cornwall</i>	Journal of the Royal Institution of Cornwall, Truro.	420 U.K.
<i>Tübingen, Arb. path. Inst.</i>	Arbeiten auf dem Gebiete der pathologischen Anatomie u. Bakteriologie aus dem pathologisch-anatomischen Institut zu Tübingen, hrsg. v. v. Baumgarten. Braunschweig. [zwanglos.]	1059 Ger.
<i>Tübingen, Bl. Albver. ...</i>	Blätter des schwäbischen Albvereins. Tübingen. [monatl.]	1060 Ger.
<i>Tuft's College, Mass., Tuft's Coll. Stud.</i>	Tuft's College Studies. (Scientific Series.) Tuft's College, Mass.	— U.S.
<i>Turkest. sel'sk. hoz., Taškent</i>	Туркестанское сельское хозяйство. Ташкентъ [Agriculture du Tourkestan. Tachkent].	— Rus.
<i>Turkest. Věd., Taškent, ...</i>	Туркестанскія Вѣдомости. Ташкентъ [Bulletin de Turkestan. Tachkent].	328 Rus.
<i>Ulm, Jahreshefte Ver. Math.</i>	Jahreshefte der Vereins für Mathematik und Naturwissenschaften zu Ulm. [unbestimmt.]	1066 Ger.
<i>Umschau, Frankfurt a. M.</i>	Die Umschau. Uebersicht über die Fortschritte und Bewegungen auf dem Gesamtgebiet der Wissenschaft, Technik, Litteratur und Kunst, hrsg. v. Bechhold. Frankfurt a. M. [wöch.]	1068 Ger.
<i>Upsala, Bull. Geol. Inst. ...</i>	Bulletin of the Geological Institution of the University of Upsala. Edited by Hj. Sjögren. Upsala. 8vo.	55 Swe.

<i>Urbana, Bull. Ill. Lab. Nat. Hist.</i>	Bulletin of the Illinois State Laboratory of Natural History, Urbana and Champagne.	448 U.S.
<i>Urbana, Stud. Univ. Ill. ...</i>	University Studies. University of Illinois, Urbana.	451 U.S.
<i>Utrecht, Onderz. Physiol. Lab.</i>	Onderzoekingen gedaan in het physiologisch Laboratorium der Utrechtsche Hoogeschool. Utrecht. 8vo.	51 Hol.
<i>Varšava, Izv. Univ. ...</i>	Варшавскія университетскія извѣстія. Варшава [Bulletin de l'Université Impériale de Varsovie].	331 Rus.
<i>Varšava, Rab. zool. kab. Univ.</i>	Работы изъ зоологическаго кабинета Варшавскаго Университета. Варшава. [Travaux du cabinet zoologique de l'Université de Varsovie. Varsovie.]	— Rus.
<i>Varšava, Trav. soc. nat. Proc. verb. rém. gén.</i>	Труды Варшавскаго Общества естествоиспытателей. Протоколы общаго собранія. Варшава [Travaux de la société des naturalistes de Varsovie. Procès-verbaux de la réunion générale].	336 Rus.
<i>Varšava, Trd. Obšč. jest. ...</i>	Труды Варшавскаго Общества естествоиспытателей. Варшава [Travaux de la Société des naturalistes de Varsovie].	336 Rus.
<i>Venezia, Atti Ist. ven. ...</i>	Atti del R. Istituto veneto di scienze, lettere ed arti, Venezia.	235 It.
<i>Venezia, Mem. Ist. ven. ...</i>	Memorie del R. Istituto veneto di scienze, lettere ed arti, Venezia.	236 It.
<i>Verh. D. KolKongr., Berlin</i>	Verhandlungen des deutschen Kolonialkongresses. Berlin.	— Ger.
<i>Verh. D. otol. Ges., Jena</i>	Verhandlungen der deutschen otologischen Gesellschaft. Jena. [jähr.]	1080 Ger.
