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Auditory and spatial regimes of US colonial rule in Baguio, Philippines¹

Russell P. Skelchy

Introduction

From its conception as a military hill station, the city of Baguio was intended to be a respite from the noise, oppressive heat and disease of the capital city Manila and the lowlands. Located around 240 kilometres north of Manila in the Benguet mountains, Baguio, by the 1920s, had become what the Filipino novelist Carlos Bulosan (1973: 66) describes as ‘a small city in the heart of the [Benguet] mountains where the weather is always temperate. . . . Tall pine trees cover the mountains and at night one can hear the leaves singing in the slight wind’. A visitor in the 1930s describes Baguio as a place where ‘the gardens sing and shout’ as birds flutter (Cranston 1937: 300). Still others have described its natural environment poetically, sometimes using aural references such as the wind rustling, the ‘talking’ or ‘whispering’ of trees and the ‘soundless’ experience of quiet walks through pine forests (Subido 2009: 28–30). Hearing the vibrant natural sounds, in this context, sensorially complemented feeling the refreshing chill of the mountain air.

Although the auditory environment and landscape of Baguio today are quite different, and significantly less quiet, the city continues to proudly promote itself as the ‘City of Pines’ in the Philippines.²

The origins of the contemporary Philippine nation state are linked historically to the empires of Spain (1565–1898), the United States (1898–1946) and Japan (1942–5), making it, as Vicente Rafael (2018: 1) aptly observes, ‘a kind of imperial artifact’. The name ‘Philippines’ itself derives from the Spanish ‘*las islas Filipinas*’ named by Spanish explorers in 1565 to honour Felipe II, the heir apparent to the Hapsburg throne. Although the idea of instituting a summer capital at Baguio is often credited to the US administration, it was first proposed by the Spanish (Morley 2018: 87). Under American rule, officials modelled Baguio after Simla, the renowned British

Himalayan hill station known as the 'summer capital of India' (Woolley 1913). Colonial hill stations in Asia were a unique entity, neither a traditional Asian city nor a colonial/postcolonial metropolis (Kennedy 1996: 3). A preoccupation with health and climate drove the founding of various hill stations across Asia and Africa, and most were designed to enable colonials to supervise their subjects from isolated and commanding heights (Kennedy 1996; Crossette 1998). Hill stations were spaces of recreation and play, physically removed from contested lowland areas. In Simla, British officials enjoyed the climate and 'quiet remoteness' that enabled them to enjoy familiar outdoor activities such as riding, trekking and fishing (Owen 2004: 66). The sensory impact of India, according to Dane Kennedy (1996: 39), 'would have been difficult if not impossible [for colonials] to process without a shared aesthetic standard against which these unfamiliar landscapes could be measured and through which they could be given meaning'. The familiarizing of landscapes (and soundscapes) defined not only how colonials sensorially experienced being abroad but also how they re-engineered occupied space.

In Baguio, the United States constructed its own highland sanctuary in Southeast Asia. Nestled in the Cordillera Mountains of Luzon island at nearly 1,500 metres above sea level, Baguio was an ideal location due to its weather (considered enervating for white bodies), scenic mountain vistas and the opportunity for adventure. As Grace Subido (2009: xiv) observes, the US colonial narrative of Baguio as 'a romantic, exotic space and site for recreation and rejuvenation echoes in the contemporary narrative of the city as a tourist destination'. Baguio symbolized an urban, spatial and sonic order that the US colonial administration sought to replicate elsewhere in the Philippines. However, the Cordillera Mountains also represented a type of auditory wildness that required attention. Certain sounds that resonated nightly from surrounding native Igorot villages, such as loud chanting and the buzzing of bamboo musical instruments, were considered 'strange' and frightening for some Americans (Mock 1981). From a sensory standpoint, controlling Baguio's auditory environment paralleled the wider colonial project of controlling geographical space.

This chapter examines how the early colonization of Baguio was achieved sonically and spatially through the construction of its urban infrastructure in the early twentieth century. Focusing on the designs of US architect Daniel Burnham and his 1905 *Plan of Baguio*, I argue that US colonial reconfiguration of Baguio's auditory environment was foundational to how the highland military outpost would be transformed into a comfortable resort city.

Specifically, I focus on the sonic design of Baguio's urban core and its central meadow, which later became Burnham Park. My objective here is not to counter the ocularcentrism of others who have written on colonialism by

over-representing the significance of sound. Instead, this chapter explores how sound was engineered and experienced through a wider sensory world shaped by US colonialism in the Philippines. Furthermore, this chapter contributes to a body of literature on Philippine colonialism that has been largely ocular and textual-centric. Although canonical historiographical works on colonialism in the Philippines have examined an array of topics, including language, racial hierarchy, hygiene and health, many have not adequately addressed the sensory features of the colonial experience (e.g. Rafael 1993, 2000; Iletto 1998, 2017; Anderson 2006). Some recent studies in sound and music, however, have begun to shift the discourse on Philippine colonialism towards listening practices, sensorial experience and musical performance (Rotter 2019; Tan 2018; Balance 2016; Buenconsejo 2017; Castro 2011; Irving 2010).

In this context, I am interested in how Baguio's urban spaces represented 'auditory contact zones,' where subjects were constituted in and by their relations to each other through specific types of auditory encounters in a colonial context. Inspired by Lucy Burns's (2013: 16) conception of performing stages as 'contact zones,' or complex terrains of interaction among US patrons and Filipino performers, I explore how sound in early Baguio configured and framed the interactive dimensions of imperial encounter. The semantic shift from terms such as 'colonial frontier' to 'contact zones,' as Mary Louise Pratt (2008: 8) has suggested, extends readings of imperial encounters to emphasize how subjects get constituted in and by their relations to each other. Contact zones, according to Pratt, represent 'social spaces where disparate cultures meet, clash and grapple with each other, often in highly asymmetrical relations of domination and subordination such as colonialism, slavery or their aftermaths as they are lived out in many parts of the world today' (Pratt 2008: 8). In such settings, contact zones shift our focus away from expansionist expressions of the colonial frontier and diffusionist practices of domination and conquest. Auditory contact zones represent an analytic for better understanding how the colonial encounter was mediated by sound and the senses. In this context, the control of auditory environments in Baguio and elsewhere in the Philippines was integral not only to creating familiarized spaces but also in establishing sound as a material symbol of US imperial power.

Colonialism and the territorialization of sound

In a 2019 issue of *Sound Studies*, Leonardo Cardoso (2019) poses the question: 'How does the modern state hear?' Besides framing the journal issue, such a

question, mostly absent from sound studies literature in the English-speaking world, forays into a wider relationship between sound, imperialism and Western modernity. As Veit Erlmann (2004: 4–5) writes, to assert the idea of Western modernity as essentially a visual age resting on technologies of surveillance, observation and seeing no longer holds much heuristic value. Although ideas about the ‘colonial gaze’ have inspired a questioning of Western monopolies of knowledge and representation, they have mostly resulted in more images and texts (Erlmann 2004: 405). While it makes little sense to map an alternative economy of the senses around a ‘countermonopoly of the ear’, understanding arguments about the hierarchy of the senses suggests how such arguments inevitably involve cultural and political agendas.

