0	Key to the Tribes	
+	Key to the Genera	
1	Fruits neither beaked nor biarticulated (rarely with false beak-like apex); cotyledons not so folded	(2)
+	Plants glabrous	(2)
+	Plants pilose or hairy	(47)
+	Fruits ± beaked or biarticulated; cotyledons usually longitudinally folded (conduplicate)	*Brassiceae*
2 (1)	Fruits compressed parallel to the septum, broadly septate	(3)
+	Fruits less than 3 times as long as broad (siliqua)	(3)
+	Fruits 4 times or more as long as broad (siliqua)	(25)
+	Fruits generally laterally compressed at right angles to the septum; narrowly septate (except *Winklera* and *Cochlearia*)	*Lepidieae*
3 (2)	Fruits dehiscent or transversely breaking into parts with seeds; valves generally thin and not spongy	(4)
+	Fruits strongly compressed, flat	(4)
+	Fruits not or scarcely compressed, ovoid inflated or with crested valves	(17)
+	Fruits usually nut-like, indehiscent; valves generally spongy or thick	*Euclidieae*
4 (3)	Radicle accumbent (very rarely incumbent)	(5)
+	Radicle incumbent (rarely accumbent)	(9)
+	Silicula not jointed, winged or not winged; stigma lobes short, neither conical nor decurrent	(5)
+	Silicula biarticulated (jointed); lower portion narrow, stalk-like, dehiscent; upper portion much larger, broadly winged indehiscent; stigma lobes conical, decurrent	*Fortuynia*
5 (4)	Fruits short, siliculae (sometimes long siliqua-likein *Farsetia* and *Draba*)	(6)
+	Fruits long, siliquae (sometime short in *Rorippa*)	(8)
+	Silicula compressed parallel to septum (or locule),not winged	(6)
+	Silicula compressed at right angles to septum (or locule), usually winged	(8)
6 (5)	Septum cells with parallel walls (± rectangular)	(7)
+	Septum cells with ± polygonal walls	
+	Septum complete; siliculae broadly elliptic, oblong, stipitate; seeds winged	(7)
+	Septum incomplete or lacking; siliculae elliptic, not stipitate; seeds not winged	*Graellsia*
7 (6)	Leaves ovate-cordate, lower long petioled; siliculae large; flowers large; (cultivated)	*Lunaria*
+	Leaves fleshy, lower subsessile or very shortly petioled, oblong-cuneate to elliptic; siliculae same; flowers small	*Savignya*
+	Hairs stellate, or partite and appressed	*Alysseae*
+	Hairs simple or absent	*Lunarieae*
8 (5)	Sepals erect, closed; fruits usually hairy	
+	Fruits pendulous	(9)
+	Fruits not pendulous (rarely slightly pendulous in *Thlaspi*)	(10)
+	Sepals ± spreading, open; fruits usually glabrous	*Arabideae*
9 (4)	Style very short but distinct; fruits ± orbicular and broadly winged	*Sameraria*
+	Stigma sessile or style absent fruits usually oblong and narrowly winged (rarely suborbicular)	*Isatis*
+	Sepals ± spreading or suberect; fruits ± cylindrical or linear, readily dehiscent	*Sisymbrieae*
+	Sepals erect; fruits often terete, tardily dehiscent or sometimes breaking transversely into parts	*Hesperideae*
10 (8)	Seeds 1-2 only	(11)
+	Seeds 4- many	(15)
11 (10)	Leaves bi-pinnatisect with narrow lobes	(12)
+	Leaves entire to 1-pinnatisect with broader lobes	(13)
12 (11)	Fruits c.2 mm in diam. with verrucose and inflated valves, separating into two 1-seeded parts	*Coronopus*
+	Fruits c.10 mm in diam. with membranous, compressed smooth valves, dehiscent	*Uranodactylus*
13 (11)	Siliculae not winged, always alike	(14)
+	Siliculae broadly winged, sometimes dimorphic (the dehiscent usually 2-4(-6) seeded and indehiscent (abnormal) ones 1-seeded)	*Aethionema*
14 (13)	Siliculae strongly compressed, valves keeled; septumvery narrow; leaves usually simple	*Lepidium*
+	Siliculae not so compressed, valves boat-shaped; septum somewhat broad; leaves usually 1-pinnatisect	*Winklera*

15 (10)	Homocarpous with usually elongated infructescence; siliculae more than 4-seeded	(16)
+	Heterocarpous with condensed infructescence; siliculae c. 4-seeded, winged (abnormal ones 1-seeded)	*Aethionema*
