

1. PDS Product ID	2. Date Taken	3. Location	4. Description	5. Named Feature	6. Feature Type	7. Mission/Source	8. Instrument	9. Related Publications
Set 1: Europa, general photos, set A								
europa_a_001_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Europa, global view, with high-res inset of a double ridge. From nominal mission, 1996-1997.	Europa	global view, double ridge	Galileo	Galileo SSI	n/a
europa_a_002_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI color image of Europa, global view, with high-res inset of Pwyl Crater and "Drkin" Mosaic (Conamara Chaos). From nominal mission, 1996-1997.	Europa, Pwyl, Conamara	global view, crater, double ridge	Galileo	Galileo SSI	n/a
europa_a_003_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image mosaics of Sub-Jovian and Anti-Jovian Hemispheres, superposed over Voyager SSI global views of Europa. Observations I2SESGLOBAL01, G1ESGLOBAL01.	Europa	global view	Galileo, Voyager	Galileo SSI, Voyager SSI	n/a
europa_a_004_pht	ca. late 1990s, early 2000s	Europa	Artistic montage: Galileo SSI color images of Conamara Chaos, Europa, at moderate- and high-resolutions. Signature by Michael Belton.	Europa, Conamara	global view, chaos terrain	Galileo	Galileo SSI	n/a
europa_a_005_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Europa "iceberg" feature; color inset of HMS Titanic for scale. Produced by J. Klemaszewski.	Europa	ice block	Galileo	Galileo SSI	n/a
europa_a_020_pht	ca. late 1970s-early 1980s	Europa	Voyager SSI color image of Europa, global view.	Europa	global view	Voyager	Voyager SSI	n/a
europa_a_021_pht	ca. late 1970s-early 1980s	Europa	Voyager SSI color image of Europa, global view. Clearer version of europa_a_020_pht .	Europa	global view	Voyager	Voyager SSI	n/a
Set 2: Europa, general photos, set B								
europa_b_001_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale images of the "wedges" region, Argadnel Regio, Europa, from C3 flyby, with high-res blow out (including scale bar) and med-res context.	Europa, Argadnel	ridge, wedges region	Galileo	Galileo SSI	n/a
europa_b_002_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale images of the "wedges" region, Argadnel Regio, Europa, from C3 flyby, with high-res blow out (including scale bar) and med-res context. See europa_b_001_pht for similar feature imaging.	Europa, Argadnel	ridge, wedges region	Galileo	Galileo SSI	n/a
europa_b_003_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale mosaic of the "wedges" region, Argadnel Regio, Europa, from C3 flyby, with high-res strip over low-res context.	Europa, Argadnel	ridge, wedges region	Galileo	Galileo SSI	n/a
europa_b_004_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale images of the "wedges" region, Argadnel Regio, Europa, from C3 flyby, with high-res blow out (including scale bar) and med-res context. See europa_b_001_pht for similar feature imaging.	Europa, Argadnel	ridge, wedges region	Galileo	Galileo SSI	n/a
europa_b_005_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Europa, global view, from the G2 flyby.	Europa	global view	Galileo	Galileo SSI	n/a
europa_b_006_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of the Europa surface, showing ridges and domes, from C3 flyby (pixelated subset of moderate resolution image).	Europa	ridge, dome	Galileo	Galileo SSI	n/a
europa_b_007_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of the Europa surface, showing ridges and domes, from C3 flyby (pixelated subset of moderate resolution image). Same as europa_b_006_pht , with scalebar.	Europa	ridge, dome	Galileo	Galileo SSI	n/a
europa_b_008_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of the Europa surface, showing arcuate and linear ridges, from C3 flyby (pixelated subset of moderate resolution image).	Europa	ridge	Galileo	Galileo SSI	n/a
Set 3: Barrow, Alaska, Earth - photos of Europa analog site								
europa_barrow_001_pht	May, 2003	Earth	Color field photograph from the NASA Astrobiology Institute, Europa Focus Group, Field trip to Arctic Ocean, Barrow, Alaska, May, 2003. Ice-covered lake.	Barrow, Alaska	ice-covered lake	unknown	hand-held camera	n/a
europa_barrow_002_pht	May, 2003	Earth	Color field photograph from the NASA Astrobiology Institute, Europa Focus Group, Field trip to Arctic Ocean, Barrow, Alaska, May, 2003. Chaotic ice blocks on snow-covered surface.	Barrow, Alaska	ice blocks	unknown	hand-held camera	n/a
europa_barrow_003_pht	May, 2003	Earth	Color field photograph from the NASA Astrobiology Institute, Europa Focus Group, Field trip to Arctic Ocean, Barrow, Alaska, May, 2003. Dark mound on snow-covered plains (mammoth carcass?)	Barrow, Alaska	unknown mound	unknown	hand-held camera	n/a
europa_barrow_004_pht	May, 2003	Earth	Color field photograph from the NASA Astrobiology Institute, Europa Focus Group, Field trip to Arctic Ocean, Barrow, Alaska, May, 2003. Dark mound on snow-covered plains (mammoth carcass?)	Barrow, Alaska	unknown mound	unknown	hand-held camera	n/a
europa_barrow_005_pht	May, 2003	Earth	Color field photograph from the NASA Astrobiology Institute, Europa Focus Group, Field trip to Arctic Ocean, Barrow, Alaska, May, 2003. Polar bear paw prints on snow.	Barrow, Alaska	polar bear paw prints	unknown	hand-held camera	n/a
europa_barrow_006_pht	May, 2003	Earth	Color field photograph from the NASA Astrobiology Institute, Europa Focus Group, Field trip to Arctic Ocean, Barrow, Alaska, May, 2003. Ice core.	Barrow, Alaska	ice core	unknown	hand-held camera	n/a
europa_barrow_007_pht	May, 2003	Earth	Color field photograph from the NASA Astrobiology Institute, Europa Focus Group, Field trip to Arctic Ocean, Barrow, Alaska, May, 2003. Snow-covered plains with researchers.	Barrow, Alaska	snow-covered plain	unknown	hand-held camera	n/a
europa_barrow_008_pht	May, 2003	Earth	Color field photograph from the NASA Astrobiology Institute, Europa Focus Group, Field trip to Arctic Ocean, Barrow, Alaska, May, 2003. Sled and rider on snow-covered plain. (Lighter version of europa_barrow_009_pht)	Barrow, Alaska	sled, snow-covered plain	unknown	hand-held camera	n/a
europa_barrow_009_pht	May, 2003	Earth	Color field photograph from the NASA Astrobiology Institute, Europa Focus Group, Field trip to Arctic Ocean, Barrow, Alaska, May, 2003. Sled and rider on snow-covered plain. (Darker version of europa_barrow_008_pht)	Barrow, Alaska	snow-covered plain	unknown	hand-held camera	n/a
europa_barrow_010_pht	May, 2003	Earth	Color field photograph from the NASA Astrobiology Institute, Europa Focus Group, Field trip to Arctic Ocean, Barrow, Alaska, May, 2003. Aerial view of patches of snow, ice on water (lake?).	Barrow, Alaska	snow covered ice flow	unknown	hand-held camera	n/a
europa_barrow_011_pht	May, 2003	Earth	Color field photograph from the NASA Astrobiology Institute, Europa Focus Group, Field trip to Arctic Ocean, Barrow, Alaska, May, 2003. Aerial view of patches of snow, ice on water (lake?).	Barrow, Alaska	snow covered ice flow	unknown	hand-held camera	n/a
europa_barrow_012_pht	May, 2003	Earth	Color field photograph from the NASA Astrobiology Institute, Europa Focus Group, Field trip to Arctic Ocean, Barrow, Alaska, May, 2003. Mammoth tusks, with R. an C. Greeley.	Barrow, Alaska	mammoth tusks, R & C Greeley	unknown	hand-held camera	n/a
europa_barrow_013_pht	May, 2003	Earth	Color field photograph from the NASA Astrobiology Institute, Europa Focus Group, Field trip to Arctic Ocean, Barrow, Alaska, May, 2003. Aerial view of patches of snow, ice on water (lake?). (Darker version of europa_barrow_014_pht)	Barrow, Alaska	snow covered ice flow	unknown	hand-held camera	n/a
europa_barrow_014_pht	May, 2003	Earth	Color field photograph from the NASA Astrobiology Institute, Europa Focus Group, Field trip to Arctic Ocean, Barrow, Alaska, May, 2003. Aerial view of patches of snow, ice on water (lake?). (Lighter version of europa_barrow_013_pht)	Barrow, Alaska	snow covered ice flow	unknown	hand-held camera	n/a
europa_barrow_015_pht	May, 2003	Earth	Color field photograph from the NASA Astrobiology Institute, Europa Focus Group, Field trip to Arctic Ocean, Barrow, Alaska, May, 2003. Aerial view of snow-covered plains with pressure ridges.	Barrow, Alaska	snow-covered plain, pressure ridges	unknown	hand-held camera	n/a
europa_barrow_016_pht	May, 2003	Earth	Color field photograph from the NASA Astrobiology Institute, Europa Focus Group, Field trip to Arctic Ocean, Barrow, Alaska, May, 2003. Aerial view of snow-covered plains with pressure ridges.	Barrow, Alaska	snow-covered plain, pressure ridges	unknown	hand-held camera	n/a
europa_barrow_017_pht	May, 2003	Earth	Color field photograph from the NASA Astrobiology Institute, Europa Focus Group, Field trip to Arctic Ocean, Barrow, Alaska, May, 2003. Group photo, including R. Greeley.	Barrow, Alaska	group photo, snow covered plains	unknown	hand-held camera	n/a
Set 4: Europa, general photos, set C								
europa_c_003_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Europa, limb view, of "wedges" region, dark spots, lineae.	Europa	wedge-shaped band, dark spot, linea, limb view	Galileo	Galileo SSI	n/a