<i>Verh. D. path. Ges., Berlin</i>	Verhandlungen der deutschen pathologischen Gesellschaft. Berlin. [jähr.]	1081 Ger.
<i>Verh. D. zool. Ges., Leipzig</i>	Verhandlungen der deutschen zoologischen Gesellschaft. Leipzig. [jähr.]	1082 Ger.
<i>Verh. Ges. D. Natf., Leipzig</i>	Verhandlungen der Gesellschaft deutscher Naturforscher und Aerzte. Leipzig. [jähr.]	1083 Ger.
<i>Vermont, Rep. Geol., Burlington</i>	Report of the State Geologist on the Mineral Industries and Geology of certain areas of Vermont. Burlington.	585 U.S.
<i>Versailles, Mém. soc. sci. nat.</i>	Mémoires de la société des sciences naturelles et médicales de Seine-et-Oise. Versailles (Seine-et-Oise). [trimestr.]	847 Fr.
<i>Versl. Staat Ned. Zeevissch., 's Gravenhage</i>	Verslag van den Staat der Nederlandsche Zeevisscherijen, 's Gravenhage. 4to.	56 Hol.

<i>Věst. Obšč. pčelovod., St. Peterburg</i>	Вѣстникъ русскаго общества пчеловодства. С.-Петербургъ [Messenger de la Société russe d'apiculture. St.-Petersbourg].	344 Rus.
<i>Věst. rybopromyšl., St. Peterburg</i>	Вѣстникъ рыбопромышленности; органъ Русскаго Общества рыбоводства и рыболовства. С.-Петербургъ [Messenger du commerce de poissons; organe de la Société russe de pisciculture et de pêche. St.-Petersbourg].	354 Rus.
<i>Věst. sacharn. promyšl., Kiev</i>	Вѣстникъ сахарной промышленности. Кіевъ [Messenger de l'industrie du sucre. Kiev].	355 Rus.
<i>Věst. znan., St. Peterburg...</i>	Вѣстникъ знанія. С.-Петербургъ [Messenger des sciences. St.-Petersbourg.]	— Rus.
<i>Veterin. vrač, St. Peterburg</i>	Ветеринарный врачъ. С.-Петербургъ [Le vétérinaire. St. Peterburg].	— Rus.
<i>Vict. Dept. Mines, Bull. Geol. Surv., Melbourne</i>	Victoria, Department of Mines. Bulletins of the Geological Survey, Melbourne.	— Vict.
<i>Vict. Dept. Mines, Mem. Geol. Surv., Melbourne</i>	Victoria, Department of Mines. Memoirs of the Geological Survey of Victoria. Melbourne.	— Vict.
<i>Vict. Dept. Mines, Rec. Geol. Surv., Melbourne</i>	Victoria, Department of Mines. Records of the Geological Survey of Victoria, Melbourne.	— Vict.
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<i>Vict. Nat., Melbourne ...</i>	The Victorian Naturalist. Melbourne ...	19 Vict.
<i>Vladimir, Trd. Obšč. Ľub. jest.</i>	Труды Владимірскаго Общества любителей естествознанія. Владиміръ [Travaux de la Société des amateurs des sciences naturelles de Vladimir, Vladimir].	— Rus.
<i>Vortr. EntwMech., Leipzig</i>	Vorträge und Aufsätze über Entwicklungsmechanik der Organismen. Hrsg. v. W. Roux. Leipzig. [zwangl.]	— Ger.
<i>W. Amer. Sci., San Diego, Cal.</i>	West American Scientist, San Diego, Cal.	454 U.S.
<i>Waidmannsheil, Klagenfurt</i>	Waidmannsheil. Illustrierte Zeitschrift für Jagd, Fischerei, Schützen- und Hundewesen. Red. v. Friedrich Leon. Klagenfurt. [$\frac{1}{2}$ monatl.]	398 Ger.
<i>Warszawa, Spraw. Tow. Nauk.</i>	Sprawozdania Towarzystwa Naukowego Warszawskiego. [Proceedings of the Scientific Society in Warsaw. Warsaw.]	— Pol.