Sensory historians have argued that all human relationships, including imperial relationships, are shaped through the five senses (Rotter 2019; Smith 2007). Projects of imperialism are not effected by sight alone but instead require the wider human sensorium to make, accommodate and resist empire (Smith 2007: 18). Andrew Rotter (2019: 2–3) argues that empire was an embodied experience where people living in imperial spaces formed impressions and feelings about each other through the senses. Certain relationships, in this formulation, were as much determined by colonizer and colonized meeting face to face, hand to hand and body to body as they were by thinking about each other. As David Howes (2005: 4) observes, the senses are not merely another field of study but instead ‘the media through which we experience and make sense of [fields such as] gender, colonialism and material culture’. Intersensoriality, defined as the ‘multidirectional interaction of the senses or sensory ideologies considered in relation to a society, individual or a work’, suggests ways to consider how sensations weave together in sequence and may be conveyed through sensory shifts (Howes 2005: 9). Howes describes how in Western cultures, the dominant group, whether conceptualized by race, class or gender, has been associated with the so-called higher senses of sight and hearing. Conversely, subaltern groups, including non-Westerners, women and workers, have been linked to the ‘lower senses’ of touch, taste and smell. Akin to sight, hearing has had strong associations with intellect in Western cultures – due to the importance of speech as a means of communication (Howes and Classen 2013: 2–4). For many centuries in Western law and society, the ability to hear and speak represented a prime indicator of an ability to reason, which is one reason why the deaf were considered mentally incompetent.

The hierarchy of senses, as constituted culturally through the relationship between the colonial and modern, was also expressed through the differentiation

between the oral/aural bodily knowledge of the subaltern opposed to the ocularcentrism of the elite (Ochoa Gautier 2014: 14–17). The creation of the field of orality inspired theory and methodology for lettered elites to generate the idea of alterity as constitutive of the modern. In the audio-visual complex of modernity, sound appears as the interior, immersive and affective other of vision's exteriorization, privileging ocularcentric histories over orality and acousticity (Ochoa Gautier 2014: 14; Sterne 2011). The consolidation of modernity, in this respect, elicits not only an erasure of colonial history and the possibility for decolonial thought; it can also be read spatially through the 'silent ruins' of a landscape marked by the remnants of colonial architecture (Trouillot 1995). Marked by the sonic territories and terrains of empire, such remnants have been formulated through circuits of technology and sound that have undermined the neat boundaries of imperial geography (Bronfman 2014: 37; Douglas 2004). The ontological making of sonic space is implicated in the political agency of sound, defined according to sound's potential and capacity to be implicated in formal and informal cultural politics (Revill 2016: 240–1; Häkli and Kallio 2014). Sound is not merely an object but instead a set of processes and properties operating in and through materials as the agent creating space.

From the sixteenth century onwards, colonialism has produced an extensive and widely experienced rearrangement of physical space and people. The project of territorializing sound therefore must be contextualized within a wider transformation of space that gave effect to colonial claims on territory and the dispossession of Indigenous land. As Banivanua Mar and Edmonds (2010: 2) write, 'In geopolitical terms, the impact of colonialism on the land is starkly visible in the landscapes it produces: symmetrically surveyed divisions of land, fences, roads, power lines, dams, mines, expansive and gridded cities, and socially coded areas of human habitation and trespass that are bordered, policed and defended.' Land and the organized spaces on it echo the stories of colonization and Indigenous dispossession and resonate the ideological tools, language, policies and social infrastructure of colonialism. Projects of occupation and imperialism, in this context, have focused on controlling space over people (Hawkins 2012: 48).

This idea is no different for American occupation and control of land in Asia and the Pacific. As Vernadette Gonzalez (2013: 9) observes, occupied land in the form of colonial outposts and military bases along with the resources and markets of the Asia-Pacific region provide the stakes of past and continued US interest in the area. Forays into 'extracontinental empire' have defined sites of US occupation, such as the Philippines and Hawai'i, as 'feminized tropics'

subject to masculinized modes of security (Gonzalez 2013: 9). Although not unique to the United States, the mutual deployment of tourism and militarism has enabled the United States to successfully navigate the complex global-local dialectics of mass tourism and exoticism projected onto the Pacific next to military occupation and interstate partnerships (Wilson 2000: xi; Gonzalez 2013: 16–18). In general, US imperial objectives in the Asia-Pacific region were no less territorial than previous colonial empires. Although the United States did not seek domination through colonial possessions per se, its ambitions were achieved using interconnected means through the domination of the global economy, fostered through capitalism as the basis for an integrated 'Free World', and militarization, which included short occupations, the maintenance of bases and the stationing of 'military advisory groups' (Man 2018: 6).

The Philippines under US rule was the site of 'a protracted social experiment' in using police as an instrument of state power (McCoy 2009: 16). The creation of a new internal security apparatus in the archipelago featuring the enhanced clandestine capabilities of the military police produced 'a virtual blueprint for the perfection of [US] state power' (McCoy 2009: 16). The occupation of the Philippines provided a favourable environment for the cultivation of covert techniques, institutional networks and systematic surveillance that were previously antithetical to US political institutions (McCoy 2009: 18–19, 38). Empire created a crucible for introducing new security procedures into Philippine and later US society. One such measure involved communications technology. For instance, in three years, the US Army laid over 16,000 kilometres of telegraph lines across the Philippine archipelago which expedited communication between its stations (May 1980: xv–xvii). Advancements in information technology, including the telephone and telegraph, also created an integrated information-based police panopticon that placed thousands of households and individuals under continuous surveillance (McCoy 2009: 34–5).

The organization of an occupied space, however, cannot simply be understood as the preserve of the colonial power alone but rather one diffused among a multiplicity of actors planning and implementing 'a structured chaos' (Weizman 2007: 5). In the Philippines, such actors included urban planners such as Daniel Burnham, the renowned American architect who, beginning in the late 1800s, designed distinctly modern urban spaces and auditory environments in the United States and fashioned templates for colonial policy in the Philippines. In the following sections, I examine how Burnham's philosophy of urban design, following the City Beautiful movement, guided the refiguring of colonial space and auditory environments in Baguio. Furthermore, I explore Baguio as an

‘auditory contact zone’ in which Indigenous subjectivities were constituted sonically in relation (and response) to environments created by the US colonial administration. Before addressing these topics, I turn my attention to Baguio as a symbolic space of US colonial authority.

The colonial project of Baguio

In the early twentieth century, Baguio became emblematic of ‘new empire’ acquisition; by definition a colonial enclave limited in its territory, it represented a process of transforming the pastoral from an aesthetic form into a colonial reality (McKenna 2017: 7, 154). What began as a US colonial ‘reservation’ of around 5 square miles (13 square kilometres) in 1905 eventually grew to cover 21 square miles (54 square kilometres) by 1907. Baguio was one of thirty-nine ‘civil reservations’ claimed by the colonial government from which the United States sought to exercise local authority while projecting a wider sphere of influence in Asia. The US colonization of the Philippines, according to Sarita Echavez See (2017: 51), plays a significant role in providing a historical and paradigmatic example of the interconnectedness between settler and military colonialisms at the turn of the twentieth century. As See suggests, the Philippines represents a ‘pivotally ambiguous formation’ that positioned the Filipino as proximate in time and space to Native Americans due to the ways that genocidal wars of conquest across the United States required the idea of the primitive for its legitimacy. Moreover, the conquest of the Philippines marked the transition between settler colonialism in the United States and a transoceanic imperialism that ‘deployed the genocidal logic of the Indian Wars even if in the end it substituted military occupation for settlement’ (See 2017: 51).

