



chromosome Number Pdf
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Chromosome Numbers of Selected Organisms

Common Name	Genus species	Chromosome Number (2n=?)	Reference (see below)
Adder's tongue fern	<i>Ophioglossum vulgatum</i>	240 $10 \times = 1200$	3
Alfalfa	<i>Medicago sativa</i>	32, 16	3
Alligator	<i>Alligator mississippiensis</i>	32	
Apple	<i>Malus sylvestris</i>	34,51	3 .
Aribidopsis - Wall Cress	<i>Arabidopsis thaliana</i>	10, 26 (spontaneous autotetraploid 2n=20)	.3 .
Armidillo		64	3
Asparagus	<i>Asparagus officinalis</i>	30	3
Atlantic Salmon	<i>Salmo salar</i>	58	3
Autumn Crocus	<i>Colchium Autumnale</i>	38,42	
Azolla (floating fern)	<i>Azolla</i> sp. 2n=44, <i>A. nilotica</i> 2n=52	44	3
Banana	<i>Musa paradisiaca</i>	22,44,55,77, 88	1 . . 3
Barley	<i>Hordeum vulgare</i>	14	3
Bat		44	3
Bean	<i>Phaseolus vulgaris</i>	22	3
Beet	<i>Beta vulgaris</i>	18	3
Beet	<i>Beta vulgaris</i>	18, (sugar beet 27)	3 cultivated beet
Black Mulberry	<i>Morus nigra</i>	308	
Blackberries and Raspberries	<i>Rubus</i>	cultivars range from 2n=14 to 2n=98	3 .
Brad Wheat	<i>Triticum vulgare</i>	42	3
Burnet (Roseacea)	<i>Sanguisorba burnet</i>	14	3
Camel (Arabian Camel) Dromedary	<i>Camelus dromedarius</i>	70	3
Carrot	<i>Daucus carota</i>	18	3
Cat	<i>Felix maniculata</i>	38	3
Catfish	<i>Ictalurus punctatus</i>	58	3
	<i>Brassica campestris</i>	20	3 .
Black Mustard	<i>Brassica nigra</i>	16	3
Broccoli	<i>Brassica oleracea</i>	18	3
Cabbage	<i>Brassica oleracea</i>	18	3
Cattle, wild	<i>Bos gaurus</i>	56	3
Cattle, Dulong	<i>Bos frontalis</i>	58	3
Cattle	<i>Bos taurus</i>	60	3.
Cherry	<i>Prunus cerasus</i>	32	3
Chicken	<i>Gallus domesticus</i>	77,78	1 . . 3
Chickweed	<i>Stellaria media</i>	40,44	
Chinchilla	<i>Chinchilla lanigera</i>	64	3
Chives	<i>Allium schoenoprasum</i>	16	
Cloudberry	<i>Rubus chamaemorus</i>	56	
Coffee	<i>Coffea arabica</i>	22, 44, 66, 88	3
Cord grass	<i>Spartina townsendii</i>	126	3
Corn (Maize)	<i>Zea mays</i> L.	20 1	3
Cotton, Peruvian	<i>Gossypium peruvianum</i>	52	