<i>Warwick, Proc. F. Cl. ...</i>	Proceedings of the Warwickshire Naturalists' and Archæologists' Field Club, Warwick.	424 U.K.
<i>Washington, D.C., Bull. Phil. Soc.</i>	Bulletin of the Philosophical Society of Washington, Washington, D.C.	456 U.S.

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Washington, D.C., Bull. U. S. Dept. Agric. Div. Biol. Surv.	Bulletin, U. S. Department of Agriculture. Division of Biological Survey, Washington, D.C.	459 U.S.
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Washington, D.C., Bull. U. S. Fish Com.	Bulletin of the U. S. Fish Commission, Washington, D.C.	467a U.S.
Washington, D.C., Carnegie Inst. Pub.	Carnegie Institution Publication. Washington, D.C.	— U.S.
Washington, D.C., Carnegie Inst., Year Book	Carnegie Institution of Washington. Year Book, Washington, D.C.	468 U.S.
Washington, D.C., Cir. U. S. Dept. Agric. Bur. Anim. Indust.	Circular, U. S. Department of Agriculture. Bureau of Animal Industry, Washington, D.C.	469 U.S.
Washington, D.C., Cir. U. S. Dept. Agric. Div. Ent.	Circular. U. S. Department of Agriculture. Division of Entomology, Washington, D.C.	474 U.S.
Washington, D.C., Dept. Comm. Lab. Bull. Bur. Fish.	Department of Commerce and Labor. Bulletin of the Bureau of Fisheries, Washington, D.C.	— U.S.
Washington, D.C., Dept. Comm. Lab. Bur. Fish. Doc.	Department of Commerce and Labor. Bureau of Fisheries Document. Washington, D.C.	— U.S.
Washington, D.C., Dept. Int. U. S. Geol. Surv. Bull.	Department of the Interior. Bulletin of the United States Geological Survey, Washington, D.C.	516 U.S.
Washington, D.C., Dept. Int. U. S. Geol. Surv. Monogr.	Department of the Interior. U. S. Geological Survey. Monographs, Washington, D.C.	483 U.S.
Washington, D.C. Dept. Int. U. S. Geol. Surv., Prof. Paprs.	Professional Papers. Department of the Interior. U. S. Geological Survey. Washington, D.C.	— U.S.
Washington, D.C., Dept. Int. U. S. Geol. Surv. Rep.	Department of the Interior. Annual Report of the U. S. Geological Survey, Washington, D.C.	482 U.S.
Washington, D.C., George Washington Univ. Bull.	The George Washington University Bulletin. Washington, D.C.	— U.S.
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Washington, D.C., Smithsonian Inst., Misc. Collect. Q.	Smithsonian Institution. Smithsonian Miscellaneous Collections, Quarterly, Washington, D.C.	497 U.S.
Washington, D.C., Smithsonian Inst., Nation. Mus. Bull.	Smithsonian Institution. U.S. National Museum. Bulletin, Washington, D.C.	498 U.S.
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Washington, D.C., U. S. Dept. Agric., Bur. Biol. Surv., N. Amer. Fauna	U. S. Department of Agriculture. Bureau of Biological Survey, North American Fauna, Washington, D.C.	510 U.S.
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Washington, D.C., U. S. Dept. Agric. Rep. Bur. Anim. Indust.	U. S. Department of Agriculture. Annual Report of the Bureau of Animal Industry, Washington, D.C.	512 U.S.
Washington, D.C., U. S. Dept. Int. Bull. Geol. Surv.	Department of the Interior. Bulletin of the United States Geological Survey, Washington, D.C.	516 U.S.
Washington, D.C., U. S. Dept. Int. Geol. Atlas Geol. Surv.	Department of the Interior. Geological Atlas of the United States. U. S. Geological Survey, Washington, D.C.	517 U.S.
Washington, D.C., Yearbook U. S. Dept. Agric.	Yearbook of the U. S. Department of Agriculture, Washington, D.C.	529 U.S.