16 (15)	Siliculae usually ± winged, very compres¬sed (rarely wings suppressed or lacking); cauline leaves sessile, usually auricled at base	*Thlaspi*
+	Siliculae neither so compressed (valves boat shaped), nor winged, very small; cauline leaves cuneate below	*Hymenolobus*
17 (3)	Fruit not vesicular	(18)
+	Fruit vesicular or inflated (c.7 mm in diam.)	*Didymophysa*
18 (17)	Silicula without crested valves	(19)
+	Silicula valves 2-crested	*Dilophia*
19 (18)	Basal leaves neither petioled nor cordate	(20)
+	Basal leaves petioled, large; lamina ± cordate at base	*Crambe*
20 (19)	Fruiting pedicels deflexed or recurved	(21)
+	Fruiting pedicels erect, ascending or spreading, straight	(22)
21 (20)	Petals yellow. Leaves entire. Fruit cymbiform (with inflated locule and narrow flattened apex)	*Tauscheria*
+	Petals violet or purplish. Leaves dentate. Fruit oblong, tetragonous with angular apex, often constricted in the middle	*Goldbachia*
22 (20)	Fruits many seeded	(23)
+	Fruits 1-2- seeded	(24)
23 (22)	Flowers white (rarely yellowish or lilac); plants terrestrial	*Cochlearia*
+	Flowers yellow; plants aquatic or amphibious	*Rorippa*
24 (22)	Perennial. Flowers white, pinkish or pale yellowish; fruit jointed, globose, shortly beaked, smooth, 1-2-seeded	
+	Annual. Flowers yellow; fruits not jointed tetragonous, narrowly winged; 1-seeded	*Boreava*
25 (2)	Fruit biarticulated, beaked or with a short, beak-like stylar apex	(26)
+	Fruit neither jointed nor beaked	(34)
26 (25)	Stigma lobes conical and decurrent	(27)
+	Stigma lobes short, capitate (rarely slightly conical), not decurrent	(30)
27 (26)	Petals pink or lilac; plants perennial	(28)
+	Petals yellow; plants annual	*Conringia*
28 (27)	Plants with leafy flowering stems	(29)
+	Plants ± scaposa (without cauline leaves)	*Parrya*
29 (28)	Cauline leaves narrowed below, not amplexicaul; petals linear	
+	Cauline leaves amplexicaul; petals obovate	*Moricandia*
30 (26)	Fruits dehiscent with ± membranous valves	(31)
+	Fruits indehiscent, lomentoid with thickened valves	(33)
31 (30)	Racemes many flowered; leaves not linear; plants tall	(32)
+	Scapes 1-flowered; leaves linear; plants small, caespitose	*Pycnoplinthus*
32 (31)	Seeds uniseriate; flowers yellow; (fruit beak usually long, sometimes short)	*Brassica*
+	Seeds biseriate; flowers violet or pinkish-white;(fruit beak short)	*Diplotaxis*
33 (30)	Leaves entire or dentate; petals yellow; fruits spindle-shaped, often spirally curved with a long beak	
+	Leaves pinnatisect; fruit small, torulose with a very short beak	*Erucaria*
34 (25)	Fruit 2-locular, compressed parallel to septum, not winged, rarely pendulous	(35)
+	Fruit 1-locular, ± winged or with thickened margins, pendulous	*Isatis*
35 (34)	Lower or basal leaves simple, entire or dentate	(36)
+	Lower or basal leaves pinnate or pinnatifid	(44)
36 (35)	Annual or perennial but rootstock not so thickened; cauline leaves not so small; fruits generally long, linear with ± conspicuous style	(37)
+	Rootstock thickened, somewhat woody; basal leaves obovate, much larger than the cauline leaves; fruits short and broad, ± curved with sessile stigma	*Arcyosperma*
37 (36)	Cauline leaves absent or amplexicaul	(38)

+	Cauline leaves always present, usually not amplexicaul, sessile or shortly petioled	(40)
38 (37)	Cauline leaves amplexicaul; stigma short, capitate or bilobed, not decurrent	(39)
+	Cauline leaves absent; stigma with conical and decurrent lobes	*Parrya*
39 (38)	Cauline leaves few, distant; fruiting pedicels often thickened, ascending or spreading	*Arabis*
+	Cauline leaves many; fruiting pedicel thin (sometimes deflexed)	*Turritis*
40 (37)	Petals prominent; stigma bilobed; plants usually perennials	(41)
+	Petals small; stigma short depressed; plants usually annuals	*Arabidopsis*
41 (40)	Leaves elliptic, entire to dentate; septum complete	(42)