europa_c_009_pht	ca. late 1990s, early 2000s	Europa, Earth, Moon	Galileo SSI color montage of Earth, Moon, and Europa. Produced by J. Klemaszewski, ASU.	Europa, Earth, Moon	global view	Galileo	Galileo SSI	n/a
Set 5: Europa, photos of color Galileo images								
europa_color_003_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI false color image of Europa plains, lineae, and domes (?).	Europa	plains, linea, dome	Galileo	Galileo SSI	n/a
europa_color_005_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI false color image of Europa plains, lineae, and domes (?). Lower right portion of europa_color_003_pht .	Europa	plains, linea, dome	Galileo	Galileo SSI	n/a
europa_color_006_pht	ca. late 1990s, early 2000s	Europa	Two Galileo SSI false color images of Europa surface (same area, different enhancement), including plains, lineae, and domes (?). Broader region of europa_color_003_pht .	Europa	plains, linea, dome	Galileo	Galileo SSI	n/a
europa_color_007_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI false color image of Europa surface of plains, lineae, and spots.	Europa	plains, linea, dark spot	Galileo	Galileo SSI	n/a
europa_color_011_pht	ca. late 1990s, early 2000s	Europa	Two Galileo SSI images of Europa trailing hemisphere, global views, true (left) and false (right) color composites from G2 data. Produced by DLR. Images are blurry. Similar image pair used in europa_color_010_dgm .	Europa	global view	Galileo	Galileo SSI	n/a
europa_color_012_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI false color image of Conamara Chaos, Europa.	Europa, Conamara	chaos terrain	Galileo	Galileo SSI	n/a
europa_color_013_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI false color image of Europa plains, lineae, and spots; annotation outlining specific features. Unknown source. Broader region of europa_color_003_pht .	Europa	plains, linea, dark spot	Galileo	Galileo SSI	n/a
europa_color_017_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI false color image of Conamara Chaos, Europa. Same image as europa_color_012_pht with enhanced stretch.	Europa, Conamara	chaos terrain	Galileo	Galileo SSI	n/a
europa_color_018_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI "true" color image of Conamara Chaos, Europa, with enhanced color stretch.	Europa, Conamara	chaos terrain	Galileo	Galileo SSI	n/a
europa_color_019_pht	ca. late 1990s, early 2000s	Europa	Cropped version of europa_color_012_pht . Galileo SSI "true" color image of Tyre Macula, enhanced color stretch. See also europa_craters_a_002_pht .	Europa, Tyre	macula	Galileo	Galileo SSI	n/a
Set 6: Europa, photos of crater features, set A								
europa_craters_a_001_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Europa, showing wedges, cycloids, and Clix crater.	Europa, Clix	wedge-shaped band, cycloid, crater	Galileo	Galileo SSI	n/a
europa_craters_a_002_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Tyre Macula, frame number s0389772507. See also europa_color_019_pht .	Europa, Tyre	macula	Galileo	Galileo SSI	n/a
europa_craters_a_003_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image mosaic of Pwyl Crater, observation E6ESCRATER STR; includes scale bar and north arrow.	Europa, Pwyl	crater	Galileo	Galileo SSI	n/a
europa_craters_a_005_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI false color image of small impact crater, lineae, and spots on Europa; includes scale bar and north arrow. Dark, thick linea to the right is Udaeus Linea.	Europa, Udaeus	crater, linea, dark spot	Galileo	Galileo SSI	n/a
europa_craters_a_008_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI color (enhanced) image of Europa, limb view, featuring Pwyl crater. Produced at Lunar and Planetary Laboratory, Univ. of Arizona. Image used in europa_craters_a_004_dgm .	Europa, Pwyl	limb view, crater, linea	Galileo	Galileo SSI	n/a
europa_craters_a_009_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image mosaic of Callanish crater, observation E4ESMACULA01; includes scale bar.	Europa, Callanish	crater	Galileo	Galileo SSI	n/a
europa_craters_a_012_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI color image of Clix crater, observation E15ESCILIX01; includes scale bar.	Europa, Clix	crater	Galileo	Galileo SSI	n/a
Set 7: Europa, photos of crater features, set B								
europa_craters_b_002_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image montage of impact craters on Europa; includes scale bar and north arrow.	Europa	crater	Galileo	Galileo SSI	n/a
europa_craters_b_003_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image mosaic of Europa, global view, with high-res color inset of Clix crater; includes scale bar. Observation E15ESCILIX01, color composite.	Europa, Clix	crater	Galileo	Galileo SSI	n/a
europa_craters_b_004_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI color image of Europa, global view, with high-res blow out of Pwyl crater; includes scale bar. See also europa_craters_a_004_dgm .	Europa, Pwyl	crater	Galileo	Galileo SSI	n/a
europa_craters_b_007_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of putative craters on Europa, featuring double ridges and albedo features.	Europa	crater, double ridge, albedo feature	Galileo	Galileo SSI	n/a
europa_craters_b_009_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI and NIMS color composite of Tyre Macula. See also europa_craters_a_002_pht .	Europa, Tyre	macula	Galileo	Galileo SSI	n/a

europa_craters_b_010_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI images Callanish (grayscale), observation E4DRKMAT01, and Tyre (color), observation E14TYREHR01; includes scale bars.	Europa, Callanish, Tyre	crater	Galileo	Galileo SSI	n/a
europa_craters_b_011_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image, oblique view, of impact crater and cycloids.	Europa	crater, cycloid	Galileo	Galileo SSI	n/a
Set 10: Europa, photos of dome features								
europa_dome_002_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image montage of Europa domes; annotated. Unknown source.	Europa	dome	Galileo	Galileo SSI	n/a
europa_dome_004_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of possible dome on Europa. Handwritten note: "Bottom of 85139, 0.36 km/pix"	Europa	dome	Galileo	Galileo SSI	n/a
europa_dome_006_pht	ca. late 1990s, early 2000s	Europa, Earth	Two grayscale image montage. Left: grayscale photograph of terrestrial analog of volcanic dome in Oregon; includes scale bar. Right: Galileo SSI image of Europa dome; includes scale bar.	Europa, Oregon	volcanic dome, dome	Galileo	Galileo SSI	n/a
europa_dome_007_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image montage of domes on Europa; includes scale bars. Set in blue slide background.	Europa	dome	Galileo	Galileo SSI	n/a
europa_dome_010_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image montage of domes on Europa. Figure for publication (?), unknown source.	Europa	dome	Galileo	Galileo SSI	n/a
europa_dome_013_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale moderate-resolution image of domes on Europa, with high-res blow out; includes scale bars. Set in blue slide background.	Europa	dome	Galileo	Galileo SSI	n/a
europa_dome_014_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of domes and lineae on Europa; inset is of dome seen in context image with different orientation and projection.	Europa	dome, linea	Galileo	Galileo SSI	n/a
europa_dome_015_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Murias Chaos, aka "The Mitten", Europa. Observation E15ESREGMAP02.	Europa, Murias "The Mitten"	chaos terrain, ridged plains, linea	Galileo	Galileo SSI	n/a
europa_dome_016_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Murias Chaos, aka "The Mitten", Europa, oblique view.	Europa, Murias "The Mitten"	chaos terrain, ridged plains, linea	Galileo	Galileo SSI	n/a
europa_dome_017_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of dome on Europa; includes scale bar.	Europa	dome	Galileo	Galileo SSI	n/a
europa_dome_018_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of small domes on Europa; includes scale bar.	Europa	dome	Galileo	Galileo SSI	n/a
Set 11: Europa, photos of features from Galileo orbit E-4								
europa_e_04_001_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI enhanced color image of Europa, limb view, with blow out of high-res SSI grayscale image of Conamara Chaos.	Europa, Conamara, Pwyll	chaos terrain, limb view	Galileo	Galileo SSI	n/a
europa_e_04_002_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale E4 image of Europa linear ridges.	Europa	linear ridge	Galileo	Galileo SSI	n/a
europa_e_04_003_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale observation E4ESDRKMAT02 of Europa surface, including "the puddle" and ridged plains; includes scale bar.	Europa	smooth resurfaced area, ridged plains	Galileo	Galileo SSI	n/a
europa_e_04_004_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale E4 image of Europa, ridged plains; includes scale bar.	Europa	ridged plains	Galileo	Galileo SSI	n/a
europa_e_04_005_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale E4 image of Callanish Crater "Macula", Europa.	Europa, Callanish	macula	Galileo	Galileo SSI	n/a