Watford, Trans. Herts. Nat. Hist. Soc.	Transactions of the Hertfordshire Natural History Society and Field Club, Watford and St. Albans.	148 U.K.

<i>Weidmann, Berlin ...</i>	Der Weidmann. Blätter für Jäger und Jagdfreunde, red. v. Müller-Liebenwalde. Berlin-Charlottenburg. [wöch.]	1106 Ger.
<i>Wellington Coll., Ann. Rep. Nat. Sci. Soc.</i>	Annual Report of the Wellington College Natural Science Society, Wellington. 8vo.	425 U.K.
<i>Wellington, Trans. and Proc. N. Zeal. Inst.</i>	Transactions and Proceedings of the New Zealand Institute, Wellington.	— N.Z.
<i>Wernigerode, Schr. natw. Ver.</i>	Schriften des naturwissenschaftlichen Vereins des Harzes in Wernigerode. Wernigerode. [zwanglos.]	1112 Ger.
<i>West Ind. Bull., Barbados</i>	West Indian Bulletin, the Journal of the Imperial Agricultural Department for the West Indies, Barbados.	— W. In.
<i>West Virginia, Morgantown, Pub. Geol. Surv.</i>	Publications of the West Virginian Geological Survey, Morgantown.	531 U.S.
<i>Wien, Abh. ZoolBot. Ges. ...</i>	Abhandlungen der k. k. Zoologisch-Botanischen Gesellschaft in Wien. Red. v. Anton Handlirsch. Wien. [zwanglos.]	405 Aus.
<i>Wien, Alm. Ak. Wiss. ...</i>	Almanach der Kaiserlichen Akademie der Wissenschaften. Wien. [jähr.]	407 Aus.
<i>Wien, Ann. NatHist. Hofmus.</i>	Annalen des k. k. Naturhistorischen Hofmuseums. Redig. von Franz Steindachner. Wien. [$\frac{1}{4}$ jähr.]	408 Aus.
<i>Wien, Anz. Ak. Wiss. ...</i>	Anzeiger der Kaiserlichen Akademie der Wissenschaften. Mathematisch-Naturwissenschaftliche Klasse. [27 H. jähr.]	409 Aus.
<i>Wien, Arb. Zool. Inst. Univ.</i>	Arbeiten aus den Zoologischen-Instituten der Universität Wien und der Zoologischen Station in Triest. Herausgeg. v. Karl Grobben und Berthold Hatschek. Wien. [zwanglos.]	411 Aus.
<i>Wien, Beitr. Pal. Geol. ÖstUng.</i>	Beiträge zur Paläontologie und Geologie Österreich-Ungarns und des Orients. Mitteilungen des Paläontologischen und Geologischen Institutes der Universität Wien. Herausgegeben mit Unterstützung des hohen Ministeriums für Kultus und Unterricht von Viktor Uhlig und G[ustav] von Arthaber. Wien. [$\frac{1}{4}$ jähr.]	415 Aus.
<i>Wien, Denkschr. Ak. Wiss.</i>	Denkschriften der Kaiserlichen Akademie der Wissenschaften. Mathematisch-Naturwissenschaftliche Klasse. Wien. [zumindest jähr.]	420 Aus.
<i>Wien, Jahrb. Geol. Reichsanst.</i>	Jahrbuch der k. k. Geologischen Reichsanstalt. Wien. [$\frac{1}{4}$ jähr.]	425 Aus.
<i>Wien, JahrBer. Entom. Ver.</i>	Jahresbericht des Wiener Entomologischen Vereines. Wien. [jähr.]	430 Aus.

<i>Wien, JahrBer. Ver. Adria</i>	Jahresbericht des Vereines zur Förderung der naturwissenschaftlichen Erforschung der Adria. Wien. [jähr.]	— Aus.
<i>Wien, Mitt. Natw. Ver. Univ.</i>	Mitteilungen des Naturwissenschaftlichen Vereines an der Universität Wien. Jährlich 8-10 Nummern, Selbstverlag.	— Aus.