+	Leaves spathulate, generally 3-5-dentate above; septum complete, incomplete or absent	*Christolea*
42 (41)	seeds uniseriate; fruits with ± convex valves, not stipitate	(43)
+	Seeds biseriate; fruit flat, shortly stipitate	*Diplotaxis*
43 (42)	Petals 5-15 mm long; stigma capitate	*Sisymbrium*
+	Petals 20-30 mm long; stigma bilobed	*Hesperis*
44 (35)	Leaf segments not filiform; flowers in racemes	(45)
+	Leaf segments filiform; flowers distant, solitary or few	*Leptaleum*
45 (44)	Leaves simply pinnate (to entire-denticulate)	(46)
+	Leaves 2-3-pinnatisect with narrow, short lobes;fruit often curved, not opening form below	*Descurainia*
46 (45)	Fruits straight, opening form below upwards; seeds 1-seriate	*Cardamine*
+	Fruits ± curved, opening uniformly; seeds ± 2-seriate	*Nasturtium*
47 (1)	Hairs simple	(48)
+	Hairs branched or stellate, sometimes glandular and intermixed	(95)
48 (47)	Fruits generally less than 3 times as long as broad	(49)
+	Fruits 4 times or more as long as broad	(72)
49 (48)	Fruit compressed (very rarely not compressed but winged or didymous)	(50)
+	Fruit not compressed, neither winged nor didymous	(60)
50 (49)	Petals yellow (or sometimes white with violet veins)	(51)
+	Petals pink or white or absent	(54)
51 (50)	Fruit pendulous and indehiscent or breaking away into two 1-seeded halves	(52)
+	Fruit erect and dehiscent	*Draba*
52 (51)	Plants small with simple leaves; fruit small, indehiscent, 1-locular	(53)
+	Plants very tall with large pinnate leaves; fruits large 2-locular, breaking into two 1-seeded halves	*Megacarpaea*
53 (52)	Stigma on distinct but very short style	*Sameraria*
+	Stigma sessile or subsessile	*Isatis*
54 (50)	Racemes terminal; fruit valves membranous	(55)
+	Racemes axillary; fruit valves thickened, verrucose	*Coronopus*
55 (54)	Fruit compressed parallel to septum	(56)
+	Fruit slightly to very compressed contrary to septum	(57)
56 (55)	Cauline leaves absent; seeds not winged	*Erophila*
+	Cauline leaves present; seeds winged	*Savignya*
57 (55)	Fruits very compressed; septum very narrow	(58)
+	Fruits not very compressed ; valves boat-shaped; septum not very narrow	*Winklera*
58 (57)	Fruits not winged or slightly winged above; valves keeled	(59)
+	Fruits ± winged; (cultivated)	*Iberis*
59 (58)	Fruits small, slightly or not winged at the apex, less than 8 mm in diam.; style very short, (caulineleaves generally entire or dentate)	*Lepidium*
+	Fruits c. 10 mm in diam., not winged; style long; (leaves 2-pinnatisect)	*Uranodactylus*
60 (49)	Basal leaves not so; fruit not jointed	(61)
+	Basal leaves long-petioled; fruit, jointed	*Crambe*
61 (60)	Fruit valves dehiscent	(62)

+	Fruit indehiscent	(66)
62 (61)	Plants perennial, often with somewhat thick rootstock	(63)
+	Plants annual or biennial	(64)
63 (62)	Inflorescence ± lax; cauline leaves several, spathulate	*Aphragmus*
+	Inflorescence ± capitate; cauline leaves 0-1, narrow	*Braya*
64 (62)	Leaves not so small, uniformly dentate to incised	(65)
+	Leaves small, obovate, usually 3-dentate above to entire	*Lignariella*
65 (64)	Petals 1-3(-5) mm long, yellow; cauline leaves pinnatisect to entire, narrowed below, rarely slightly amplexicaul	*Rorippa*
+	Petals 6-7 mm long, yellowish-white; cauline leaves cordate and amplexicaul	*Camelina*
66 (61)	Fruit biarticulated	(67)
+	Fruit not biarticulated	(68)
67 (66)	Fruit globose, smooth; stigma sessile, depressed	*Crambe*
+	Fruit globose, striated; apex shortly beaked	*Rapistrum*
68 (66)	Petals white or pinkish; fruit not cymbiform	(69)
+	Petals yellow; fruit cymbiform	*Tauscheria*
69 (68)	Aerial stem many flowered	(70)
+	Scapes 1-flowered; aerial stem 0	*Pegaeophyton*
70 (69)	Fruiting pedicel neither so short nor appressed	(71)
+	Fruiting pedicel very short (c. 1.5 mm Long), appressed to the axis	*Euclidium*