Baguio was representative of a space where acts of dispossession that underwrote its creation as a colonial capital would apply elsewhere. This was exemplified through US dispossession of Philippine Indigenous sovereignty and its enclosure of a political future (McKenna 2017: 7). Conversely, Baguio stood distinct from much of the Philippine archipelago in its geographical and climatic features. Located in the mountainous present-day province of Benguet, Baguio’s topography, along with the region’s large native population, suggests that US officials chose an upland retreat quite different from its lowland bases. An early report by the Philippine Commission, a group of five men appointed executive and legislative powers in the colony, describes the local Benguet native population (likely Nabaloi) as an ‘awfully quiet’ and ‘harmless tribe’ that

was 'favorably disposed toward Americans' (Philippine Commission and Taft 1901: 66). Such words likely would not have been used to describe the Filipino revolutionaries of the lowlands.

It was in this context that Daniel Burnham journeyed to the Philippines in 1904, not long after the United States had acquired the archipelago from Spain. Burnham arrived with impressive credentials as an architect, city planner and businessman, having already received numerous awards for his White City designs at the 1893 Chicago World's Fair and work in US cities (McKenna 2017; Morley 2019; Hines 1972).³ Despite only being in the Philippines for a few weeks, Burnham's impact was significant and remains so until today. Describing his role in reconfiguring Philippine urban spaces, Burnham wrote: 'No sooner had the United States come into possession of the Philippines than the War Department set about adapting the city of Manila to the changed conditions brought about by the influx of Americans, who are used to better conditions of living than had prevailed in those islands' (Burnham and Bennett 1909: 29). Burnham secured the commission to re-plan the Philippines through a series of social and personal circumstances that involved his growing reputation as an architect and his long friendship with W. Cameron Forbes, a wealthy banker who served as commissioner (1904–8) and governor-general (1909–13) of the Philippines. Burnham and Forbes shared similar pro-imperialist world views based on an ambivalence towards how US territories were acquired. Although both men agreed on the idea of eventual Filipino self-rule, they believed that Filipinos needed a period of tutelage in which US colonials could effect a 'progressive civilization' (Hines 1972: 40; Burns 2013).

Burnham focused on two projects in the Philippines: improvements to Manila and the plan for Baguio. Although the projects were distinct, his approach underscored the philosophical and aesthetic interconnections between them. Burnham did not explicitly discuss auditory aspects in his reports to US officials, yet his awareness of the relationship between sound and urban design was apparent. Burnham also was deeply inspired by design practices of the École de Beaux Arts in Paris which placed immense value on the creation of monumental, orderly public spaces and civic districts. As some writers have noted, Beaux Arts design did not function within a grid of any historical style but instead represented a way of thinking about form, and in this way, was open and 'liberal' (Van Zanten 2011: 26). Beaux Arts design, for instance, emphasized the idea that one should be able to sense the outside when inside of a building (Van Zanten 2011: 25). Likewise, Beaux Arts philosophy promoted the idea that cities represented spaces of moral, intellectual and governmental

progress (Morley 2019: 49). The importation and propagation of the Beaux Arts-inspired City Beautiful planning in the Philippines, as Ian Morley (2018) suggests, stimulated advancements germane to the US regime's efforts to 'uplift' and 'civilize' the local population. More importantly, city planning was integral to revealing a new political and cultural era while distinguishing the US regime from the previous Spanish era.

The coupling of citizenship and urban design meant that urban planning represented the apogee of rational cultural development. The City Beautiful movement inspired the notion that planning was not only a tool to configure urban environments but also an instrument to enhance the social and cultural conditions of the nation state. Planners sought to resolve social and environmental flaws, such as poor housing and overcrowding apparent within urban communities while highlighting flaws with urban government (Morley 2019: 49–51). Burnham believed that urban design would lead to more effective city planning while promoting economy, efficiency and good citizenship (Morley 2019: 50). Aesthetically, City Beautiful borrowed generously from the Beaux Arts, privileging a neoclassical style 'signalled by the clustering of civic buildings, provision for open spaces around them, and the axial design of city streets' (McKenna 2017: 76). The aesthetic represented a reverence for public life and the aspiration that public spaces become an antidote to the noisy clamour of ethnic and class conflict. The US administration also trained Filipinos, such as Arcadio Arellano, a pioneer in Philippine architecture, in the aesthetics and values of City Beautiful planning, which were later utilized to promote ideas of social progress and national identity (Morley 2018: 434–5).

Urbanism, noise and the auditory

Sensorial aesthetics were embedded in the praxis of design in Burnham's plans. This was evident, for instance, in his incorporation of the European archetype of erecting water fountains in large parks. For instance, Burnham explains the value of having flowing water in parks as a source of refreshment to urban dwellers while using the city of Rome as a model. As Burnham writes, 'Wherever one goes in Rome, the gentle spray of water is ready to refresh the eye and the ear' (Moore 1921: 183). The refreshment of ear and eye, on one hand, suggests how Burnham emphasized visual and aural aesthetics working in tandem with nature. On the other, his assumptions about what constituted sensorial 'refreshment' or who exactly it refreshed also revealed elements of the modernist civilizational

ideology driving City Beautiful. In Burnham's assessment, refreshment in the Philippine context involved the installation of 'playing fountains' that would 'help mitigate the trying effects of a tropical climate' (Moore 1921: 184). Implied in the statement above is an understanding that the transformation of Baguio into a modern city would entail adverse side effects. In other words, Burnham considered the aesthetic value of public parks, water and open spaces in urban environments because large-scale development, as he experienced it in an early-twentieth-century US context, had eradicated such sensorial experiences from the lives of residents of large cities. Considering the types of sounds, smells and sights associated with green spaces, swimming pools, running tracks and other outdoor facilities and venues for public entertainment (which included live musical concerts) was integral for healthy urban living, or as Burnham called it, 'breathing spaces for the people' (Moore 1921: 182). Burnham's resentment towards 'unpleasant sights and sounds' (as an issue of health and economy) was articulated in further detail in the 1909 *Plan for Chicago*. Pushing for the abolishment of excess noise of street and elevated railcars, Burnham argued that such noise deeply impacted residents and ultimately would have adverse effects on the local economy (Burnham and Bennett 1909: 74). Burnham's comments suggest how the experience of urban noise and the senses interweaved with wider issues of capitalist economic and social production, corporeal health and state citizenship. As Burnham writes,

[T]he noises of surface and elevated road cars [are] often excruciating. . . . These conditions cause misery to a large majority of people who are subjected to constant strain . . . and undoubtedly cause a heavy loss of money to the business community. For the sake of the state, the citizen should be at his best and it is the business of the state to maintain conditions conducive to his bodily welfare. Noises, ugly sights, ill smells . . . tend to lower average efficiency. . . . Moreover, citizens have pride in and loyalty to a city that is quiet, clean and generally beautiful. (Burnham and Bennett 1909: 74–6)

Having designed public spaces for large American cities, Burnham understood that the economic benefits of modernizing would come with unpleasant sounds, smells and sights. Such concerns anticipated and paralleled other discussions about the effects of new technologies and noise on public health and urban acoustic settings beginning in the late nineteenth century (Bijsterveld 2008).

