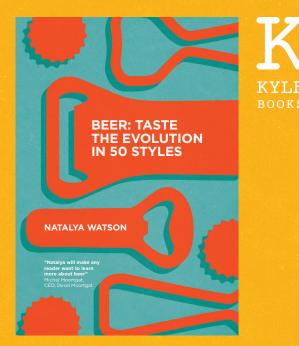
# BEER: TASTE THE EVOLUTION IN 50 STYLES

# NATALYA WATSON

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"Natalya will make any reader want to learn more about beer" Michel Moortgat, CEO, Duvel Moortgat

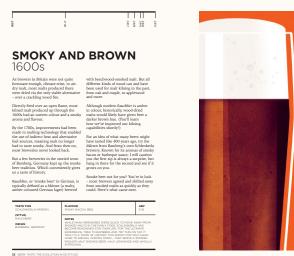
Beginning in the UK in the 1600s with smoky brown beer and ending with current areas of innovation, this fun and interactive guide moves through time and across the world to tell the stories behind some of today's best-known beer styles, including German lagers, stouts, porters, pilsner, IPA, sour beers and more.

Each chapter focuses on one of beer's key ingredients – malt, water, hops and yeast – sharing how, as each ingredient modernized over time, new flavours and styles emerged. With each change, accredited Beer Sommelier Natalya offers a modern beer to try that will bring the section's story to life and help you truly taste the evolution of beer through the years.

With five centuries' worth of information, stories and fun facts to discover and 50 beers to taste, **Beer: Taste the Evolution in 50 Styles** breathes new life into the exploration of one of the world's oldest and most enduring drinks.

This is the ideal gift purchase for anyone who loves beer and wants to learn more about their favourite beverage from an Advanced Cicerone.

> For more information please contact Karen Baker on karen.baker@octopusbooks.co.uk / 020 3122 6720 or Victoria Scales on victoria.scales@octopusbooks.co.uk / 020 3122 6957



#### LESS SMOKY. **BUT STILL BROWN**

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1700s, in the city As British maltsters moved away from open flames to indirect heat, they left behind the smoky flavours of the past. would be aged for a few months to let some of the smoke character from the wood-fired malt mellow out.

But kilning was still a rather imprecise science. Not enough heat and your mait wouldn't dry, meaning the mait would mould or the barley strend would continue its germination and you'd loss those all-important sugars to a new plan Too much heat, however, and the grains could carch fire and combust. So you'd be left without any sugar that way too. Even as malt quality improved, how this aging practice continued and extended. Large vats of older "stale" beer would aged for up to two years, then blendes with younger "running" or "mild" bee before serving. The older beer would contribute a mature flavour, while the younger beer provided a bit of carbonation. the ent wannou any sugar taut way too. As it was problemark to apply too little or too much hear, most mait was kilned somewhere in between, taking on a basis shade of brown. This brown mait, primarily produced in Hertricotabilite, became particularly popular with London breweries at the turns of the 18th century. Large quantities were being used to produce dark brown, sweet, heavy ales. (Although no longer practised in England, this method of aging and blending had an unexpected influence on Belgian brewing, which we'll discuss in Chapter Five). If sweet and heavy doesn't sound like a porter to you, that's because the style has changed considerably over its nearly 300-year-old history. At this time, the Industrial Revo was beginning, enabling brewer scale to meet the demands of Lo growing and thirsty population. As you'll learn, brewers quickly move away from using large quantities of brown malts when reliably produced pale malts came on the scene. growing and trinsty population. A stronger, more hopped version of the heavy, sweet hrow here soon develope Popular with the city's river and ticket porters, workers employed to unload ships or carry goods across the city, the beer style took on their name in the 1720s – porter. In the late 1700s, a new bit of brewing technology – the hydrometer – changed brewing forever. It helped brewers understand how much sugar was actually