Cotton, Upland	<i>Gossypium hirsutum</i>	52	3
Cotton, wild	<i>Gossypium thurberi</i>	26, 52	3
Cowpea	<i>Vigna unguiculata</i>	22	3
Crocus	<i>Crocus chrysanthus, Crocus biflorus</i>	(6), 8, 10, 12, 13, 14, 16, 18, 19, 20, 22	3
Cucumber	<i>Cucumis sativus</i>	14	3
Cyclamen	<i>Cyclamen africanum</i>	34, 68 (tetraploid)	3
Dahlia, cultivated	<i>Dahlia variabilis</i>	64	3
Dahlia, wild	<i>Dahlia</i>	32	3
Daisy	<i>Bellis perennis</i>	18	
Dandelion	<i>Taraxacum vulgare</i>	24	
Dog	<i>Canis familiaris</i>	78	3
Dog's Mercury	<i>Mercurialis perennis</i>	64	
Donkey	<i>Equus asinus</i>	62	3
Dove	<i>Columba livia domestica</i>	78	
Duck	<i>Anas platyrhynchos</i>	80	2 . . 3
Earthworm	<i>Allolobophora caliginosa typica</i>	36	
Elm	<i>Ulmus</i>	2n=2x=28 12 new taxa	3
Elm, American	<i>Ulmus</i>	2n=4x=56 the only tetraploid	3
English Bluebell	<i>Endymion non-scriptus</i>	16	
European Dewberry	<i>Rubus caesius</i>	28	
European Wild Raspberry	<i>Rubus idaeus</i>	14	
Evening Primrose	<i>Oenothera lamarckiana</i>	14, 28	3
Fowl	<i>Gallus domesticus</i>	76	
Fox	<i>Vulpes vulpes crucigera</i>	36	
Foxglove	<i>Digitalis purpurea</i>	56	
Frog	<i>Rana esculenta</i>	26	3
Fruit fly, Vinegar fly	<i>Drosophila melanogaster</i>	8	3
Goat	<i>Capra hircus</i>	60	3
Goldfish	<i>Carassius auratus</i>	94	1
Gooseberry	<i>Ribes grossularia</i>	16	
Gorilla	<i>Gorilla gorilla</i>	48	3
Groundsel	<i>Senecio vulgaris</i>	40	
Guinea pig	<i>Cavia cobaya</i>	64	3
Guppy	<i>Lebistes reticulata</i>	46	
Gypsy moth	<i>Lymantria dispar</i>	62	4
Haemanthus	<i>Haemanthus albiflorus</i>	16	
Hamster (common)	<i>Cricetus cricetus</i>	20	
Hamster (golden)	<i>Mesocricetus auratus</i>	42	
Hemp Nettle	<i>Galeopsis tetrahit</i>	32	
Honey bee	<i>Apis mellifica</i>	32, 16	1
Hop	<i>Humulus lupulus</i>	18, 20	3
Horse	<i>Equus caballus</i>	66	3
Horse	<i>Equus caballus</i>	64	3
Housefly	<i>Musca domestica</i>	12	3
Human	<i>Homo sapiens</i>	46	3
Hyacinth	<i>Hyacinthus orientalis</i>	24,32	
Hydra	<i>Hydra vulgaris</i>	32	1
Italian Ryegrass	<i>Lolium multiflorum</i>	14	
Johnson grass	<i>Sorhum halepense</i>	20	4
King Crab	<i>Paralithodes camtschatica</i>	208	3
Laburnum, Yellow	<i>Laburnum vulgare</i>	48	3

Lentil		14	3
Lettuce		18	3
Lizard	<i>Lacerta vivipara</i>	36	
Locust	<i>Locusta locusta</i>	10	
Loganberry	<i>Rubus loganobaccus</i>	42	
Lungfish	<i>Protopterus</i>	38	
Maidenhair Tree	<i>Ginkgo biloba</i>	24	
Mink, - Aleutian	<i>Mustela vision</i>	30	3
Mosquito	<i>Culex pipiens</i>	6	1 .. 3
Mouse	<i>Mus musculus</i>	40	3
Mungbean		22	3
Black Muntjac	<i>Muntiacus crinifrons</i>	2n = 8 in females and 2n = 9 in males	3
Chinese muntjac	<i>Muntiacus reevesi</i>	46	3
Nematode worm	<i>Caenorhabditis elegans</i>	6	3
Nemesia, Capejewels	<i>Nemesia strumosa</i>	18	
Newt	<i>Triturus cristatus</i>	24	
Oak, Common	<i>Quercus robur</i>	24	3
Oak, Scarlet	<i>Quercus coccinea</i>	24	1
Oat	<i>Avena sativa</i> L.	2n=6x=42	3
Onion Mitosis	<i>Allium cepa</i>	16	3
Opossum	<i>Didelphys virginiana</i>	22	3
Orange	<i>Citrus sinensis</i>	18,27,36	1. 3
Orchid	Miltoniopsis	56 (84=3n)	3
Ox	<i>Bos taurus</i>	60	
Pea	<i>Pisum sativum</i>	14	3
Peanut	<i>Arachis hypogae</i>	40	3
Pear	<i>Pyrus communis</i>	34,51,68	1 . . 3
Pepper		24	3
Petunia		14	3
	<i>Picea abies</i>	24	3
Pig	<i>Sus scrofa</i>	36, 37, 38 40	3 .
Pigeon	<i>Columba livia</i>	79,80	1
Pine, Scots	<i>Pinus sylvestris</i>	24	3
Pine, Yellow	<i>Pinus ponderosa</i>	24	1
Platyfish	<i>Platyopocilus maculatus</i>	48	1
Plum	<i>Prunus domestica</i>	48	1 . . 3
Porcupine	<i>Erethizon dorsatum</i>	34	3
Porpoise	<i>Phocoena</i>	44	3
Potato	<i>Solanum tuberosum</i>	48, 24, 72	3 .
Potato, wild		24	3
Primrose	<i>Primula vulgaris</i>	22	
Rabbit	<i>Oryctolagus cuniculus</i>	44 , 66	3
Radish	<i>Raphanus sativus</i>	18	1 . 3
Ramsons	<i>Allium ursinum</i>	14	3
Rape, Colza	<i>Brassica napus</i>	38	3 .
Raspberry, Rocky Mountain	<i>Rubus delicosus</i>	21	
Rat	<i>Rattus norvegicus</i>	42	3
Red-Hot Poker	<i>Kniphofia alodies</i>	12,13	
Redwood, Coast	<i>Sequoia sempervirens</i>	66	3 .
Rhesus monkey	<i>Macaca mulatta</i>	48	1
Rice	<i>Oryza sativa</i>	24	3