europa_e_04_006_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale E4 image of Europa, ridged plains; includes scale bar.	Europa	ridged plains, linea	Galileo	Galileo SSI	n/a
europa_e_04_007_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale E4 image of Europa, ridged plains and chaos; includes scale bar.	Europa	ridged plains, chaos terrain	Galileo	Galileo SSI	n/a
europa_e_04_008_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale E4 image of Europa, ridged plains and chaos.	Europa	ridged plains, chaos terrain, linea	Galileo	Galileo SSI	n/a
europa_e_04_009_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale E4 image of Europa, chaos and broken ridged plains.	Europa	ridged plains, chaos terrain	Galileo	Galileo SSI	n/a
europa_e_04_010_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale E4 image of Europa surface, mid-res, ridged plains and lineae; includes scale bar.	Europa	ridged plains, linea	Galileo	Galileo SSI	n/a
europa_e_04_011_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale E4 image of Europa, ridged plains, chaos terrain, and a band.	Europa	ridged plains, chaos terrain, band	Galileo	Galileo SSI	n/a
europa_e_04_012_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale E4 image of Europa, chaos and ridged plains; includes scale bar.	Europa	chaos terrain, ridged plains	Galileo	Galileo SSI	n/a
europa_e_04_013_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale high-res E4 images of Europa surface, superposed over low-res context image, chaos terrain and ridged plains; includes scale bar.	Europa	chaos terrain, ridged plains	Galileo	Galileo SSI	n/a
europa_e_04_014_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale high-res E4 images of Europa surface, chaos terrain and ridged plains. High-resolution images also used in europa_e_04_013_pht .	Europa	chaos terrain, ridged plains	Galileo	Galileo SSI	n/a
europa_e_04_015_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale E4 images of Europa, global view, with high-res blow outs of Callanish Crater and ridged plains.	Europa, Callanish	crater, ridged plains, global view	Galileo	Galileo SSI	n/a
europa_e_04_016_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale high-res E4 images of Europa surface, superposed over lower-res context image, chaos terrain and ridged plains. Higher-contrast version of europa_e_04_013_pht .	Europa	chaos terrain, ridged plains	Galileo	Galileo SSI	n/a
europa_e_04_017_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale observation E4ESDRKMAT02 of Europa surface, including "the puddle" and ridged plains; includes scale bar. Better processed version of europa_e_04_003_pht .	Europa	smooth resurfaced area, ridged plains	Galileo	Galileo SSI	n/a
europa_e_04_018_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Europa, observation E4ESMACSTR01, ridged plains; includes scale bar and north arrow.	Europa	ridged plains	Galileo	Galileo SSI	n/a
europa_e_04_019_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale E4 image of Europa linear ridges; includes scale bar. Same observation as europa_e_04_002_pht .	Europa	linear ridge	Galileo	Galileo SSI	n/a
Set 12: Europa, photos of features from Galileo orbit E-6								
europa_e_06_001_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Pwyll Crater, Europa; observation E6ESCRATER01; includes scale bar, north arrow, and sun direction.	Europa, Pwyll	crater, ridged plains	Galileo	Galileo SSI	n/a
europa_e_06_002_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Europa surface, ridged plains and domes; frame S0383713752; includes scale bar.	Europa	ridged plains, dome	Galileo	Galileo SSI	n/a
europa_e_06_003_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Pwyll Crater, Europa; observation E6ESCRATER01 (subset); includes scale bar and north arrow. Cropped version of europa_e_06_001_pht .	Europa, Pwyll	crater, ridged plains	Galileo	Galileo SSI	n/a
europa_e_06_004_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale E6 image of Europa ridged plains, domes, and chaos terrain.	Europa	ridged plains, dome, chaos terrain	Galileo	Galileo SSI	n/a
europa_e_06_005_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale E6 image of Europa, chaos terrain; frame S0383717526.3.	Europa	chaos terrain	Galileo	Galileo SSI	n/a
europa_e_06_006_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale E6 image of Europa surface, ridged plains, domes, and chaos terrain.	Europa	ridged plains, dome, chaos terrain	Galileo	Galileo SSI	n/a
europa_e_06_007_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale E6 image of Europa ridged plains, domes, and chaos terrain. Cropped version of europa_e_06_004_pht .	Europa	ridged plains, dome, chaos terrain	Galileo	Galileo SSI	n/a
europa_e_06_008_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Europa surface, ridged plains and domes; frame S0383713752. Same as europa_e_06_002_pht without scale bar and frame ID.	Europa	ridged plains, dome	Galileo	Galileo SSI	n/a
europa_e_06_009_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Pwyll Crater, Europa; observation E6ESCRATER01 (subset); includes scale bar. Duplicate of europa_e_06_003_pht .	Europa, Pwyll	crater, ridged plains	Galileo	Galileo SSI	n/a
europa_e_06_010_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale E6 image of Europa ridges, domes, and chaos terrain.	Europa	ridged plains, dome, chaos terrain	Galileo	Galileo SSI	n/a
europa_e_06_011_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale of Europa ridged plains; observation E6ESBRTPLN02; includes scale bar.	Europa	ridged plains	Galileo	Galileo SSI	n/a
europa_e_06_012_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale E6 image of Europa, Conamara Chaos.	Europa, Conamara	chaos terrain	Galileo	Galileo SSI	n/a
europa_e_06_013_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Europa band with chaos, ridged plains; frame S0383717500.3.	Europa	band, chaos terrain, ridged plains	Galileo	Galileo SSI	n/a
europa_e_06_014_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Europa chaos terrain and ridged plains; frame S0383717539.	Europa	chaos terrain, ridged plains	Galileo	Galileo SSI	n/a
europa_e_06_015_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Europa ridge and ridged plains; observation E6ESBRTPLN02; includes scale bar, north arrow.	Europa	ridge, ridged plains	Galileo	Galileo SSI	n/a
europa_e_06_016_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Europa ridged plains; frame S0383718626; includes scale bar.	Europa	ridged plains	Galileo	Galileo SSI	n/a
europa_e_06_017_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image mosaic of Conamara Chaos, Europa, includes ridges, domes, and chaos terrain; observation E6ESDRKLN01; includes scale bar.	Europa, Conamara	chaos terrain, ridge, dome	Galileo	Galileo SSI	n/a
europa_e_06_018_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Europa ridged plains; frame S0383718600; includes scale bar.	Europa	ridged plains	Galileo	Galileo SSI	n/a
europa_e_06_019_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Europa ridge and ridged plains; frame S0383718652; includes scale bar.	Europa	ridged plains	Galileo	Galileo SSI	n/a
Set 13: Europa, photos of features from Galileo orbit E-11								
europa_e_11_001_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Europa chaos terrain and ridged plains; observation E11ESREGMAP01 (subset); includes scale bar.	Europa	chaos terrain, ridged plains	Galileo	Galileo SSI	n/a
europa_e_11_002_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale E11 image of Europa, chaos terrain.	Europa	chaos terrain	Galileo	Galileo SSI	n/a
europa_e_11_003_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale E11 image of Europa, band, lineae, domes, and ridged plains.	Europa	band, linea, dome, ridged plains	Galileo	Galileo SSI	n/a
europa_e_11_004_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale E11 image of Europa, chaos terrain and ridged plains.	Europa	chaos terrain, ridged plains	Galileo	Galileo SSI	n/a
europa_e_11_005_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale E11 image of Europa, chaos terrain and ridged plains.	Europa	chaos terrain, ridged plains	Galileo	Galileo SSI	n/a
europa_e_11_006_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI "true" color observation of Europa dark material and ridged plains.	Europa	dark material, ridged plains	Galileo	Galileo SSI	n/a
europa_e_11_007_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Europa band, chaos terrain, lineae, and ridged plains; observation E11ESREGMAP01; includes scale bar. See also europa_e_11_001_pht .	Europa	band, chaos terrain, linea, ridged plains	Galileo	Galileo SSI	n/a
europa_e_11_008_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale E11 image of Europa, chaos terrain and ridged plains.	Europa	chaos terrain, ridged plains	Galileo	Galileo SSI	n/a
europa_e_11_009_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image mosaic of Europa bands, lineae, chaos terrain, and ridged plains; observation E11ESMORPHY01; includes scale bar.	Europa	band, linea, chaos terrain, ridged plains	Galileo	Galileo SSI	n/a