<i>Wien, Mitt. Öst. ReichsBd. Vogelk.</i>	Mitteilungen des Österreichischen Reichsbundes für Vogelkunde und Vogelschutz in Wien. Wien. [monatl.]	447 Aus.
<i>Wien, Mitt. Polyxena</i> . . .	Mitteilungen des entomologischen Vereins Polyxena. Wien. [monatl.]	— Aus.
<i>Wien, Schr. Ver. Verbr. Natw. Kenntn.</i>	Schriften der Vereins zur Verbreitung Naturwissenschaftlicher Kenntnisse in Wien. [Nebentitel:] Populäre Vorträge aus allen Fächern der Naturwissenschaft. Herausgegeben vom Vereine zur Verbreitung Naturwissenschaftlicher Kenntnisse in Wien. Wien. [jähr. bezw. in zwanglosen Heften].	471 Aus.
<i>Wien, SitzBer. Ak. Wiss.</i> . . .	Sitzungsberichte der Kaiserlichen Akademie der Wissenschaften. Mathematisch-Naturwissenschaftliche Klasse. Wien. [in 4 Abteilungen, zwanglos.]	472 Aus.
<i>Wien, Verh. Geol. Reichs-Anst.</i>	Verhandlungen der k. k. Geologischen Reichs-Anstalt. Wien. [18 H. jähr.]	477 Aus.
<i>Wien, Verh. ZoolBot. Ges.</i> . . .	Verhandlungen der k. k. Zoologisch-Botanischen Gesellschaft in Wien. Red. v. A[nton] Handlirsch. Wien. [10 H. jähr.]	479 Aus.
<i>Wiesbaden, Jahrb. Ver. Natk.</i>	Jahrbücher des nassauischen Vereins für Naturkunde. Wiesbaden. [jähr.]	1121 Ger.
<i>Wild u. Hund, Berlin</i> . . .	Wild und Hund, red. v. Stahlecker. Berlin. [wöch.]	1123 Ger.
<i>Wilson Bull., Oberlin, Ohio</i>	Wilson Bulletin. (Wilson Ornithological Club.) Oberlin, Ohio.	347 U.S.
<i>Wilts. Archæol. Mag., Devizes</i>	The Wiltshire Archæological and Natural History Magazine, Devizes.	426 U.K.
<i>Wisconsin, Madison, Geol. Nat. Hist. Surv., Bull.</i>	Wisconsin Geological and Natural History Survey. Bulletin. Madison.	534 U.S.
<i>Wiss. Meeresunters., Kiel</i> . . .	Wissenschaftliche Meeresuntersuchungen, hrsg. v. d. Commission zur wissenschaftlichen Untersuchung der deutschen Meere in Kiel u. der Biologischen Anstalt auf Helgoland. Kiel. [zwanglos.]	1127 Ger.
<i>Wochenschr. Aquarienkunde, Braunschweig</i>	Wochenschrift für Aquarien- und Terrarienkunde. Hrsg. v. W. Wolterstorff. Braunschweig. [wöch.]	— Ger.

<i>Wochenschr. Thierheilk., München</i>	Wochenschrift für Thierheilkunde und Viehzucht, hrsg. v. Albrecht und Göring. München. [wöch]	1136 Ger.
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<i>Woolhope, Trans. Nat. F. Cl.</i>	Transactions of the Woolhope Naturalists' Field Club, Hereford. 8vo.	427 U.K.
<i>Worcester, Trans. Nat. Cl.</i>	Worcester. The transactions of the Worcestershire Naturalists' Club. [Established 1847.]	— U.K.
<i>Wr. Klin. Rdsch., Wien ...</i>	Wiener Klinische Rundschau. Organ für die gesamte praktische Heilkunde sowie für die Interessen des ärztlichen Standes. Red. v. F. Obermayer und Karl Kunn. Wien. [wöchentl.]	495 Aus.