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	being extracted from the mal brewing with. And, spoiler al malt wasn't all that efficient v came to extracting sugars for Prolonged exposure to high to kills off malt's enzymes, mea darker the malt, the less ferm	r alert, brown nt when it for the brew. h temperatures to them, nc heaning the	
	sugar it can contribute, or in brevening terms, the lower the extract. More that the breven mail's sugars were too complex too in the mail the brevening the brever's lack in the finitude brevening the brever's perceived sweetness, fluxour and body. The Armed with this knowledge, brever's knew it would be mach more efficient to use more pair and spanning of dark makes to only a small guaranty of dark makes because direy or less weet, as paire		While yeas into alcoho are certain lactose is o
			This means brew it wo will instead Lactose add too, makin tongue. Da
	malts provided sugars that co fermented by yeast. So this early sweet, heavy iter porter was largely forgotten a l've got a tasting recommend you that's reminiscent of por a sweet stout.	ration of bout. But ation for	While not way to re-ii century po Because wi introduced flavour of p
	TASTE THIS LEFT HAND MILK STOUT	FLAVOUR MILK CHOCOL	ATE COFFEE A
	(STYLE) SWEET STOUT ORIGIN LONGMONT, COLORADO, USA	NOTES WHILE THE E	ARLIEST ITERAT
			FLAVOURS THA

ns if lactose is added into a on't be fermented by yeast and ad remain in the finished beer. dds sweetness and a bit of body ing the beer feel heavier on your Dark, sweet, heavy – get it? tt exactly traditional, this is one -imagine what an early 18th sorter may have tasted like. when a new type of malt was dt he following century, the f porter changed forever.

**ABV** 6% D, USA BREWED ANY HAS SIMILAR S

## 1980

MALT HODERNIZES 35

#### WHEAT BEER GOES WAY BACK 1200s

Hazy, white beers date as far back as the 13th century to the days of the Hansenic League along the North Sea. If you'll recall from Chapter Four, the first hopped berr was white, or wheat-based, beer from Hamburg that was shipped out by sea and helped spur the adoption of hops.

for the style.) In the past, this style was likely sourced by spontareous fermentation, creating a sharp acidity that was blunted by the addition of fruit or herbal sytups, like Kummel (a liqueur flavoured with caraway, cumin and fennel) to help sweeten the beer. It's important to keep in mind that at this time Germany wan't yet a unified country. Back then, each state or principality had its own laws, customs and regional berwing styles". So while brewers in Bavaria were limited to barley, water and hosp from 1516 on, those restrictions didn't apply elsewhere Although spices and acidity are most often associated with Belgian brewing traditions, northern Germany had a long and varied brewing history similar to thas of Belgium, including a tradition of brewing with wheat.

Section the feature of the wars took a toll on Germany, goe production dwindled and ceased entirely in 1966. Since the 1980s, a few local breweries in Leipzig have sought to revive the style But with no continuity in brewing, what we're drinking today is our best approximation. 

sea sait. Ine container contributes a lemony freshness, while the salt gives the beer a feeling of fullness on the palate. (It's thought the initial brewin water from the Gose River was a bit salty, which then became the standard for the style.)

The north German town of Goslar gave one of these ancient wheat bee styles its name – gost. Originating th in the Middle Ages, gost later becam associated with the nearby town of Leipzig in the 18th century. In all, gose is light, tart, spritzy, citrusy and incredibly refreshing. But it's also hard to find. This sour wheat-based beer is bre with both pilsner and wheat malt

ermented by brewer's yeast and actobacillus, which gives it a bright acidity, and spiced with coriander and Leipzig was said to have over 80 gos houses in the 1900s. Today, there's

### WHAT IS CASK BEER?

one. But it's well worth a visit to immerse yourself in the traditions of this style – from the serve in tall cylindrical glasses, to the shot of syrup on the side. (Check out my recommended places to

Slightly further north, Berlin has its own wheat beer tradition that also derives from the early white beers of the North Sea. In many ways, it's very similar to a gost, but is brewed without any additional spices.

admitroait spices. Berliner woise is also fermented with yeast and lacric aid bacteria, giving it a sharp, yogart-fike rang, druny freshness and high carbonation. The wheat mait gives a bready, dougly note, making the flavour almost reminiscent of sourdough bread. (Børtamenoyes may also be use in the brew, but its character is never strong.)

Because of its high carbonation, Napoleon is said to have dubbed this style the "Champagne of the North" when the Franco-Prussian war brough him and his men to Berlin in the early

FLAVOUR

TASTE THIS BAYERISCHE

(STYLE) GOSE ORIGIN LEIPZIG G

124 000

1800s. Much like gose, traditional Berliner weisse was also served with a shot of sugar syrup on the side, often flavoured with raspberry or woodruff.

to the style's 19th century neyday. A le new breweries in Berlin are working to revive this style, albeit on a small scale.

hough traditional examples are hard come by outside of Berlin, many ft breweries in the USA and UK are ing this style a go. So check your loca wery to see if they're producing one.

While what we experience of these style today may not be truly traditional. it's

Fortunately, even after German unification 1871, special exceptions were made for these regional styles so they could continue being brewed even if they didn't meet the Bavarian beer parity law.