europa_e_11_010_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale E11 image of Europa chaos terrain and ridged plains.	Europa	chaos terrain, ridged plains	Galileo	Galileo SSI	n/a
europa_e_11_011_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI "true" color observation of Europa dark material and ridged plains.	Europa	dark material, ridged plains	Galileo	Galileo SSI	n/a
europa_e_11_012_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale E11 image of Europa chaos terrain and ridged plains.	Europa	chaos terrain, ridged plains	Galileo	Galileo SSI	n/a
europa_e_11_013_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale E11 image of Europa chaos terrain; includes scale bar, annotation.	Europa	chaos terrain	Galileo	Galileo SSI	n/a
europa_e_11_014_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale E11 image of Europa chaos area in band and ridged plains.	Europa	chaos terrain, band, ridged plains	Galileo	Galileo SSI	n/a
europa_e_11_015_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale E11 image of Europa chaos terrain, frame S0420619226, as a high-res blow out view, with low-res G1 image for context. See europa_e_11_001_pht for high-res version of blow out image.	Europa	chaos terrain	Galileo	Galileo SSI	n/a
Set 14: Europa, photos of features from Galileo orbit E-12								
europa_e_12_001_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale E12 image of Europa trailing hemisphere: high-res blow out of domes and ridged plains, with color global image for context; includes scale bar.	Europa	dome, ridged plains, limb view	Galileo	Galileo SSI	n/a

europa_e_12_002_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale E12 image of Europa mottled terrain, high-res blow out of ridged plains, with G1 regional image mosaic for context.	Europa	mottled terrain	Galileo	Galileo SSI	n/a	
europa_e_12_003_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale high-res E12 image of Europa platy chaos terrain; includes scale bar.	Europa	chaos terrain	Galileo	Galileo SSI	n/a	
europa_e_12_004_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale high-res E12 image of Europa chaos terrain; includes scale bar.	Europa	chaos terrain	Galileo	Galileo SSI	n/a	
europa_e_12_005_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale high-res E12 image of Europa platy chaos terrain; includes scale bar.	Europa	chaos terrain	Galileo	Galileo SSI	n/a	
europa_e_12_006_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale high-res E12 image of Europa chaos terrain; includes scale bar.	Europa	chaos terrain	Galileo	Galileo SSI	n/a	
europa_e_12_007_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale high-res E12 image of Europa chaos terrain; includes scale bar.	Europa	chaos terrain	Galileo	Galileo SSI	n/a	
europa_e_12_008_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale high-res E12 image of Europa platy chaos terrain; includes scale bar.	Europa	chaos terrain	Galileo	Galileo SSI	n/a	
europa_e_12_009_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale E12 image of Europa ridged and banded plains; includes scale bar and north arrow.	Europa	ridged plains, banded plains	Galileo	Galileo SSI	n/a	
europa_e_12_010_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale E12 image of Europa ridged plains and possible cryoflows; includes scale bar, north arrow.	Europa	ridged plains, cryoflow	Galileo	Galileo SSI	n/a	
europa_e_12_011_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale high-res E12 image of Europa chaos terrain, blow out view, with lower-res color image for context; includes scale bar.	Europa	chaos terrain	Galileo	Galileo SSI	n/a	
europa_e_12_012_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale high-res E12 image of Europa platy chaos terrain; observation E12ESCHAOS01; includes scale bar.	Europa	chaos terrain	Galileo	Galileo SSI	n/a	
europa_e_12_013_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale high-res E12 image of Europa chaos terrain, blow out view, with lower-res color image for context; includes scale bar. See also europa_e_12_011_pht .	Europa	chaos terrain	Galileo	Galileo SSI	n/a	
europa_e_12_014_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale high-res E12 image of Europa chaos terrain, blow out view, with low-res color image for context; includes scale bar. See also europa_e_12_011_pht .	Europa	chaos terrain	Galileo	Galileo SSI	n/a	
Set 15: Europa, photos of features from Galileo orbit E-14									
europa_e_14_001_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale E14 image of Europa, "wedges" region, Argadnel Regio, Europa; includes scale bar. Brown color is due to degradation of film.	Europa, Argadnel	wedges region	Galileo	Galileo SSI	n/a	
europa_e_14_002_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Tyre Macula, Europa, observation E14ESTYRE01; high-res blow out of E15ESRELIEF02 showing ridged plains; includes scale bar.	Europa, Tyre	macula, ridged plains	Galileo	Galileo SSI	n/a	
europa_e_14_003_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Tyre Macula region, Europa, observation E14ESTYRE01; blow outs of E14 imaged features, domes and ridged plains, and high-res E15ESRELIEF01/02 showing ridged plains.	Europa, Tyre	macula, ridged plains	Galileo	Galileo SSI	n/a	
europa_e_14_004_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image mosaic of Europa dark material and ridged plains; observation E14ESDRKSP01; includes scale bar and north arrow.	Europa	dark material, ridged plains	Galileo	Galileo SSI	n/a	
Set 16: Europa, photos of features from Galileo orbit E-15									
europa_e_15_004_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale observation E15ESREGMAP01 (subset) of Europa surface, high-res blow out view, with moderate-res color image for context, showing lineae, domes, pits; includes scale bar and north arrow. See also europa_e_15_019_pht .	Europa	linea, dome, pit	Galileo	Galileo SSI	n/a	
europa_e_15_006_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale observation E15ESREGMAP01 (2 frame mosaic) of Europa surface, high-res blow out view, with moderate-res color image for context, showing lineae, domes, pits; includes scale bar and north arrow. See also europa_e_15_004_pht .	Europa	linea, dome, pit	Galileo	Galileo SSI	n/a	
europa_e_15_008_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale observation E15ESCLIX02 (subset) of Clix crater region, Europa, showing ridged plains; includes scale bar.	Europa, Clix	ridged plains	Galileo	Galileo SSI	n/a	
europa_e_15_009_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale observation E15ESREGMAP02 (frame S0449974352) of Europa surface, including high-res blow out observation E11ESMORPHY01, showing ridged plains, chaos terrain, lineae; includes scale bar.	Europa	ridged plains, chaos terrain, linea	Galileo	Galileo SSI	n/a	
europa_e_15_010_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale observation E15ESREGMAP01 (subset) of Europa surface, highlighting pits and domes with lineae; includes scale bar.	Europa	pit, dome, linea	Galileo	Galileo SSI	n/a	
europa_e_15_011_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale observation E15ESRELIEF02 of Europa surface, showing lineae, domes; includes scale bar and north arrow.	Europa	linea, dome	Galileo	Galileo SSI	n/a	
europa_e_15_012_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI color observation E15ESCLIX01 of Clix crater, Europa, blow out view, with low-res grayscale global view for context, showing crater and ridged plains; includes scale bar.	Europa, Clix	crater, ridged plains	Galileo	Galileo SSI	n/a	
europa_e_15_014_pht	ca. late 1990s, early 2000s	Europa	Color stereo anaglyph of SSI observations E15ESRELIEF01/02 of Europa surface, showing ridged plains, domes, and lineae; includes scale bar and north arrow.	Europa	ridged plains, dome, linea	Galileo	Galileo SSI	n/a	
europa_e_15_015_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale observation E15ESRELIEF02, north portion (preliminary mosaic), showing ridged plains and lineae; includes scale bar.	Europa	ridged plains, linea	Galileo	Galileo SSI	n/a	
europa_e_15_016_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale observation E15ESRELIEF02 (preliminary mosaic), high-res blow out view, with low-res image of Tyre Macula for context; includes scale bar.	Europa, Tyre	macula, linea	Galileo	Galileo SSI	n/a	
europa_e_15_017_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale observation E15ESRELIEF02, south portion (preliminary mosaic), with Murias Chaos, aka "The Mitten", ridged plains, and lineae; includes scale bar.	Europa, Murias "The Mitten"	chaos terrain, ridged plains, linea	Galileo	Galileo SSI	n/a	
europa_e_15_019_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale observation E15ESREGMAP01 (subset) of Europa surface, high-res blow out view, with moderate-res color image for context, showing lineae, domes, pits; includes scale bar and north arrow. See also europa_e_15_004_pht .	Europa	linea, dome, pit	Galileo	Galileo SSI	n/a	
Set 17: Europa, photos of features from Galileo orbit E-17									