<i>Wr. Klin. Wochschr., Wien</i>	Wiener Klinische Wochenschrift. Organ der k. k. Gesellschaft der Ärzte in Wien. Red. v. Alexander Fraenkel. Wien. [wöchentl.]	496 Aus.
<i>Wr. Med. WochSchr., Wien</i>	Wiener Medizinische Wochenschrift. Red. v. Heinrich Adler. Wien. [wöchentl.]	499 Aus.
<i>Wr. Urania, Wien... ..</i>	Urania illustrierte populärwissenschaftliche Wochenschrift redigiert von Albert Edlen von Obermayer, Alfred Till und Heinrich Jaschke. Wien. (Konegen.)	— Aus.
<i>Wszechświat, Warszawa ...</i>	Wszechświat, tygodnik poświęcony naukom przyrodniczym, red. Br. Znatowicz, Warszawa. 4to. [weekly.]	57 Pol.
<i>Würzburg, SitzBer. physik. Ges.</i>	Sitzungsberichte der physikalisch-medicinischen Gesellschaft zu Würzburg. Würzburg. [jähr. in zwangl. H.]	1140 Ger.
<i>Würzburg, Verh. physik. Ges.</i>	Verhandlungen der physikalisch-medicinischen Gesellschaft zu Würzburg. Würzburg. [jähr. in zwangl. H.]	1141 Ger.
<i>Yorks. Proc. Geol. Polyt. Soc.</i>	Proceedings of the Yorkshire Geological and Polytechnic Society, Halifax.	430 U.K.
<i>York, Rep. Phil. Soc. ...</i>	Annual Report of the Council of the Yorkshire Philosophical Society. York. 8vo.	431 U.K.
<i>Zagreb, Rad. Jugoslav. Ak.</i>	Rad Jugoslavenke akademije znanosti i umjetnosti. [Transactions of the South Slav Academy of Art and Science.] Zagreb.	— Croat.
<i>Zaragoza, Bol. Soc. Arag...</i>	Boletín de la Sociedad Aragonesa de Ciencias Naturales, Zaragoza.	— Spain.
<i>Zap. Obšč. sel'sk. choz. Južn. Ross., Odessa</i>	Записки Императорскаго общества сельскаго хозяйства Южной России. Одесса [Mémoires de la Société Impériale d'Agronomes de la Russie méridionale. Odessa].	380 Rus.

<i>Zdrowie, Warszawa</i> ...	Zdrowie, red. W. Janowski, Warszawa. 8vo. [monthly.]	59 Pol.
<i>Zentralbl. inn. Med., Leipzig</i>	Zentralblatt für innere Medicin, red. v. Unverricht. Leipzig. [wöch.]	280 Ger.
<i>ZentrBl. Forstwes., Wien</i> ...	Zentralblatt für das gesamte Forstwesen. Organ der k. k. Forstlichen Versuchsanstalt. Herausgegeben von Josef Friedrich. Wien. [monatl.]	506 Aus.
<i>ZentrBl. Physiol., Wien</i> ...	Zentralblatt für Physiologie. Unter Mitwirkung der Physiologischen Gesellschaft zu Berlin und der Morphologisch-Physiologischen Gesellschaft zu Wien herausgegeben von Siegmund Fuchs und J. Munk. Wien und Leipzig. [2 wöchentl.]	510 Aus.
<i>Zool. Ann., Würzburg</i> ...	Zoologische Annalen. Zeitschrift für Geschichte der Zoologie. Hrsg. von Max Braun. Würzburg.	— Ger.
<i>Zool. Anz., Leipzig</i> ...	Zoologischer Anzeiger, hrsg. v. Carus. Leipzig. [2-3 Nrn monatl.]	1148 Ger.
<i>Zool. Beob., Frankfurt a. M.</i>	Zoologischer Beobachter. Organ der zoologischen Gärten Deutschlands. Hrsg. v. d. Neuen zoologischen Gesellschaft. Frankfurt a. M. [monatl.]	— Ger.
<i>Zool. Garten, Frankfurt a. M.</i>	Der zoologische Garten, hrsg. v. d. neuen zoologischen Gesellschaft in Frankfurt a. M. Frankfurt a. M. [monatl.]	1150 Ger.
