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Kim, K. W., and Paik, Y. K.	
Keys to species of Family	The following six keys will undoubtedly
Drosophilidae occurring in South Korea	be modified as the collection progress.
(1). Kev to the species of Genus Amiota	in .
	hout markings; legs not banded; 5X-index
about 1.5; middle orbital bristle about 2,	/3 size of firstalboguttat (Wahlberg).
	stinctly banded; 5X-index about 0.8; middle
	arista with three or four branches above near
base, none belowvariegata Fa	llen.
(2). Key to the species of Genus Leucop	phenga
1. Arista with dorsal rays onlya	rgentosa Okada.
- Arista with both dorsal and ventral ray	rs2
2. Wings clear	3
— Wings with cloudy markings	
3. Palpi very large and black. (but in mal	e palpi small) <u>magnipalpis Duda.</u>
- Palpi moderate in size	4
4. Third to fifth abdominal tergites with o	caudal bandsconcilia Okada.
 Second to sixth abdominal tergites with 	n black spots. (mesonotum silvery pollinose
in male) <u>maculata Dufour</u>	
	orbitalsornatipennis de Meijere.
- Postvertical bristles well developed, nea	rly as large as middle orbitals
quinquemaculipennis Okada.	
(3). Key to the species of Genus Mycod	lrosophila
1. Wings clear; mesonotum uniformly bl	lack; thoracic pleura with black patches;
	lal bands, second to fourth tergite bands are
broadly interrupted at middle; male fore	e tibia and tarsi with long recurved upright
hairs along anterior marginpo	pecilogastra Loew.
- Wings clear; mesonotum uniformly bla	ack; thoracic pleura without black patches;
second to fifth tergites with black cauc	dal bands, second to third tergite bands are
broadly interrupted at middle	Mycodrosophila sp.
(4). Key to the species of Genus Micros	Irosophila
1. Orb ₁ about 1/5 as far from orb ₃ as from	verticals; mesopleura with a distinct black
longitudinal stripe; third costal section	with heavy bristles on basal 4/5
Microdrosophila sp. I	
 Orb₁ about 1/2 as far from orb₃ as fro 	m verticals; third costal section with heavy

	bristles on the entire length2
2.	Abdomen black; mesopleuron without black longitudinal stripeconegster Zetterstedt
	Abdomen black; mesopleuron with black longitudinal stripeMicrodrosophila sp 2.
(:	5). Key to the species of Genus Seaptomyza
1.	Body yellowish grey; acrostichal hairs in 2 rows; one prominent humerals
	graminum Fallen.
	Body greyish brown or black; acrostichal hairs in 4 rows; two humerals2
2.	Body greyish brown; costal index about 3.5; third costal section with heavy bristles
	on basal 2/5 <u>disticha Duda.</u>
	Body greyish black; costal index about 3.0; third costal section with heavy bristles
	on basal 1/3polygonia Okada.
(6). Key to the species of Genus Drosophila
1.	Preapical bristles are small or absent on the first and second tibiae2
	Preapical bristles evident on all three tibiae
2.	Mesonotum with distinct longitudinal stripes
	Mesonotum without stripes6
3.	Acrostichals haris in 8 rows; mesonotum with five narrow longitudinal stripes, me-
	dian longitudinal stripe befids posteriorlybusckii Coquillett.
	Acrostichals hairs in 6 rows4
4.	Crossveins clouded; mesonotum with 4 longitudinal stripes; oral margin and cheeks
	snowy whitealboralis Momma & Takada.
	Crossveins not clouded5
5.	Mesonotum with 3 pair of narrow longitudinal stripes <u>sexvittata Okada.</u>
~~~	Mesonotum with 4 black longitudinal stripes inner pair broaden caudally and outer
	pair interrupted at suturequadrivittata Okada.
6.	Arista with one branch below in addition to terminal fork; abdominal dark band
	not interrupted at middlenokogiri Okada.
	Arista with few brances below; abdominal dark band interrupted at middle7
7.	Orb ₂ minute, about 1/5 size of firstD. sp. close to histrio.
	Orb ₂ about 1/3 size of firstD. sp. of Hirtodrosophila.
8.	Prescutellar bristles present9
	Prescutellar bristles absent
9.	Body yellowish; wings somewhat brownish along costapuncticeps Okada.
-	Body blackish; wings clear10
10.	Acrostichal hairs in 8 rows; third costal section on basal 4/5
	coracina kikkawa & Peng.
	Acrostional hairs in 6 rows; third costal section with heavy bristles on basal $2/3$
	rufifrons Loew.
11.	Abdominal dark bands never broken in mid-dorsal line12

	Abdominal dark bands usually narrowed or broken in mid-dorsal line20
12.	Body blackish
	Body yellowish
13.	Acrostichal hairs in 6 rowshelvetica Burla.
	Acrostichal hair in 8 rows14
14.	Orb; about 1/3 size of 1stbifasciata pomini.
	Orb ₂ about 1/2 size of 1st; abdominal tergites entirely black
	D. SP. close bifasciata
15.	Acrostichal hairs in 6 rows
	Acrostichal hairs in 8 rows
16.	Orb ₂ minute, about 1/5 size of other two: C3-bristles on basal 2/5
	magnipectinata okada.
	Orb ₂ about 1/3 size of 1st; C3-bristles on basal 1/2auraria peng.
17.	Pulpus with a few prominent setaemelanogaster Meigen.
	Pulpus with only one prominent seta
18.	Costal index about 4.0; male wings appially with black spotssuzukii Matsumura).
	Costal index about 2.0; male wings apically without black spots19
19.	An indistinct very small blackish spot present in the groove located on the posterior
	base of fore coxa posterior paramere with basal branch very long
	lutea kikkawa & peng.
	No such blackish spot present; posterior paramere with basal branch very short;
	body is of small sizetakahashii Sturtevant.
20.	A pair of presutural bristles presenttestacea van Roser.
********	No presutural bristles
21.	Yellowish or yellowish brown species
Witness .	Blackish or brown species
22.	Abdominal tergites with varieties of black spots
	Abdominal tergites without spots, usually with bands
23.	Crossveins and wings tip cloudednigromaculata kikkawa & Peng.
	wings tip not cloudy, posterior crossveins slightly cloudedtransversa Fallen.
24.	A row of short stout bristles on lower apical part of each fore femur25
	Fore femur without such a row of bristles
25.	Posterior crossveins and tip of longitudinal veins cloudy; one prominent bristle at
	apex of 1st costal sectionimmigrans Sturtevant.
	Tip of longitudinal veins not clouded; two prominent bristles at apex of 1st
26	costal sectionD. sp. of immigrans group.  Second oral over 3/4 size of vibrissa
26.	Second oral 1/3 or less size of vibrissa
27.	Crossveins deeply clouded; C3-bristles on basal 1/3D. sp. closeto kuntzei
	Crossveins clear or slightly clouded
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lower portion symmetrically convex, clasper with about 10 black teeth arranged

in deeply concave row......sordidula Kikkawa & Peng.