europa_e_17_003_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale high-res observation E17ESLILIN01 of Libya Linea, Europa, showing broad band, ridged plains, and lineae; includes scale bar.	Europa, Libya	band, ridged plains, linea	Galileo	Galileo SSI	n/a	
europa_e_17_004_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI color observation E17ESREGMAP01 (two image mosaic) of Thera and Thrace Maculae, Europa, showing chaos terrain and ridged plains; includes scale bar and north arrow.	Europa, Thera, Thrace	macula, chaos terrain, ridged plains	Galileo	Galileo SSI	n/a	
europa_e_17_005_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image frames of E17ESREGMAP01 observation, with G1 mosaic for context, showing ridged plains, wedges, and chaos terrain; includes scale bar.	Europa	ridged plains, wedge-shaped band, chaos terrain	Galileo	Galileo SSI	n/a	
europa_e_17_006_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale observation E17ESAGENOR03 (image mosaic subset, west side) of Agenor Linea, Europa, showing a broad band, ridged plains, and chaos terrain; includes scale bar and north arrow.	Europa, Agenor	band, ridged plains, chaos terrain	Galileo	Galileo SSI	n/a	
europa_e_17_007_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale observation E17ESSTRSLP01 (image mosaic subset) of Europa surface, emphasizing large band in ridged plains, lineae, and dome; includes scale bar and north arrow.	Europa	band, ridged plains, linea, dome	Galileo	Galileo SSI	n/a	
europa_e_17_008_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale observation E17ESSOUTH01 of Europa south polar area, showing ridged plains, lineae, and chaos terrain; includes scale bar and north arrow.	Europa	ridged plains, linea, chaos terrain	Galileo	Galileo SSI	n/a	
Set 18: Europa, photos of features from Galileo orbit G-1									
europa_g_01_002_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale observation of Europa from G1 flyby.	Europa	ridged plains, linea, dark spot, crater	Galileo	Galileo SSI	n/a	
europa_g_01_003_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale observation of Europa from G1 flyby.	Europa	ridged plains, linea, dark spot	Galileo	Galileo SSI	n/a	
europa_g_01_004_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale observation of Europa from G1 flyby.	Europa	ridged plains, linea, dark spot, wedge-shaped band, crater	Galileo	Galileo SSI	n/a	
europa_g_01_005_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale observation of Europa from G1 flyby.	Europa	ridged plains, linea, dark spot	Galileo	Galileo SSI	n/a	
europa_g_01_006_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale observation of Europa from G1 flyby; pixelated.	Europa	ridged plains, linea, dark spot	Galileo	Galileo SSI	n/a	
europa_g_01_007_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale observation of Europa from G1 flyby; pixelated.	Europa	ridged plains, linea, dark spot	Galileo	Galileo SSI	n/a	
europa_g_01_008_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale observation of Europa from G1 flyby, limb view.	Europa	ridged plains, linea, dark spot, crater, limb view	Galileo	Galileo SSI	n/a	
europa_g_01_009_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale observation of Europa from G1 flyby. Stretched contrast version of europa_g_01_004_pht .	Europa	ridged plains, linea, dark spot, wedge-shaped band, crater	Galileo	Galileo SSI	n/a	
europa_g_01_010_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale observation of Europa from G1 flyby.	Europa	ridged plains, linea, dark spot	Galileo	Galileo SSI	n/a	
europa_g_01_011_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale observation of Europa from G1 flyby, limb view.	Europa	ridged plains, linea, dark spot, limb view	Galileo	Galileo SSI	n/a	
europa_g_01_012_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale observation of Europa from G1 flyby, focus on crater.	Europa	ridged plains, linea, crater	Galileo	Galileo SSI	n/a	
europa_g_01_013_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale observation of Europa from G1 flyby.	Europa	ridged plains, linea, dark spot, wedge-shaped band, crater	Galileo	Galileo SSI	n/a	
europa_g_01_014_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale observation of Europa from G1 flyby. Cropped version of europa_g_01_002_pht .	Europa	ridged plains, linea, dark spot, crater	Galileo	Galileo SSI	n/a	
europa_g_01_015_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale observation of Europa from G1 flyby, broad area. Unprojected version of europa_g_01_016_pht .	Europa	ridged plains, linea, dark spot, wedge-shaped band, crater	Galileo	Galileo SSI	n/a	
europa_g_01_016_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale mosaic of Europa from G1 flyby. Disrupted Terrain Seen by Galileo during G1; Orthographic projection of S0349875113 and 9875126, centered on lat -10, long 210; includes scale bar. Projected version of europa_g_01_015_pht .	Europa	ridged plains, linea, dark spot, wedge-shaped band, crater	Galileo	Galileo SSI	n/a	
europa_g_01_017_pht	ca. late 1990s, early 2000s	Europa	Combined Voyager SSI and Galileo G1 SSI grayscale observation coverage, global view.	Europa	ridged plains, linea, dark spot, wedge-shaped band, crater, global view	Galileo, Voyager	Galileo SSI, Voyager SSI	n/a	
europa_g_01_018_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale observation of Europa from G1 flyby, terminator view.	Europa	ridged plains, dark spot	Galileo	Galileo SSI	n/a	
europa_g_01_019_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale observation of Europa, mid-res image from G1, with focus on crater in ridged plains. Lower image includes superposed high-res C3 image (terminator view).	Europa	ridged plains, crater, wedge-shaped band, linea	Galileo	Galileo SSI	n/a	
Set 19: Europa, photos of features from Galileo orbit G-2									
europa_g_02_003_pht	ca. late 1990s, early 2000s	Europa	G2 Europa Photometry Observation. Galileo SSI grayscale image of Europa, global view; pixelated.	Europa	global view	Galileo	Galileo SSI	n/a	
Set 20: Europa, photos of Galileo images featured in press releases, set A									
europa_gll_p_a_001_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale observation of Europa from G1 flyby. Duplicate of europa_g_01_002_pht .	Europa	ridged plains, linea, dark spot, crater	Galileo	Galileo SSI	JPL Press photo P-47173	
europa_gll_p_a_002_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale observation of Europa from G1 flyby, limb view. Expanded version of europa_g_01_005_pht .	Europa	ridged plains, linea, dark spot, limb view	Galileo	Galileo SSI	JPL Press photo P-47174	
europa_gll_p_a_003_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Europa; ridged plains and bands, with outline of mosaic footprint.	Europa	band, ridged plains	Galileo	Galileo SSI	JPL Press photo P-49636	
europa_gll_p_a_004_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of "wedges" region, Argadnel Regio, Europa.	Europa, Argadnel	wedges region, linea, dark spot	Galileo	Galileo SSI	JPL Press photo P-47170	

europa_gll_p_a_005_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Europa; ridged plains, with terminator.	Europa	ridged plains	Galileo	Galileo SSI	JPL Press photo P-47185
europa_gll_p_a_006_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image mosaic of Europa from G1 flyby, covering broad surface area.	Europa	linea, ridged plains, dark spot, crater	Galileo	Galileo SSI	JPL Press photo P-47183
europa_gll_p_a_007_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI false color image of Tyre Macula, Europa, with NIMS data.	Europa, Tyre	crater, macula, linea	Galileo	Galileo SSI, NIMS	JPL Press photo P-49445
europa_gll_p_a_008_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale images of Europa; ridged plains, two views.	Europa	ridged plains	Galileo	Galileo SSI	JPL Press photo P-48183
europa_gll_p_a_009_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale images of Europa; ridged plains; two views, bottom image is very low-resolution.	Europa	ridged plains	Galileo	Galileo SSI	JPL Press photo P-48184
europa_gll_p_a_010_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Europa; ridged plains, broad band feature, and triple bands.	Europa	ridged plains, band, triple band	Galileo	Galileo SSI	JPL Press photo P-48531
europa_gll_p_a_011_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Europa; broad surface area, limb view.	Europa	linea, ridged plains, dark spot, crater	Galileo	Galileo SSI	JPL Press photo P-47184
europa_gll_p_a_012_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI high-res grayscale and color 15-image montage/array of Europa surface features and a color global view.	Europa	triple band, linea, dark spot, wedge-shaped band, chaos terrain, macula, global view	Galileo	Galileo SSI	JPL Press photo P-49278
europa_gll_p_a_013_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Europa surface, with Manann'an Crater and Belus Linea; subset of europa_gll_p_a_006_pht.	Europa, Manann'an, Belus	crater, linea, dark spot, wedge-shaped band	Galileo	Galileo SSI	JPL Press photo P-47169