<i>Zool. Jahrb., Jena</i> ...	Zoologische Jahrbücher, hrsg. v. Spengel. 1. Abth. für Anatomie. 2. Abth. für Systematik. Jena. [Die Abth. 4 H. jährl.] Nebst Supplementen.	1151 Ger.
<i>Zool. Jahresber., Berlin</i> ...	Zoologischer Jahresbericht, hrsg. v. d. zool. Station zu Neapel. Berlin. [referirend, jährl.]	1152 Ger.
<i>Zool. Rec., London</i> ...	The Zoological Record, London...	435 U.K.
<i>Zool. Zentralbl., Leipzig</i> ...	Zoologisches Zentralblatt, hrsg. v. Schuberg. Leipzig. [referirend, 26 Nrn jährl.]	1149 Ger.
<i>Zoologica, Stuttgart</i> ...	Zoologica. Original-Abhandlungen aus dem Gesamtgebiete der Zoologie, hrsg. v. Chun. Stuttgart. [3-4 H. jährl.]	1153 Ger.
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<i>Zs. angew. Mikrosk., Leipzig</i>	Zeitschrift für angewandte Mikroskopie und klinische Chemie, hrsg. v. Marpmann. Leipzig. [monatl.]	1157 Ger.
<i>Zs. Augenheilk., Berlin</i> ...	Zeitschrift für Augenheilkunde, red. v. Kuhnt u. v. Michel. Berlin. [monatl.]	1160 Ger.

<i>Zs. Biol., München...</i>	... Zeitschrift für Biologie, hrsg. v. Kühne u. Voit. München. [$\frac{1}{4}$ jährl.]	1168 Ger.
<i>Zs. biol. Techn., Strassburg</i>	Zeitschrift für biologische Technik und Methodik. Hrsg. v. M. Gildemeister. Strassburg.	— Ger.
<i>Zs. Ent., Breslau ...</i>	... Zeitschrift für Entomologie, hrsg. vom Verein für schlesische Insektenkunde zu Breslau. Breslau. [jähr.]	1180 Ger.
<i>Zs. Entzlehre, Stuttgart ...</i>	... Zeitschrift für den Ausbau der Entwicklungslehre. Hrsg. v. R. H. Francé. Stuttgart. [jähr 12 Hefte.]	— Ger.
<i>Zs. Ethn., Berlin ...</i>	... Zeitschrift für Ethnologie, red. v. Bartels etc. Berlin. [2 monatl.] Nebst: Nachrichten über deutsche Alterthumskunde.	1181 Ger.
<i>Zs. exper. Path., Berlin ...</i>	... Zeitschrift für experimentelle Pathologie und Therapie. Hrsg. L. Brieger etc. Berlin. [zwanglos.]	— Ger.
<i>Zs. Fischerei, Berlin ...</i>	... Zeitschrift für Fischerei und deren Hilfswissenschaften, hrsg. im Auftrage des Deutschen Fischerei-Vereins von P. Schiemenz und F. Fischer. Berlin.	1280 Ger.
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<i>Zs. Hymenopter., Teschen- dorf</i>	Zeitschrift für systematische Hymenopterologie und Dipterologie, hrsg. v. Konow. Teschendorf bei Stargard. [2 monatl.]	1194 Ger.
<i>Zs. induct. Abstammungs- lehre, Berlin</i>	Zeitschrift für induktive Abstammungs- und Vererbungslehre. Hrsg. v. C. Correns u. a Berlin. [zwangl.]	— Ger.
<i>Zs. Infektkrankh., Berlin ...</i>	... Zeitschrift für Infektionskrankheiten, parasitäre Krankheiten und Hygiene der Haustiere. Hrsg. v. R. Ostertag. Berlin. [zwangl.]	— Ger.
<i>Zs. klin. Med., Berlin ...</i>	... Zeitschrift für klinische Medicin, red. v. v. Leyden u. Klemperer. Berlin. [15 H. jährl.]	1199 Ger.