At this point, it is worth briefly explicating the differences between perceptions of sound and noise. The word 'sound' describes vibration that is perceived and becomes known through its materiality, often infused with diverse meanings

and interpretations that reside in metaphor (Novak and Sakakeeny 2015: 1–2). The physical form of sound is the movement of particles of air that are the basis for hearing, listening and feeling that enable communication and social development. Sound represents the tangible basis for music, speech and spatial orientation – playing a significant role in determining how we locate ourselves in spaces through reverberation (Novak and Sakakeeny 2015: 1–2). Noise has widely been defined according to a subject-oriented framework that defines it as unwanted, undesirable, bad and unpleasant, anti-social or physiologically damaging or just excessively loud (Thompson 2020: 4; Novak 2015: 125; Voegelin 2013: 43). Noise is often juxtaposed with romanticized notions of ‘natural silence’, some of which have taken on moralistic tones reiterating the binarial position that noise is bad while silence is good.

Noise often is positioned as a material aspect of sound or a type of sound, constituted by particular sonic attributes (Thompson 2020: 4). Although difficult to define, noise is always ‘coloured, filtered, limited, and changed by contexts of production and reception’ (Novak 2015: 126). Moreover, noise has the ‘imperial ability to distract and colonise . . . hearing’ (Voegelin 2013: 44). In American, British and other colonial contexts, colonial agents used noise to further their own modernizing imperatives while simultaneously confronting and substituting the noise of the colony for a more ‘civilized sound’ (Rotter 2019: 147).

In nineteenth-century Britain and Europe, as James Mansell (2017: 1) writes, ‘Noise was not just representative of the modern, it *was* modernity manifested in audible form.’ The so-called age of noise equated Western modernity with the clash and clatter of urban and industrial life. This was representative of changing times where noise was thought to be ‘clamorous, all-enveloping and unpredictable’ in industrialized cities due to the introduction of technologies such as motor vehicles, airplanes, typewriters, gramophone loudspeakers, factories and telephones (Mansell 2017: 1–4). Discussions of noise constituted a conscious engagement with the politics of modernity in which the modern was not solely a set of ideas, institutions and practices but rather ‘a sensed experience of an unnerving atmosphere’ (Mansell 2017: 1–2, 11). The rise of industrial capitalism and increasingly dense concentrations of people in cities and towns meant that auditory respite was difficult to find. Vibrations of noisy urban life in the industrialized West resonated in a way where many people living in Western cities became accustomed to hearing such sounds. In the United States, the war on noise had important precedents in anti-noise activism throughout the 1900s and 1910s and later in New York City’s Noise Abatement Commission (NAC),

which from 1929 to 1932 undertook landmark studies of urban noise based on the premise that urban technological progress itself was the cause of the noise problem (Radovac 2011; Bijsterveld 2008; Thompson 2002; Smilor 1978). Other Depression-era anti-noise campaigns in New York City framed noise as not merely a behavioural or technological problem but a symptom of urban disorder, requiring that noise be conceived as a spatial problem necessitating a different set of strategies to control (Radovac 2011: 736). Ultimately, such strategies involved increased policing and surveillance and the reconfiguration of urban space as city officials and urban planners sought to protect the stability of the city's suddenly volatile social relations.

For colonial administrators across the world, one of the requirements for effective governance was the quieting of noise. Noise was culturally and racially defined so that it was not white colonizers who created noise but rather their subjects. As Andrew Rotter (2019: 135) observes in imperial India, 'Indians made noise, not sound, and Britons regarded it as something between a nuisance and a threat.' As the British Empire expanded across the globe, they removed noisy people in places such as Canada and New Zealand with 'more sonically dutiful white settlers' (Rotter 2019: 132). As noise abatement campaigns were undertaken across US and European cities in the late nineteenth century, changes in the dynamics of urban soundscapes 'transferred readily and deliberately to the sites of empire . . . where sonic environments were more noise than sound' (Rotter 2019: 134). As Rotter writes, 'In their presumed resemblance to Native Americans, immigrants, ethnic and racial minorities and the lower classes at home, Indians and Filipinos presided over undisciplined natural soundscapes abetted by their own primitive noise. Britons and Americans would try to impose their own auditory regimes. . . . If they could not get silence, they would at least demand quiet.' Imperial control of noise defined public space and, in some cases, even restricted certain noises as a matter of public safety. British colonial officials, for instance, created a series of Noise Ordinances that determined when and where Hindu musical processions could move in the British Empire (Sykes 2015: 384).

In the Philippines, noise was ominous and annoying to some American expatriates but did not prevent them from listening and trying to understand it. US governors took tours of the islands not merely as an exercise in reading the landscape but also to listen to acoustic environments and the people (Rotter 2019: 140–2). Although noise abatement was less of a concern, issues of noise were inherent to urban planning. In Burnham's Baguio Plan, the construction of buildings, roads and open spaces fused with its natural surroundings, and

subsequently, the city acquired a reputation for being ‘a place of park-like splendor’ (Morley 2019: 91). Such spaces also promoted the acclimatization of US colonials, many of whom considered the tropical climate unsuitable for long-term and widespread settlement, due to the perception that tropical climates caused the deterioration of physical and mental health among white people (Anderson 1997). As a full-functioning city constructed out of the Philippine wilderness, Baguio’s climate and beauty reminded both colonizers and the colonized that life under US rule was being transformed. In this sense, Baguio was conceived not as a place that would dominate the natural landscape but instead embrace it (Morley 2019: 17; see Figure 8.1).

Burnham’s purposeful insistence on promoting beauty and functionality centred on the idea that the Baguio meadow would be the geographical centre (or central axis) of the city. The Baguio Plan intended for its natural environment to be more than just a backdrop for the city. Its rationale of blending urban and natural reinforced the character of US governance and its alleged benevolence by creating Baguio as a tool for the colonial regime to obtain influence and control over terrain previously belonging to the Indigenous Igorot people (Morley 2019: 92). As described earlier, such ideas extended settler-colonial practices of the US metropole to the Philippines.

Figure 8.1 Photograph of Burnham Park, Baguio, c. 1913. Courtesy of the Ammann-Irminger Collection, Filipinas Heritage Library, Ayala Museum, Philippines.