europa_gll_p_a_014_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Europa; triple bands and lineae crossing, dark spots.	Europa	linea, triple band, dark spot	Galileo	Galileo SSI	JPL Press photo P-47186
europa_gll_p_a_015_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Europa; ridged plains with some resurfacing.	Europa	ridged plains	Galileo	Galileo SSI	JPL Press photo P-50172
europa_gll_p_a_016_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Europa; ridged plains, chaos terrain, heavily fractured surface.	Europa	ridged plains, chaos terrain, fracture network	Galileo	Galileo SSI	JPL Press photo P-49435
europa_gll_p_a_017_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Europa; chaos terrain, small craters, ridged plains.	Europa	chaos terrain, crater, ridged plains	Galileo	Galileo SSI	JPL Press photo P-49882
europa_gll_p_a_018_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Europa; regional view of ridged plains, chaos terrain, lineae, broad band feature, domes, and pits.	Europa	ridged plains, chaos terrain, linea, band, dome, pit	Galileo	Galileo SSI	JPL Press photo P-49436
europa_gll_p_a_019_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Europa; close view of a broad band feature.	Europa	band, ridged plains	Galileo	Galileo SSI	JPL Press photo P-50169
europa_gll_p_a_020_pht	ca. late 1990s, early 2000s	Europa, Io, Ganymede, Callisto	Galileo SSI and Voyager SSI grayscale and color 12-image array of the four Galilean satellites; global views and examples of surface features.	Io, Europa, Ganymede, Callisto	global view, volcanic flow, linea, ridged plains, band, crater	Galileo, Voyager	Galileo SSI, Voyager SSI	JPL Press photo P-49273
Set 21: Europa, photos of Galileo images featured in press releases, set B								
europa_gll_p_b_001_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Conamara Chaos; chaos terrain, broken plates of ridged plains.	Europa, Conamara	chaos terrain	Galileo	Galileo SSI	JPL Press photo P-48526
europa_gll_p_b_002_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI false color image of Conamara Chaos; chaos terrain, broken plates of ridged plains.	Europa, Conamara	chaos terrain	Galileo	Galileo SSI	JPL Press photo P-49434
europa_gll_p_b_003_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Conamara Chaos; chaos terrain, broken plates of ridged plains, triple bands, domes.	Europa, Conamara	chaos terrain, triple band, dome	Galileo	Galileo SSI	JPL Press photo P-48507
europa_gll_p_b_004_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Europa; ridged plains, triple bands, and small patches of chaos terrain, domes.	Europa	ridged plains, triple band, chaos terrain, dome	Galileo	Galileo SSI	JPL Press photo P-48530
europa_gll_p_b_005_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Europa; ridged plains, lineae, with broad dark bands and dark spots.	Europa	ridged plains, linea, dark band, dark spot	Galileo	Galileo SSI	JPL Press photo P-49872
europa_gll_p_b_006_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI false color image of Europa; crossing lineae, dark spots, banded features.	Europa	linea, dark spot, band	Galileo	Galileo SSI	JPL Press photo P-47906
europa_gll_p_b_007_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Europa; close view of ridged plains.	Europa	ridged plains	Galileo	Galileo SSI	JPL Press photo P-48535
europa_gll_p_b_008_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Europa; close view of ridged plains, triple band.	Europa	ridged plains, triple band	Galileo	Galileo SSI	JPL Press photo P-48549
europa_gll_p_b_009_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Europa; close view of ridged plains.	Europa	ridged plains	Galileo	Galileo SSI	JPL Press photo P-48534
europa_gll_p_b_010_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Europa; close view of ridged plains.	Europa	ridged plains	Galileo	Galileo SSI	JPL Press photo P-48533
europa_gll_p_b_011_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale montage of Europa; global view with three high-res blow out views of chaos terrain, banded features, and a macula.	Europa	global view, chaos terrain, band, macula	Galileo	Galileo SSI	JPL Press photo P-48233
europa_gll_p_b_012_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Europa; regional view of ridged plains, chaos terrain, triple bands, domes.	Europa	ridged plains, chaos terrain, triple band, dome	Galileo	Galileo SSI	JPL Press photo P-48524
europa_gll_p_b_013_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Europa; close view of ridged plains, triple bands, domes.	Europa	ridged plains, triple band, dome	Galileo	Galileo SSI	JPL Press photo P-48525
europa_gll_p_b_014_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Pwyll crater, Europa.	Europa, Pwyll	crater	Galileo	Galileo SSI	JPL Press photo P-48506
europa_gll_p_b_015_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI false color image of Tyre Macula, Europa, and lineae.	Europa, Tyre	macula, linea	Galileo	Galileo SSI	JPL Press photo P-48954
europa_gll_p_b_016_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Europa ridges, incident lighting along terminator.	Europa	ridged plains	Galileo	Galileo SSI	JPL Press photo P-41830
europa_gll_p_b_017_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Europa, including lineae, craters, and dark spots; limb view.	Europa	linea, crater, dark spot, limb view	Galileo	Galileo SSI	JPL Press photo P-47175
europa_gll_p_b_018_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image mosaic of Europa during G1 flyby, superposed over false color Voyager global view; includes lineae and dark spots.	Europa	linea, dark spot, global view	Galileo, Voyager	Galileo SSI, Voyager SSI	JPL Press photo P-47192
europa_gll_p_b_019_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of "wedges" region, Argadnel Regio, Europa; includes lineae, dark spots, crater.	Europa, Argadnel	wedges region, linea, dark spot, crater	Galileo	Galileo SSI	JPL Press photo P-47197
europa_gll_p_b_020_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI false color image of Europa surface, moderate resolution; includes lineae, dark spots, ridged plains.	Europa	linea, dark spot, ridged plains	Galileo	Galileo SSI	JPL Press photo P-47193
Set 22: Europa, photos of Galileo images featured in press releases, set C								
europa_gll_p_c_001_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale high-res image of Europa chaos.	Europa	chaos terrain	Galileo	Galileo SSI	JPL Press photo P-49627
europa_gll_p_c_002_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Europa, including wedges, dark bands, and ridges.	Europa	wedge-shaped band, ridged plains, linea	Galileo	Galileo SSI	JPL Press photo P-48127
europa_gll_p_c_003_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Europa, close view of ridges and small domes on plains.	Europa	ridged plains, dome, linea	Galileo	Galileo SSI	JPL Press photo P-41829
europa_gll_p_c_004_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Europa, high-res view of chaos terrain and broken plates of ridged plains.	Europa	chaos terrain	Galileo	Galileo SSI	JPL Press photo P-49632
europa_gll_p_c_005_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Europa, high-res view of ridged plains.	Europa	ridged plains	Galileo	Galileo SSI	JPL Press photo P-49633
europa_gll_p_c_006_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Europa, high-res view of ridged plains.	Europa	ridged plains	Galileo	Galileo SSI	JPL Press photo P-49630
europa_gll_p_c_008_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale high-res mosaic of Europa ridged plains. Includes image frame from europa_gll_p_c_005_pht.	Europa	ridged plains	Galileo	Galileo SSI	JPL Press photo P-49635
europa_gll_p_c_009_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Europa surface, high-res view of ridged plains, including smooth "pond".	Europa	ridged plains, "pond" feature	Galileo	Galileo SSI	JPL Press photo P-48527
europa_gll_p_c_010_pht	ca. late 1990s, early 2000s	Europa, Earth	Galileo SSI grayscale image of Europa, high-res view of chaos terrain and broken plates of ridged plains (top), compared to Earth city of similar area. See europa_gll_p_c_004_pht for isolated Europa image.	Europa, Earth	chaos terrain	Galileo	Galileo SSI	JPL Press photo P-49634
europa_gll_p_c_011_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Europa, high-res view of chaos terrain and broken plates of ridged plains.	Europa	chaos terrain	Galileo	Galileo SSI	JPL Press photo P-49631
europa_gll_p_c_012_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI anaglyph of Pwyll Crater; includes north arrow and scale bar.	Europa, Pwyll	crater	Galileo	Galileo SSI	JPL Press photo P-50540
europa_gll_p_c_013_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI false color image of Europa, limb view, showing Pwyll Crater and associated rays.	Europa, Pwyll	crater, ray, linea, limb view	Galileo	Galileo SSI	JPL Press photo P-48529
europa_gll_p_c_014_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Europa, high-res view of complex ridge in plains.	Europa	ridged plains	Galileo	Galileo SSI	JPL Press photo P-49629