<i>Zs. Landw. VersWes., Wien</i>	Zeitschrift für das Landwirtschaftliche Versuchswesen in Österreich. Vom k. k. Ackerbauministerium subventioniertes Organ für wissenschaftliche Forschung auf dem Gebiete der Landwirtschaft und der landwirtschaftlichen Gewerbe. Red. v. E. Meissl etc. Wien, Pest, Leipzig. [monatl.]	520 Aus.

<i>Zs. Laryng., Würzburg</i> ...	Zeitschrift für Laryngologie, Rhinologie und ihre Grenzgebiete. Hrsg. v. F. Blumenfeld. Würzburg. [2 monatl.]	— Ger.
<i>Zs. LehrmWes., Wien</i> ...	Zeitschrift für Lehrmittelwesen und pädagogische Literatur. Herausgegeben v. Franz Frisch. Wien. [10 H. jährl.]	— Aus.
<i>Zs. Min., Stuttgart...</i> ...	Zeitschrift für Mineralogie, Geologie und Paläontologie. Hrsg. v. R. Zimmermann. Stuttgart. [monatl.]	— Ger.
<i>Zs. Morph., Stuttgart</i> ...	Zeitschrift für Morphologie und Anthropologie, hrsg. v. Schwalbe. Stuttgart. [zwanglos.]	1213 Ger.
<i>Zs. Natw., Stuttgart</i> ...	Zeitschrift für Naturwissenschaften. Organ des naturwissenschaftlichen Vereins für Sachsen und Thüringen. Stuttgart. [2 monatl.]	1214 Ger.
<i>Zs. Oologie, Berlin</i> ...	Zeitschrift für Oologie. Organ für Wissenschaft und Liebhaberei. Berlin.	1308 Ger.
<i>Zs. Ornith., Stettin...</i> ...	Zeitschrift für Ornithologie und praktische Geflügelzucht. Organ des Verbandes der ornithologischen Vereine Pommerns. Stettin. [monatl.]	1218 Ger.
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<i>Zs. Unters. Nahrungsmittel, Berlin</i>	Zeitschrift für Untersuchung der Nahrungs- und Genussmittel, hrsg. v. v. Buchka etc. Berlin. [monatl.]	1237 Ger.
<i>Zs. Veterinärk., Berlin</i> ...	Zeitschrift für Veterinärkunde mit besonderer Berücksichtigung der Hygiene, red. v. Grammlich. Berlin. [monatl.]	1244 Ger.
<i>Zs. wiss. Insektenbiol., Berlin</i>	Zeitschrift für wissenschaftliche Insektenbiologie. Früher: Allg. Zs. Ent. Hrsg. v. C. Schröder. Berlin. [monatl.]	— Ger.
<i>Zs. wiss. Mikrosk., Leipzig</i>	Zeitschrift für wissenschaftliche Mikroskopie und mikroskopische Technik, hrsg. v. Behrens. Leipzig. [$\frac{1}{4}$ jährl.]	1248 Ger.
<i>Zs. wiss. Zool., Leipzig</i> ...	Zeitschrift für wissenschaftliche Zoologie, hrsg. v. Kölliker u. Ehlers. Leipzig. [8 H. jährl.]	1249 Ger.

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Zürich, <i>Vierteljahrsch. Natf. Ges.</i>	Vierteljahrschrift der naturforschenden Gesellschaft in Zürich. Zürich und München. 8vo.	125 Swi.
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Žurn. <i>Obšč. ljub. komn. rast., St. Peterburg</i>	Журналъ Общества любителей комнатныхъ растений и аквариумовъ. С.-Петербургъ [Journal de la Société des Amateurs de plantes et d'aquariums. St.-Pétersbourg].	394 Rus.
Zwickau, <i>Jahresber. Ver. Natk.</i>	Jahresbericht des Vereins für Naturkunde zu Zwickau. Zwickau. [jähr.]	1253 Ger.

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