Prior to the arrival of American settlers, the grassland meadow, known as Kafagway to the local Igorot people, was mainly used to graze cows, carabao and horses, and bore the distinct soundmark of a horn that would be sounded at certain hours to summon livestock to feed (Tapang 1982: 82–3). The desertion of Kafagway by the Ibaloi, as one US expatriate noted, symbolized ‘a silent protest against outside interference’, and it was not unusual to hear Igorots state that if US colonialists were to leave ‘we would quickly return to the happy life enjoyed by our ancestors’ (Pérez 1904: 198). As Olivia Habana (2001: 10) observes, US colonials who laid claim to Baguio conveniently overlooked the fact that its streams, pastures and mines were already inhabited and owned by Igorots.

According to the Baguio Plan, the central meadow offered the largest area of level land and the most practical area for development, a site where ‘all the more important activities, including business, municipal and government functions’ would be located. This would leave the outlying areas on the surrounding hills to be a space for ‘residence property’ and ‘detached institutions of public and semi-public nature’. Schools, universities, churches, hospitals, asylums and sanitariums were strategically placed on higher ground because, as Burnham explains, such institutions demanded ‘a quiet location conveniently accessible to the city’ (Burnham and Bennett 1909). The distinction of higher ground as quiet and tranquil was indicative of how urban space was aurally differentiated according to the function of certain institutions.

Burnham’s cultivation of separate auditory spheres along the gridded lines of noise and quiet also was reflected in the creation of street systems that laid down geometrical schemes that adapted to the contours of the Baguio valley (Moore 1921: 198). Different from the earlier Spanish colonials, the US administration considered road construction in the Philippines as key to economic development and nation-building, emphasizing specifically how roads productively linked regions, people and resources (McKenna 2017: 52–3). Besides providing ample sunlight, ventilation and strategic sight lines to government buildings, the street system concentrates traffic flow and the sounds of horse carts, carriages, motor vehicles and pedestrians to the far north-west quadrant of the valley, where businesses and government offices were located. Quiet spaces were preserved for schools, colleges and hospitals in outlying areas to the east and south, a significant distance from the municipal centre and its main roads. In this context, the hills surrounding the Baguio valley supplied visual grandeur and a physical sonic enclosure that would resonate colonial auditory power through the sounds emanating from the city’s municipal centre.

As Blesser and Salter (2009: 4) observe, listening to a real environment, such as an urban street, concert hall or a dense jungle, is a sonically complex endeavour. This is due to the composite of numerous objects, surfaces and geometries in a complicated environment that creates an aural architecture. Sounds from multiple sources interact with various spatial elements that may displace familiar sounds in unfamiliar environments. Without delving too deeply into issues of aural architecture, it is worth emphasizing here the ways that visual and aural meanings often align and reinforce each other (Blesser and Salter 2009: 3). Hearing, and its active component listening, enables us to aurally visualize spatial geometry and propagate cultural symbols through aural architecture. In this sense, we may imagine that Burnham's aural visualization of Baguio's natural geometry followed a wider philosophy of embracing nature and more specifically, the sounds of nature. By differentiating spaces of noise and quiet, as I discuss in the following section, Burnham cultivated aural-spatial distinctions that both preserved and drastically re-engineered the auditory environment of the Baguio valley. The cultivation of separate auditory spheres would figure more prominently into Burnham's plans for Manila and Chicago, especially in the grouping of government buildings, courthouses, parks and green spaces versus areas of business and commerce (McKenna 2017: 104). From an ideological (and aural) standpoint, Burnham knowingly restricted what he called the 'clatter of commerce' from spaces that he considered 'majestic, venerable and sacred' (McKenna 2017: 104). The distinction between aural spaces would inform how and why park space would be central to Baguio's overall design.

Green spaces and urban aurality

The idea of preserving Baguio's natural environment, to a degree, was reflected in how it was originally idealized in its pastoral form. As I described earlier, building the hill station was not only about escaping the heat, overwork and exhaustion of the lowlands, which were arguably the realities of US occupation. Baguio also represented a retreat into nature, or more accurately, a re-engineered 'imperial pastoral' (William 1899; McKenna 2017: 11–12). Furthermore, the idea of a 'pastoral capitalism' was exemplified in the efforts of US corporations in the mid-twentieth century to refigure their suburban campuses to resemble a pastoral setting. Such efforts reflected a distaste for the sensorial realities of industrial production, namely the noise and congestion of dense urban cores (Mozingo 2011). As McKenna (2017: 14) aptly notes, the idea of the suburb as

pastoral was not far off from how colonial administrators imagined Baguio. Like other 'progressive' imperialists of the time, Burnham had mixed feelings about the effects of the US invasion in the Philippines. For instance, he warned about the overdevelopment of its green spaces and protecting forests from exploitation by 'energetic lumbermen' (Moore 1921: 202).

The open space Burnham sought to preserve was the Baguio meadow, which bisected the valley to become a central *tapis vert* or 'greensward', a grassy mall between clusters of government buildings.⁴ Setting Baguio's colonial offices amid grass and trees created a pastoral middle-ground landscape that associated the imposing structures and institutions of colonial power with the virtues of nature itself (McKenna 2017: 78). The preservation of green spaces was central to Burnham's plan and as such were intended to be aurally and visually appealing to American settlers. Burnham's 1909 *Plan of Chicago* more clearly articulated the ideal of parks as 'quiet stretches of green' that would 'enhance its attractiveness' and 'develop its natural beauties' (Burnham and Bennett 1909: 50). In Baguio, green spaces formed a continuous parkway meant for recreation, public events and performances in open-air theatres. Although such areas were created as 'quiet spaces', certain types of sound familiar to US colonials would become a dominant feature of the meadow and its surroundings. For instance, Western musical concerts, public speeches and sporting events featured sonic expression in the meadow that otherwise would be incommensurate with the soundscape of the Cordillera Mountains.

The *Plan for Baguio*, to an extent, became a blueprint for engineering urban space in the Philippines. It was not, however, conceived as an immutable model. After Burnham left the Philippines, he chose William E. Parsons, a fellow architect inspired by the French Beaux Arts, to implement the designs. Parsons altered the initial plan by establishing Burnham Park on the meadow, a redesign that included tree-lined open areas, walkways and a man-made lake for boating, all neatly arranged in a grand symmetrical layout. As Morley (2019: 100) observes, the creation of Burnham Park exploited urban space to aid the normalization of Filipinos living in what US expatriates considered 'culturally unacceptable ways' and represented the colonial imperative of drawing local people into the fold of modern US culture. Besides spatially fortifying the central axis of colonial administrative buildings and green spaces, Burnham Park symbolized a sonic order for which types of sounds would be deemed acceptable in a modern park, for instance light conversation, boating, Western music, sports activities and recreation. In other words, Burnham Park sonically represented how green spaces in the Philippines should sound (see Figure 8.1).

As Henri Lefebvre (1996) suggests, legitimized and authorized presence in a city centre structures membership in the urban public by determining who has ownership of a city and can represent it. Sounding the city in a present-day context, as Marina Peterson (2010: 18–19) observes, involves making urban space ‘neutral’ through projects such as concert programming and urban renewal which ‘cleans’ public areas, such as corporate downtown plazas, by turning them into civic spaces. The idea of cleansing here assumes the wider ideological role of social reform wrapped in urban rationality: clean spaces create clean people, in both body and morals (Peterson 2010: 20). The function of sound in the cleansing of a colonized space reiterates an argument made by Michel de Certeau (1984: 94) that urban environments, in their design, can be employed for ‘social betterment’ when a rational organization of the environment takes place – a process that includes the production of new spaces to ‘subjugate pollutants’.