europa_gll_p_c_015_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale images of Europa, global view, with high-res blow out of Pwyll Crater.	Europa, Pwyll	crater, global view	Galileo	Galileo SSI	JPL Press photo P-49626
europa_gll_p_c_017_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale high-res view of Europa ridged plains.	Europa	ridged plains	Galileo	Galileo SSI	JPL Press photo P-49628
europa_gll_p_c_018_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale four-image montage of Europa craters, including Pwyll, Manann'an, Cilix, Callanish craters; includes scale bar.	Europa, Pwyll, Manann'an, Cilix, Callanish	crater	Galileo	Galileo SSI	JPL Press photo P-50536
europa_gll_p_c_019_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI false color image of Europa, trailing hemisphere, global view.	Europa	global view	Galileo	Galileo SSI	JPL Press photo P-48528
europa_gll_p_c_021_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI false color mosaic of Thera and Thrace Maculae.	Europa, Thera, Thrace	macula, chaos terrain, linea	Galileo	Galileo SSI	JPL Press photo P-50547
Set 23: Europa, photos of Galileo images used for Europa mapping								
europa_maps_008_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale 12-image montage/array of Europa surface features: type localities of geologic surface units; includes arrows pointing to features, scale bars; possible figure for publication.	Europa	crater, chaos terrain, ridge	Galileo	Galileo SSI	n/a
europa_maps_014_pht	ca. late 1990s, early 2000s	Europa	Bright Plains = Background Ridged Plains. Galileo SSI montage of image mosaics of trailing hemisphere of Europa, including mid- and high-res observations E15ESREGMAP01 and E14ESVLOFOT01, with G1 regional scale mosaic for context. Includes scale bars.	Europa	ridged plains, linea	Galileo	Galileo SSI	n/a
Set 24: Europa, photos of mottled terrain features								
europa_mottled_terrain_001_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Europa mottled terrain, from G1 flyby, with blow out of high-res frame from E11: S0420619226; scale given in km/pixel.	Europa	mottled terrain	Galileo	Galileo SSI	n/a
europa_mottled_terrain_002_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Europa mottled terrain; includes lineae, dark spots; pixelated.	Europa	mottled terrain, linea, dark spot	Galileo	Galileo SSI	n/a
europa_mottled_terrain_003_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Europa mottled terrain, limb view; includes lineae, dark spots.	Europa	mottled terrain, linea, dark spot, limb view	Galileo	Galileo SSI	n/a
europa_mottled_terrain_005_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Europa mottled terrain, moderate-resolution; includes wedges, lineae, dark spots, crater.	Europa	mottled terrain, wedge-shaped band, linea, dark spot, crater	Galileo	Galileo SSI	n/a
Set 25: Europa, photos of pull apart terrain features								
europa_pull_apart_003_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Tyre Macula region, with high-res blow out of band and ridges.	Europa	macula, band, ridge	Galileo	Galileo SSI	n/a
europa_pull_apart_005_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of "wedges" region, Argadnel Regio, Europa. Image is blow up of low-res image. Feature at far left used in europa_pull_apart_002_dgm.	Europa, Argadnel	wedges region, pull-apart terrain	Galileo	Galileo SSI	n/a
europa_pull_apart_006_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Europa bands; includes scale bar. Image has turned blue from age. See europa_gll_p_c_002_pht for sharper, unannotated version of image.	Europa	wedge-shaped band, linea	Galileo	Galileo SSI	n/a

europa_pull_apart_007_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale mosaic: Disrupted Terrain, Seen by Galileo during G1. Includes scale bar. Frames: s0349875113, s0349875126; centered on lat -10, long 210.	Europa	wedge-shaped band, pull-apart terrain	Galileo	Galileo SSI	n/a
europa_pull_apart_008_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image pair of Thyonian Linea, Europa. Top image shows original surface, with spreading area outlined; bottom image shows surface reconstruction. Images here correspond to schematic in europa_pull_apart_004_dgm .	Europa, Thyonian	linea, band, ridged plains	Galileo	Galileo SSI	n/a
europa_pull_apart_009_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Europa bands, ridged plains; includes scale bar.	Europa	band, ridged plains	Galileo	Galileo SSI	n/a
Set 26: Europa, photos of general surface features								
europa_surface_001_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Europa; cycloid on ridged plains. Discoloration of image due to age.	Europa	cycloid, ridged plains	Galileo	Galileo SSI	n/a
europa_surface_002_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Europa, high-res view of a double ridge and a cycloid; includes scale bar and north arrow.	Europa	double ridge, cycloid	Galileo	Galileo SSI	n/a
europa_surface_003_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image montage of Europa surface, with a cycloidal ridge, lineae, and domes on ridged plains. Annotated high-res blow out (bottom) with mid-res regional image (top) for context; includes scale bars.	Europa	cycloidal ridge, linea, dome, ridged plains	Galileo	Galileo SSI	n/a
europa_surface_006_pht	ca. late 1990s, early 2000s	Europa	Galileo grayscale SSI image mosaic of Europa, observation E19ESNORLAT01, with high-res blow out, of northern latitude lineae, cycloids, bands, on ridged plains; includes scale bar and north arrow.	Europa	linea, cycloid, band, ridged plains	Galileo	Galileo SSI	n/a
europa_surface_007_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image mosaic of Callanish Crater, Europa, observation E26ESCALLAN01; includes scale bar.	Europa, Callanish	crater	Galileo	Galileo SSI	n/a
europa_surface_008_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Europa ice flows, part of observation E26ESFLOW501; includes scale bar. Image is pixelated. See europa_surface_010_pht .	Europa	chaos terrain	Galileo	Galileo SSI	n/a
europa_surface_009_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Europa, part of observation I25ESDARKBP01, with bands and ridges; includes scale bar.	Europa	band, ridge	Galileo	Galileo SSI	n/a
europa_surface_010_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image mosaic of Europa, observation E26ESFLOW501, with complex ridges, bands, and chaos terrain; includes scale bar.	Europa	band, ridge, chaos terrain	Galileo	Galileo SSI	n/a
europa_surface_011_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale images of Europa surface, observations I25ESDARKBP01 and I25ESMOTTER01, with bands, ridges, and chaos terrain; includes scale bars. See also europa_surface_009_pht .	Europa	band, ridge, chaos terrain	Galileo	Galileo SSI	n/a
europa_surface_012_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image mosaic of Europa north pole, from observation I25ESNPOLE01, with ridged plains viewed under high incidence angle light; includes scale bar.	Europa	ridged plains	Galileo	Galileo SSI	n/a
europa_surface_016_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Europa surface, frame s0389780135, of ridged plains and domes; includes scale bar and north arrow.	Europa	ridged plains, dome	Galileo	Galileo SSI	n/a
europa_surface_017_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Europa surface, frame s0389780563, of ridged plains and domes; includes scale bar and north arrow. Adjacent to area imaged in europa_surface_016_pht .	Europa	ridged plains, dome	Galileo	Galileo SSI	n/a
europa_surface_019_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Europa surface, ridged plains and domes.	Europa	ridged plains, dome	Galileo	Galileo SSI	n/a
europa_surface_022_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale mosaics of leading and trailing hemispheres of Europa, assembled from multiple observations; includes scale bar.	Europa	ridged plains, linea, dark spot, dome, wedge-shaped band	Galileo	Galileo SSI	n/a
europa_surface_023_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale high-res image of Conamara Chaos, Europa; includes scale bar.	Europa, Conamara	chaos terrain	Galileo	Galileo SSI	n/a
europa_surface_024_pht	ca. late 1990s, early 2000s	Europa, Earth	Scaled comparison of Conamara Chaos, Europa, seen in a high-res Galileo SSI grayscale image (top), with satellite grayscale photograph of San Francisco region (bottom). Smaller area compared to europa_surface_025_pht .	Europa, Conamara, San Francisco	chaos terrain	Galileo, unknown	Galileo SSI, satellite image	n/a
europa_surface_025_pht	ca. late 1990s, early 2000s	Europa, Earth	Scaled comparison of Conamara Chaos, Europa, seen in a high-res Galileo SSI grayscale image (top), with satellite grayscale photograph of San Francisco region (bottom). Broader coverage compared to europa_surface_024_pht .	Europa, Conamara, San Francisco	chaos terrain, ridge, dome	Galileo, unknown	Galileo SSI, satellite image	n/a
europa_surface_026_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of chaos on Europa; includes scale bar.	Europa	chaos terrain	Galileo	Galileo SSI	n/a