NOTES THIS BREWERY OPENED IN THE EARLY 2000S AND IS ONE OF ONLY THEE IN THE LEIFIG AREA PRODUCING THE HISTORY. GOES STYLE, WHO NOWSYS HOW WELL IT APROXIMATES THE REAL THINK, BUT IT'S AS CLOSE AS WELL GET TO A TASTE OF HISTORY.

**ABV** 4.5%

I've mentioned British bitters are best enjoyed on cask, but what exactly does that mean?	and arrive to the pub ready to serve. Additionally, they have a longer shelf life and require no special handling by pub owners.
Cask beer isn't necessarily a style of	
beer, but a method of dispense: cask-	For these reasons and more, cask
conditioned beers finish maturing in	beer began losing ground to kegged
the vessel from which they're served.	beers, so in the 1970s a consumer organization was formed to fight back.
When cask beer arrives at a pub, it's	CAMRA, the Campaign for Real Ale,
not yet ready to drink. Each cask	created a definition for real ale and
contains live yeast and undergoes a	sought to protect it.
secondary fermentation in the pub's	
cellar so it's important the cellar is kept	While some may say their definition is
at the appropriate temperature; 11-13°C (52-55°F) is recommended. This	a touch too traditional, it's possible that without their efforts, cask beer would
conditioning process allows the beer to mature and develop a mild, natural	be a thing of the past.
carbonation.	In addition to the aforementioned
	bitters, another style you may see on
Cask beer, or real ale, is fresh,	cask is mild ale, more specifically a
lightly carbonated, unfiltered and	dark mild. It's confusingly named, as
unpasteurized. It's a wonderful way	historically any unaged beer was called
to experience beer, but it takes care	"mild", but the modern-day mild is
to cellar well. Cask beers also need to	milder in bittemess than a British bitter.
be consumed quickly once tapped for	There are often regional variations in
dispense (ideally within three days)	colour and strength, but the standard is
otherwise off-flavours can develop.	copper to dark brown in colour and has
	been darkened and sweetened with
Given these commercial challenges, it's probably no surprise that when a new	brewer's caramel.
method of dispense, kegged beer, was	Interestingly, certain British beer styles
introduced in the 1960s it had a huge	were created with a specific dispense
impact on cask-conditioned beer.	method in mind: some were draught
	(cask) products, like dark mild, while
Kegged beers are conditioned and	others were bottled products, like
force-carbonated at the brewery	modern British brown ales. Again,



#### 1980 **NO LONGER JUST FOR BAVARIAN ROYALTY** 1872

As discussed in Chapter Five, what makes German wheat beer so unique is its yeast - it adds aromas of banana, bubble gum and clove. But it's also brewed with at least 50% wheat malt (some up to 70%), which changes the composition and mouthfeel of the bee quite significantly. Now, we move on to what most people think of as German wheat beer -hefewizen or German weisshier. The southern German state of Bavaria has brewed wheat beer for hundreds of years, but following the Reinheitsgeber, the use of wheat in brewing was a right reserved for Bavarian royalty only. Weisskier means white beer, while weizenkier means wheat beer, it's a small distinction, but an important one. Why? Despite the historic family name – white beers – not all wheat beers are pale. Many are yelow to gold, while some are deep gold, nearly amber. reserved for navarana royany only. The Bavarian beer pairity law, the fashheingdev of 1516, stated only barley, water and hops could be used to breve water and hops could be used to breve And with that, the tradition of whost beer breving in Bavaria coased immediately – a decision that was rather unpopular. The original from Schneider Weisse, Tap 7, is a darker example and a true taste of history. rather unpopular. So in 1602, the ban on wheat was replaced with a system of special licences that allowed the licence holder to brew wheat beer. The problem? The Elector of Bavaria, who introduced the new system, bought them all foor himself, giving the Bavarian royal family a monopoly on wheat beer production for the next 200-plus years. and the 1960s, pale weissbiers bee e popular, hence why examples more population of the populat

A broad term encompassing the various shades and strengths of German wheat beer, the name weinsibir has more to do with the hazy appearance of the beer than the colour. The haze comes from wheat's high protein content and the fact the yeast sin't filtered from the beer meaning it's suspended in the glass as As the style waned in popularity by the 19th century, a Munich brewer, Georg Schneider, negotiated the rights to brew this once-reserved style. In 1872, he opened his own brewery, Schneider Weisse, which is still world famous for its wheat beer today.