Race was a significant factor in the process and the site of deep struggle in Philippine–US colonial history. As Paul Kramer notes (2006: 4–5), the result of such struggle was ‘a novel racial formation’ whose contours and texture emerged from a convergence of transnational forces implicating participants of the United States, the Philippines and Europe and its colonial outposts. The encounter between US and Filipino forces in the Philippine–American War (1899–1902) structured American racial ideas about Filipinos as tribally fragmented (therefore unfit for self-government) yet racially united in support of guerrilla warfare (Kramer 2006: 5). At the war’s conclusion, the Philippine Commission and collaborating Filipino elites constructed a new racial state organized around the capacity of colonial power to shape ‘a progressive, future oriented Filipino’ under the tutelage and indefinite control of the United States (Kramer 2006: 5). Given that the binary of whites and non-whites in the United States did not exist in the Philippines, the racial landscape that existed in North America could not be transplanted to the colony without being altered (Molnar 2017: 5). American concepts of race were adapted to a Filipino racial hierarchy, creating a ‘hybridized concept of race’ that did not previously exist in that context. The new racial formation also reiterated a bifurcation of the population into Christian and non-Christian people, a binary categorization with deep roots in earlier Spanish colonialism. As Hispanized Filipino elites allied with US colonial rulers, both groups reinforced the widening gap between the ‘civilized Christians’ and ‘non-Christians’, especially those of Moro (Muslim) background on the southern islands of Mindanao, Palawan and the Sulu archipelago and the animist highlanders of Luzon island such as the Igorots.

In the context of colonial Baguio, the transformation of a rural mountain area inhabited by a significant native Igorot population into a summer resort town represented a form of class and racial segregation. The re-engineering of the Baguio valley created a distinctly colonized space to be used and enjoyed by colonials and members of the Filipino elite, a group that the US administration believed would eventually govern the Philippine state under US tutelage.

Re-engineering Baguio, in this respect, was not only about constructing modern concrete public edifices, such as city halls and government buildings, tree-lined boulevards and expansive green spaces. With the addition of colonial architecture came the simultaneous cleansing and erasure of acoustic characteristics previously distinctive to the Baguio valley and native communities. The colonial formula of adding and subtracting was symbolized by the creating and destroying of sensory worlds in Baguio. Furthermore, the engineering of a 'civilized' Baguio urban core addressed some of the unease felt by early US settlers who described 'strange' and 'frightening' sounds emanating from the surrounding forests and Igorot villages.

The role of colonial administrators and planners was to conceive and construct stable, isolatable and interconnected properties and organize the city's operations to eliminate identified pollutants. US officials such as E. J. Halsema, the Baguio mayor from 1920 to 1937, were best known for such a role. As a local newspaper of the period opined, 'A man forgets the burdens of democracy to quietly enjoy an atmosphere of cleanliness, of orderliness, and paradisiacal tranquility [in Baguio] . . . the roads are always kept in good order [and] no deafening noises are heard' (Halsema 1991: 205–6). The cleansing (or neutralization) of auditory space in colonial Baguio had different implications. For Burnham's protégé William Parsons, the establishment of Burnham Park in the city centre kept with the original intention of the urban park as a cleansing space of sensorial refreshment. The park, however, also marked a space of white colonial domination that, to an extent, cleansed Baguio of the sounds that frightened and caused unease among some US expatriates, especially in terms of the sounds emanating from the nearby Igorot villages and forests.

Conclusion

If the project of Western imperialism is to be understood widely as a complex phenomenon implicating multiple purposes of cultural and religious power, militarism, capitalism, tourism and other imperatives of progress, it is also about

how Westerners have tried to control parts of the world with which they were (and are) largely unfamiliar. Unfamiliarity, as Uday Singh Mehta (1999) writes in *Liberalism and Empire*, is not merely ignorance but rather quite the opposite. As Mehta observes, many British liberal thinkers of the 1800s met fastidious standards of knowledge about the parts of the British Empire they wrote about. What Mehta (1999: 2) means by ‘unfamiliarity’ is the idea that Western colonizers did not share the ‘various ways of being and feeling’ that shape experience and give meaning to the communities and the individuals that constitute them, or in other words, not being familiar with what was experientially familiar to others in the empire. Unfamiliarity fuelled a liberal preoccupation with empire as a legitimate form of political and commercial governance. As was the case with many liberal and progressive thinkers of the time, what was understood as knowledge about colonized people easily became justification for the empire, especially as liberal European thought and Eurocentrism gained confidence in its universality and cosmopolitanism (Mehta 1999: 9; Quijano 2008: 197). Unfamiliarity, in this context, also inspires the desire to familiarize. This feature of Western colonial projects was evident from its earliest days and is ongoing – for instance, in the desire to make familiar spaces of US military outposts across the world as symbols of power and consumer consumption (Gillem 2007). Colonial contexts of intense contact, as Anna Maria Ochoa Gautier (2014: 34–5) observes, mobilize an ‘acoustic regime of truths’ where certain modes of perception, description and inscription of sound are considered more valid than others in the context of unequal power relations. Acoustic knowledge is formed at the nexus of what we can make sense of and what we cannot yet still affects us.

In the colonial Philippines, liberal-thinking planners such as Daniel Burnham designed modern urban spaces that would aurally and visually appeal to the increasing population of US expatriates. Such ideas ostensibly differentiated ‘benevolent’ US rule from the previous period of Spanish rule. Urban spaces like Baguio were constructed as material symbols of imperial power, and Burnham’s designs transformed the secluded military outpost into a bustling highland summer retreat and tourist destination in the early twentieth century. This process included the introduction of new communication technologies and the construction of urban infrastructure (roads, railway), green spaces and other facilities (e.g. amphitheatre, country club, golf course) that would dramatically transform Baguio’s natural landscape and auditory environment. Burnham’s plans for Baguio were implemented and replicated across the Philippines by William E. Parsons and Filipino planners such as Juan Arellano and Antonio Toledo from 1905 to 1914. In addition to the Manila capital, cities such as Cebu, Zamboanga and provincial capitals including Tarlac, San Fernando, Lucena City, Legazpi City and others were redesigned to fit US standards (Morley 2018: 252).

Features of the redesigns included the classically built concrete edifices, such as city halls and capital buildings, wide boulevards lined with trees and the creation of spacious parks and green spaces. Baguio's auditory contact zones were sonic spaces of interaction where disparate cultures met under the asymmetrical power relations of colonialism. Such complex and rugged terrains framed the interactive dimensions of the imperial encounter sensorially. The 'smoothing out' of Baguio's rough and rocky terrain, in this respect, involved complex layers of re-engineering of sonic and spatial architecture that prefigured a wider infrastructural strategy that would replicate across the Philippine archipelago under US colonial rule.