europa_surface_027_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale high-res image superposed over low-res SSI grayscale image, "wedges" region, Argadnel Regio, Europa.	Europa, Argadnel	wedges region, pull-apart terrain	Galileo	Galileo SSI	n/a
europa_surface_028_pht	ca. late 1990s, early 2000s	Europa	Montage of Galileo SSI grayscale image mosaics of Europa surface, observations E26ESFLOW501, I25ESMOTTER01, E06ESFLOWS; includes scale bars. See also europa_surface_010_pht .	Europa	ridge, band, chaos terrain, dome	Galileo	Galileo SSI	n/a
europa_surface_029_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of a band on Europa, with complex ridges, domes, chaos terrain.	Europa	complex ridge, band, ridged plains, chaos terrain	Galileo	Galileo SSI	n/a
europa_surface_030_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of chaos terrain, Europa, with arrows indicating fractures in plate blocks; includes scale bar.	Europa	chaos terrain	Galileo	Galileo SSI	n/a
europa_surface_031_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Europa chaos terrain, frame s0383717539.	Europa	chaos terrain	Galileo	Galileo SSI	n/a
europa_surface_032_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of triple bands on Europa, with domes, ridged plains, lineae.	Europa	triple band, ridged plains, dome, linea	Galileo	Galileo SSI	n/a
europa_surface_033_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Europa surface, with ridged plains and patch of chaos terrain.	Europa	ridged plains, chaos terrain	Galileo	Galileo SSI	n/a
europa_surface_035_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Europa surface, with lineae, ridged plains, domes, dark spots; includes scale bar, taken near terminator.	Europa	linea, ridged plains, dome, dark spot	Galileo	Galileo SSI	n/a
europa_surface_036_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image mosaic of Europa surface, with ridged plains, complex ridges, and a patch of chaos terrain, under high incidence angle lighting.	Europa	ridged plains, complex ridge, chaos terrain	Galileo	Galileo SSI	n/a
europa_surface_037_pht	ca. late 1990s, early 2000s	Europa	Multiple high-res Galileo SSI grayscale image mosaics superposed over low-res SSI grayscale image of ridged plains, complex ridges, chaos terrain; includes scale bar.	Europa	ridged plains, complex ridge, chaos terrain	Galileo	Galileo SSI	n/a
europa_surface_038_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale high-res image of Europa surface of blocks and fractures in chaos terrain; includes scale bar.	Europa	chaos terrain	Galileo	Galileo SSI	n/a
europa_surface_039_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image mosaic of Europa surface of complex ridges, ridged plains, and broken plates in chaos terrain; includes scale bar.	Europa	complex ridge, ridged plains, chaos terrain	Galileo	Galileo SSI	n/a
Set 27: Europa, photos of triple band features								
europa_tb_001_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI false color image of triple band on Europa.	Europa	triple band	Galileo	Galileo SSI	n/a
europa_tb_003_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of triple band on Europa, with lineae, dark spots.	Europa	triple band, linea, dark spot	Galileo	Galileo SSI	n/a
europa_tb_005_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of Europa surface, with triple band, wide bands, fractures; includes scale bar	Europa	triple band, linea, fracture, ridged plains	Galileo	Galileo SSI	n/a
europa_tb_011_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image of triple bands on Europa, with domes, ridged plains, lineae. Image has artificial sepia-toned coloration. Image is the same as europa_surface_032_pht without the discoloration.	Europa	triple band, ridged plains, dome, linea	Galileo	Galileo SSI	n/a
europa_tb_012_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale high-res image of triple band on Europa. Arrows indicate aggregational deposits; includes scale bar and north arrow. The area in this frame is seen in the lower left boxed area of the lower resolution image in europa_tb_015_pht .	Europa	triple band	Galileo	Galileo SSI	n/a
europa_tb_013_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale images of Rhodoxanthins Linea, Europa, from observations E15ESREGMAP01 and G1ESGLOBAL01, with triple band, lineae, domes, dark spots; includes scale bar and resolution.	Europa, Rhodoxanthins	triple band, linea, dome, dark spot	Galileo	Galileo SSI	n/a
europa_tb_014_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale high-res image of triple band on Europa. Red arrows point to lineaments on the triple band ridge; blue arrows indicate small domes. Includes scale bar and north arrow. The area in this frame is seen in the central boxed area of the lower resolution image in europa_tb_015_pht .	Europa	triple band, dome	Galileo	Galileo SSI	n/a
europa_tb_015_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale image mosaic of triple band on Europa; arrows indicate aggregational deposits. Images for inset boxes: europa_tb_012_pht (lower left) and europa_tb_014_pht (center).	Europa	triple band, ridged plains	Galileo	Galileo SSI	n/a
europa_tb_016_pht	ca. late 1990s, early 2000s	Europa	Galileo SSI grayscale global view of Europa. Inset image is high-res mosaic of triple band; includes scale bar, north arrow. Inset image is cropped version of europa_tb_015_pht .	Europa	triple band, global view	Galileo	Galileo SSI	n/a
Set 28: Terrestrial Analog								
europa_terr_analog_001_pht	unknown	Earth	Airplane color photo, oblique view, of terrestrial iceberg/flows. Photo by Torrance V. Johnson.	Earth	iceberg/flow	unknown	hand-held camera	n/a
europa_terr_analog_002_pht	unknown	Earth	Airplane color photo, oblique view, of terrestrial iceberg/flows. Photo by Torrance V. Johnson.	Earth	iceberg/flow	unknown	hand-held camera	n/a
europa_terr_analog_003_pht	unknown	Earth	Color photograph, oblique view, of concentric rings in ice; terrestrial analog of Europa surface (scale uncertain).	Earth	ice surface	unknown	hand-held camera	n/a
Set 29: Europa, photos of Voyager images								
europa_vgr_001_pht	ca. late 1970s, early 1980s	Europa	Voyager SSI grayscale image of Europa, limb view, showing Thera and Thrace Maculae.	Europa, Thera, Thrace	macula, limb view	Voyager	Voyager SSI	n/a
europa_vgr_002_pht	ca. late 1970s, early 1980s	Europa	Voyager SSI color image of Europa, limb view, showing Thera and Thrace Maculae (lower right) and "wedges" region, Argadnel Regio (upper left).	Europa, Thera, Thrace, Argadnel	macula, wedges region, limb view	Voyager	Voyager SSI	JPL Press Release P-21764
europa_vgr_003_pht	ca. late 1970s, early 1980s	Europa	Voyager SSI color image of Europa, limb view, showing Thera and Thrace Maculae (lower right) and "wedges" region, Argadnel Regio (upper left). Same view as europa_vgr_002_pht , with different coloration.	Europa, Thera, Thrace, Argadnel	macula, wedges region, limb view	Voyager	Voyager SSI	JPL Press Release P-21764C
europa_vgr_004_pht	ca. late 1970s, early 1980s	Europa	Voyager SSI grayscale image of Europa, limb view, showing Thera and Thrace Maculae (lower right) and "wedges" region, Argadnel Regio (upper left); reseau marks are visible. Similar viewing angle of the hemisphere seen in europa_vgr_002_pht .	Europa, Thera, Thrace, Argadnel	macula, wedges region, limb view	Voyager	Voyager SSI	JPL Press Release P-21765BW
europa_vgr_005_pht	ca. late 1970s, early 1980s	Europa	Voyager SSI grayscale image of Europa, limb view, showing Thera and Thrace Maculae; near terminator. Subset of europa_vgr_004_pht , reseau marks are visible.	Europa, Thera, Thrace	macula	Voyager	Voyager SSI	JPL Press Release P-21766BW
europa_vgr_006_pht	ca. late 1970s, early 1980s	Europa	Voyager SSI color image of Europa, low-resolution global view.	Europa	global view	Voyager	Voyager SSI	JPL Press Release P-21152C
europa_vgr_008_pht	ca. late 1970s, early 1980s	Europa	Voyager SSI grayscale image of Europa, limb view, showing "wedges" region, Argadnel Regio (lower left), craters, lineae, dark spots, triple bands.	Europa, Argadnel	wedges region, crater, linea, dark spot, triple band, limb view	Voyager	Voyager SSI	n/a
europa_vgr_009_pht	ca. late 1970s, early 1980s	Europa	Voyager SSI color image of Europa, limb view, showing "wedges" region, Argadnel Regio (lower left), craters, lineae, dark spots, triple bands. Color viewing of europa_vgr_008_pht .	Europa, Argadnel	wedges region, crater, linea, dark spot, triple band, limb view	Voyager	Voyager SSI	JPL Press Release P-21760C
europa_vgr_010_pht	ca. late 1970s, early 1980s	Europa	Voyager SSI color image of Europa, low-resolution global view.	Europa	global view	Voyager	Voyager SSI	JPL Press Release P-21196C
europa_vgr_011_pht	ca. late 1970s, early 1980s	Europa	Voyager SSI grayscale image of Europa, limb view, showing Thera and Thrace Maculae (lower right) and "wedges" region, Argadnel Regio (upper left). Similar viewing angle of the hemisphere seen in europa_vgr_004_pht .	Europa, Thera, Thrace, Argadnel	macula, wedges region, limb view	Voyager	Voyager SSI	n/a