Rose	<i>Rosa</i>	14, 28 (hexaploid $2n=42$)	
Rye	<i>Secale cereale</i>	14	3
Rye grass	<i>Lolium perenne</i>	14	3
Sage	<i>Salvia officinalis</i>	14	
Salamander	<i>Calotes versicolor</i>	32	
Salamander	<i>Triturus viridescens</i>		3
Salmon	<i>Salmo carpio</i>	94	
Saltmarsh grass	<i>Spartina alterniflora</i>	28, 40, 42, 60, 62, 84, 120, 122, 124 3, 4, 6, 8, and 12 ploid	3
Sea Trout	<i>Salmo trutta</i>	80	
Shallot	<i>Allium ascalonicum</i>	16	
Sheep	<i>Ovis aries</i>	54	1
Shepherd's Purse	<i>Capsella rubella</i>	16	3
Shrew	<i>Suncus sp.</i>	23 36-40	3
Shrimp	<i>Penaeus sp.</i>	$2n=88-92$	3
Shrimp	<i>Eupagurus ochotensis</i>	254	1
Silk Worm	<i>Bombyx</i>	54	
Snapdragon	<i>Antirrhinum majus</i>	16	3
Solomon's Seal	<i>Polygonatum officinale</i>	20	
Sorghum	<i>Sorghum vulgare</i>	10	2
Sorrel	<i>Rumex acetosa</i>	12+XX, 12+XY1Y2	3
Soybean		40	3
Spartina	<i>Spartina alternifolia</i>	70	3
Spinach	<i>Spinacia oleracea</i>	10	
Spruce (Norway)	<i>Picea abies</i>	24	3
Squirrel		40	3
Stinging-Nettle	<i>Urtica dioica</i>	24, 48	3
Sudan Grass	<i>Sorghum sudanese</i>	20	
Sugar Cane	<i>Saccharum officinarum</i>	80	3
Summer Wheat	<i>Triticum dicoccum</i>	28	1 3
Sunflower	<i>Helianthus annuus</i>	$2n=2x=34$	3
Sweet pea	<i>Lathyrus odoratus</i>	14	1
Sweet Potato	<i>Ipomoea batatas</i>	90	3
Thorn Apple	<i>Datura stramonium</i>	24	3
Tiger Lily	<i>Lilium tigrinum</i>	24,36	3
Toad	<i>Bufo vulgaris</i>	22	1
Tobacco	<i>Nicotiana tabaccum</i>	48	3
Tomato	<i>Solanum lycopersicum</i>	24	3
Trillium	<i>Trillium</i>	10,15,20	3
Turkey	<i>Meleagris gallopavo</i>	81,82	1
Turnip	<i>Brassica rapa</i>	20	3 .
Turnip	<i>Brassica campestris</i>	20	3
Violet	<i>Viola lutea</i> subsp. <i>sudetica</i> ($2n=50$), <i>Viola tricolor</i> ($2n=26$)	50, 26	3
Watercress	<i>Nasturtium officinale</i>	32,48,64	
Wheat	<i>Triticum aestivum</i>	$2n=6x=42$	3
Wheat	<i>Triticum turgidum</i>	$2n=4x=28$	3
White Campion	<i>Silene alba</i>	22	
White Clover	<i>Trifolium repens</i>	32	3
Whitefish Mitosis	<i>Coregonus</i>	$2N = 36$ to $2N = 96$	3
Wild British Bramble	<i>Rubus dumetorum</i>	35	
Willow, Grey-leaf	<i>Salix glauca</i>	152	
Haplopappus			

(Compositae)	<i>Haplopappus gracilis</i>	4	3
Zebrafish	<i>Danio rerio</i>	50	3

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