Notes

- 1 An earlier version of this chapter was first published as Russell P. Skelchy (2021), 'Auditory and Spatial Regimes of United States Colonial Rule in Baguio, Philippines', *Sound Studies*, 7 (2): 187–205. It is reproduced here with the permission of Taylor and Francis. Research for this chapter was funded by the European Research Council under the European Union's Horizon 2020 research and innovation programme (Grant Number 682081).
- 2 For instance, see 'Top 19 Tourist Sites in Baguio, Philippines: The City of Pines': <https://guidetothephilippines.ph/articles/things-to-do/baguio-city-tourist-spots> (accessed 15 May 2020) as well as Reed (1976).
- 3 White City's neoclassical buildings evoked the architecture of imperial Rome or Athens. Burnham's design demonstrated that he was well acquainted with European precedents (McKenna 2017: 76).
- 4 The word 'greensward' gained popular currency in Olmstead and Vaux's 1858 winning scheme for the design of Central Park in New York City. These park designers and their clients believed that spatial practices, such as promenading, riding and boating, engendered a sense of 'communicativeness' and 'commonplace civilization' that fostered a 'democratic community' through the enactment of everyday recreational spatial practices (Meyer 2007: 61).

References

- Anderson, W. (1997), 'The Trespass Speaks: White Masculinity and Colonial Breakdown', *American Historical Review*, 102 (5): 1343–70.
- Anderson, W. (2006), *Colonial Pathologies: American Tropical Medicine, Race and Hygiene in the Philippines*, Durham, NC: Duke University Press.

- Balance, C. B. (2016), *Tropical Renditions: Making Musical Scenes in Filipino America*, Durham, NC: Duke University.
- Banivanua Mar, T. and P. Edmonds, eds. (2010), *Making Settler Colonial Space: Perspectives on Race, Place and Identity*, Houndmills: Palgrave Macmillan.
- Bijsterveld, K. (2008), *Mechanical Sound: Technology, Culture and Public Problems of Noise in the Twentieth Century*, Boston, MA: MIT Press.
- Blessner, B. and L. Salter. (2009), *Spaces Speak, Are You Listening? Experiencing Aural Architecture*, Cambridge, MA: MIT Press.
- Bronfman, A. (2014), 'Birth of a Station: Broadcasting, Governance and the Waning Colonial State', *Small Axe*, 18 (2): 36–52.
- Buenconsejo, J. S., ed. (2017), *Philippine Modernities: Music, Performing Arts and Language, 1880–1941*, Quezon City: University of the Philippines Press.
- Bulosan, C. (1973), *America is in the Heart: A Personal History*, Seattle: University of Washington Press.
- Burnham, D. H. and E. H. Bennett (1909), *Plan of Chicago*, Chicago: Commercial Club.
- Burns, L. M. (2013), *Puro Arte: Filipinos on the Stages of Empire*, New York: New York University Press.
- Cardoso, L. (2019), 'Introduction: Hearing like a State', *Sound Studies*, 5 (1): 1–3.
- Castro, C. A. (2011), *Musical Renderings of the Philippine Nation*, Oxford: Oxford University Press.
- Cranston, C. (1937), *I've Been Around: Seen and Heard Circling the Globe in Six Months from New York to New York*, Philadelphia, PA: J. B. Lippincott Company.
- Crossette, B. (1998), *The Great Hill Stations of Asia*, Boulder, CO: Westview Press.
- Czerniak, J. (2007), 'Introduction/Speculating on Size' and 'Legibility and Resilience', in J. Czerniak and G. Hargreaves (eds), *Large Parks*, 19–34, New York: Princeton Architectural Press.
- de Certeau, M. (1984), *The Practice of Everyday Life*, Los Angeles: University of California Press.
- de Gracia Concepcion, M. (1931), 'Silent Trails', *Philippine Magazine* (September): 173.
- Douglas, S. (2004), *Listening In: Radio and the American Imagination*, Minneapolis: University of Minnesota Press.
- Erlmann, V. (2004), 'But What of the Ethnographic Ear? Anthropology, Sound, and the Senses', in V. Erlmann (ed), *Hearing Cultures: Essays on Sound, Listening, and Modernity*, 1–20, Oxford: Berg.
- Gillem, M. L. (2007), *America Town: Building the Outposts of Empire*, Minneapolis: University of Minnesota Press.
- Gonzalez, V. V. (2013), *Securing Paradise: Tourism and Militarism in Hawai'i and the Philippines*, Durham, NC: Duke University Press.
- Habana, O. M. (2001), 'Gold Mining in Benguet: 1900–1941', *Philippine Studies*, 49 (1): 3–41.
- Häkli, J. and K. P. Kallio (2014), 'Subject, Action and Polis: Theorizing Political Agency', *Progress in Human Geography*, 38 (2): 181–200.

- Halsema, J. (1991), *E.J. Halsema, Colonial Engineer: A Biography*, Quezon City: New Day Press.
- Hawkins, A. (2012), 'Appropriating Space: Antarctic Imperialism and the Mentality of Settler Colonialism', in T. Banivanua Mar and P. Edmonds (eds), *Making Settler Colonial Space: Perspectives on Race, Place and Identity*, 29–52, New York: Palgrave Macmillan.
- Hines, T. S. (1972), 'The Imperial Façade: Daniel Burnham and American Architectural Planning in the Philippines', *Pacific Historical Review*, 41 (1): 33–53.
- Howes, D. (2005), 'Introduction: Empires of the Senses', in D. Howes (ed), *Empire of the Senses: The Sensual Culture Reader*, 1–20, New York: Berg.
- Howes, D. and C. Classen. (2013), *Ways of Sensing: Understanding the Senses in Society*, New York: Routledge.
- Ileto, R. C. (1998), *Filipinos and Their Revolution: Event, Discourse, and Historiography*, Quezon City: Ateneo de Manila University Press.
- Ileto, R. C. (2017), *Knowledge and Pacification: On the US Conquest and the Writing of Philippine History*, Quezon City: Ateneo de Manila University Press.
- Irving, D. R. M. (2010), *Colonial Counterpoint: Music in Early Modern Manila*, Oxford: Oxford University Press.
- Kennedy, D. (1996), *The Magic Mountains: Hill Stations and the British Raj*, Berkeley: University of California Press.
- Kramer, P. A. (2006), *The Blood of Government: Race, Empire, the United States, and the Philippines*, Chapel Hill: University of North Carolina Press.
- Lefebvre, H. (1996), *Writings on Cities*, trans. and ed. E. Kofman and E. Lebas, Cambridge, MA: Blackwell.
- Man, S. (2018), *Soldiering Through Empire: Race and the Making of the Decolonizing Pacific*, Berkeley: University of California Press.
- Mansell, J. G. (2017), *The Age of Noise in Britain: Hearing Modernity*, Urbana: University of Illinois Press.
- Manuel, A. E. (1978), *Towards an Inventory of Philippine Musical Instruments: A Checklist of the Heritage from Twenty-three Ethnolinguistic Groups*, Quezon City: Asian Studies.
- May, G. A. (1980), *Social Engineering in the Philippines: The Aims, Execution, and Impact of American Colonial Policy, 1900–1913*, Westport, CT: Greenwood Press.
- McCoy, A. (2009), *Policing America's Empire: The United States, the Philippines, and the Rise of the Surveillance State*, Madison: University of Wisconsin Press.
- McKenna, R. T. (2017), *American Imperial Pastoral: The Architecture of US Colonialism in the Philippines*, Chicago: University of Chicago Press.
- Mehta, U. S. (1999), *Liberalism and Empire: A Study of Nineteenth Century British Liberal Thought*, Chicago: University of Chicago Press.
- Meyer, E. K. (2007), 'Uncertain Parks: Disturbed Sites, Citizens and Risk Society', in J. Czerniak and G. Hargreaves (eds), *Large Parks*, 59–86, New York: Princeton Architectural Press.
- Mock, C. B. (1981), 'Childhood, Love and War in Manila: A Memoir', *Bulletin of the American Historical Collection*, 30 (1): 7–30.

- Molnar, N. T. (2017), *American Mestizos, the Philippines and the Malleability of Race, 1898–1961*, Columbia: University of Missouri Press.
- Moore, C. (1921), *Daniel H. Burnham: Architect, Planner of Cities, Volume Two*, Boston: Houghton Mifflin Company.
- Morley, I. (2018), 'The First Filipino City Beautiful Plans', *Planning Perspectives*, 33 (3): 433–47.
- Morley, I. (2019), *Cities and Nationhood: American Imperialism and Urban Design in the Philippines, 1898–1916*, Honolulu: University of Hawai'i Press.
- Mozingo, L. A. (2011), *Pastoral Capitalism: A History of Suburban Corporate Landscapes*, Cambridge, MA: MIT Press.
- Novak, D. and M. Sakakeeny, eds. (2015), *Keywords in Sound*, Durham, NC: Duke University Press.
- Novak, D. (2015), 'Noise', in D. Novak and M. Sakakeeny (eds), *Keywords in Sound*, 125–38, Durham, NC: Duke University Press.
- Ochoa Gautier, A. M. (2014), *Aurality: Listening and Knowledge in Nineteenth-Century Colombia*, Durham, NC: Duke University Press.
- Owen, R. (2004), *Lord Cromer: Victorian Imperialist, Edwardian Proconsul*, Oxford: Oxford University Press.
- Pérez, A. (1904), *Relaciones Agustinianas de Las Razas del Norte de Luzon*, Department of the Interior, Ethnological Survey Publications, Vol. 3, Manila: Bureau of Public Printing.
- Peterson, M. (2010), *Sound, Space and the City: Civic Performance in Downtown Los Angeles*, Philadelphia: University of Pennsylvania Press.
- Philippine Commission and William H. Taft (1901), 'F. H. Donaldson-Sim, Interview by the Philippine Commission, 26 July 1899', *Reports of the Taft Philippine Commission*. General Records of the Department of State, Records of the US Commission to the Philippine Islands, 1898–1909, RG 59, Entry 1027, 250: 48/28/01–02, Box 2, National Archives and Records Administration, Washington, DC.
- Pratt, M. L. (2008), *Imperial Eyes: Travel Writing and Transculturation*, 2nd edn, Abingdon: Routledge.
- Quijano, A. (2008), 'Colonialism and It's Replicants', in M. Moraña, E. Dussel and C. A. Jáuregui (eds), *Coloniality at Large: Latin America and the Postcolonial Debate*, 181–224, Durham, NC: Duke University Press.
- Radovac, L. (2011), 'The "War on Noise": Sound and Space in LaGuardia's New York', *American Quarterly*, 63 (3): 733–60.
- Rafael, V. L. (1993), *Contracting Colonialism: Translation and Christian Conversion in Tagalog Society under Early Spanish Rule*, Durham, NC: Duke University Press.
- Rafael, V. L. (2000), *White Love and Other Events in Filipino History*, Durham, NC: Duke University Press.
- Rafael, V. L. (2018), 'Colonial Contractions: The Making of the Modern Philippines, 1565–1946', in D. Ludden (ed), *Oxford Research Encyclopedias: Asian History*, 1–32, Oxford: Oxford University Press.

- Reed, R. R. (1976), *City of Pines: The Origins of Baguio as a Colonial Hill Station and Regional Capital*, Berkeley: University of California Press.
- Revill, G. (2016), 'How Is Space Made in Sound? Spatial Mediation, Critical Phenomenology, and the Political Agency of Sound', *Progress in Human Geography*, 40 (2): 240–56.
- Rotter, A. J. (2019), *Empires of the Senses: Bodily Encounters in Imperial India and the Philippines*, Oxford: Oxford University Press.
- See, S. E. (2017), *The Filipino Primitive: Accumulation and Resistance in the American Museum*, New York: New York University Press.
- Skelchy, R. (2021), 'Auditory and Spatial Regimes of United States Colonial Rule in Baguio, Philippines', *Sound Studies*, 7 (2): 187–205.
- Smilor, R. W. (1978), *Confronting the Industrial Environment: The Noise Problem in America, 1893–1932*, Austin: University of Texas Press.
- Smith, M. M. (2007), *Sensing the Past: Seeing, Hearing, Smelling, Tasting, and Touching in History*, Berkeley: University of California Press.
- Sterne, J. (2011), 'The Theology of Sound: A Critique of Orality', *Canadian Journal of Communication*, 36 (2): 207–25.
- Subido, G. C., ed. (2009), *The Baguio We Know*, Manila: Anvil Publishing.
- Sykes, J. (2015), 'Sound Studies, Religion and Urban Space: Tamil Music and the Ethical Life in Singapore', *Ethnomusicology Forum*, 24 (3): 380–413.
- Tan, A. Q. (2018), *Saysay Himig: A Sourcebook on Philippine Music History, 1880–1941*, Quezon City: University of the Philippines Press.
- Tapang, B. P. (1982), 'Innovation and Economic Change: A Case History of the Ibaloy Cattle Enterprise in Benguet', MA diss., Centre for Research and Communication, Manila.
- Thompson, E. (2002), *The Soundscape of Modernity: Architectural Acoustics and the Culture of Listening in America, 1900–1933*, Cambridge, MA: MIT Press.
- Thompson, M. (2020), *Beyond Unwanted Sound: Noise, Affect and Aesthetic Moralism*, London: Bloomsbury.
- Trouillot, M. (1995), *Silencing the Past: Power and the Production of History*, Boston, MA: Beacon Press.
- Van Zanten, D. (2011), 'Just What Was Beaux Arts Architectural Composition?' in J. W. Cody, N. S. Steinhardt and T. Atkin (eds), *Chinese Architecture and the Beaux Arts*, 23–37, Honolulu: University of Hawai'i Press.
- Voegelin, S. (2013), *Listening to Noise and Silence: Towards a Philosophy of Sound Art*, London: Bloomsbury.
- Weizman, E. (2007), *Hollow Land: Israel's Architecture of Occupation*, London: Verso.
- William, J. (1899), 'The Philippine Tangle', *Boston Evening Transcript*, 1 March.
- Wilson, R. (2000), *Reimagining the American Pacific: From South Pacific to Bamboo Ridge and Beyond*, Durham, NC: Duke University Press.
- Woolley, M. (1913), 'Baguio, Simla of the Philippines', *Overland Monthly*: 292–3.