# **Chapter VII**

# Commendation of Land in Medieval Japan and Its Social Function

# TAKAHASHI Kazuki

# 1. Commendation in the Medieval Period and Differences in Social Class

The commendation (*kishin* 寄進, endowment) of immoveable property like land in which people have certain rights and interests has been an activity seen over the centuries in the Japanese archipelago. Besides secular figures, the recipients of the commendation might be the deities, temples and shrines, and high-ranking Buddhist priests. Of particular note is that the commendation of land in Japanese medieval society (approximately 11th–16th centuries) closely resembles the waqf of Islam and so provides a suitable subject for comparison.

Specifically, I would like to examine cases where land was commended by lay people as an income source to support temple activities. The vast majority of documentation concerning commendation in medieval Japan that has survived has been handed down within Buddhist temples. We should be aware though that the word "temple" covers a broad spectrum of institutions, from the ancient great temples of the area around the capital to small temples patronised by local powerholders and village communities. The commendation of land to all of these institutions was entwined in a variety of ways with the expectations of the people who were involved in it, and with the fulfilment of a variety of social functions. In this paper I would like to present a number of points for discussion based on examples from medieval Japan, including the redistribution of wealth and other questions taken up at this symposium.

From the tenth century, the way the state was involved in the ownership of land and the rights to it was delineated by social class [Akamatsu 1972; Satō 2001].

Naturally enough it was the rights and interests of the nobility (*kizoku* 貴族) that were legally protected and regulated by the state. In the medieval period, "nobility" refers to the noble-bureaucrats of the central government resident in the capital, Kyoto, and by extension, in terms of social class, the Buddhist priests of the great temples in Kyoto and its environs. In the main, those who actually cultivated the land (farmers, etc.) autonomously evolved various rights and interests in it, and practised an independent system of tenure with no official involvement [Yamada 1983; Kanno 1990]. This happened because in medieval Japan rights and interests in the same piece of land were linked to different social classes, allowing many layers to coexist.

These rights and interests can be differentiated, among others, into cultivation rights, tax collection rights, and proprietary rights. All could be granted, traded, or commended. Modern historians have acquired knowledge of this phenomenon through the large amount of surviving documents that were written up when such rights were transferred. They of course concerned the nobility living in the capital, but as time passed documents were also issued from the capital and its environs related to the transfer of rights of persons like cultivators who were outside state control, which were exchanged independently among the parties concerned [Nakada 1943; Hōgetsu 1999; Kasamatsu 1979; Kanno 1986]. When we consider the commendation of land in medieval Japan as a case for comparison with the waqf, it is necessary to differentiate the historical situation both qualitatively and in terms of social class, that is, the person involved and the land itself.

# 2. The Establishment of Medieval *Shōen* by Sovereigns, and Their Commendation

The commendation of land within medieval aristocratic society is closely related to the development of  $sh\bar{o}en$  荘園 (estates outside direct state control, with immunity from state taxation and direct supervision by state officials) that had their origin in the dismemberment of the right of the state to levy and collect taxes, and to the later transfer of that right. State taxation was part of the civil administration system that had been introduced in the seventh century modelled on that of Tang China, and under it, the emperor and his officials had received stipends from the tax revenue brought to the capital from the provinces. The imperial court also officially guaranteed the income source for the temples that the emperor and his relatives sponsored. As the system stagnated, the nobility and the great temples linked themselves directly with specific tracts of land in the provinces, exchanging the arrears of their state stipends for official recognition of their acquisition of all or part of the rights to the taxation of that land and to its collection [Nagahara 1961; Sakamoto 1985]. This was the medieval *shōen*. Linking the nobles in the capital and the land in the provinces were local powerholders who collected taxes in the various regions, as well as middle-ranking nobles who had been appointed as senior provincial officials by the central government, and their subordinates [Murai 1965; Kudō 1992].

Between the end of the eleventh century and the twelfth, the period when a fully-fledged medieval society developed, emperors, their fathers and grandfathers (retired emperors), and their relatives enthusiastically involved themselves in having new temples built in the vicinity of the capital. These were large institutions where state rituals were performed, and they were intended to house the patron's tomb after his death. Members of the ruling group developed large numbers of new *shōen* as a source of income, and commended them for their temples' support.

Under the *ritsuryō* system, the government would have granted a revenue source from its tax income to provide financial support of the temples. Since this was however no longer a possibility by the beginning of the medieval period, *shōen* were commended to temples after having been set up through a number of procedures between the court and the provincial authorities to gain official approval.

The sovereign and his relatives set up  $sh\bar{o}en$  at their own initiative [Kawabata 2000; Takahashi 2004a]. Officially though, this took the form of the commendation of a  $sh\bar{o}en$  already in the possession of a court noble to the sovereign and others, and then to the temples of which they were patrons. This was in line with the political ideal, in existence since around the seventh and eighth centuries, that the sovereign received petitions and applications from those of lower rank and then responded in an appropriate way.

The *shōen* already in the possession of nobles or which had been commended to them were in fact small scale affairs, constituting in actuality no more than certain tracts of land under cultivation. In most cases senior provincial officials, who were appointed from among the urban nobility and sent out from the capital, were allowed a partial right to levy taxes personally, but only during the period of their appointment, and immediately lost this prerogative when their term was up. It was an instable situation, compounded by the fact that there was no coordinated management of the land and the cultivators on *shōen* owned by the nobles, because supervision of residents, like the farmers who actually cultivated the land, had not been sufficiently established.

In the course of the twelfth century, new *shōen* established by the sovereign and those around him to commend to temples came to extend over a very wide area, though the land that had been in the possession of nobles remained at their core. These new *shōen* included not just tracts of cultivated land but also waste land intended for reclamation, forest land to supply lumber for the maintenance of the temple to which it had been commended, and rivers and streams that produced items for tax-in-kind, other than agricultural products [Kawabata 2000; Takahashi 2004a; 2010]. This expansion was in part spurred by the aim to bring both the land

and its residents under a unified system of control by incorporating the livelihood of the people and the site of production within the bounds of the  $sh\bar{o}en$  [Ebara 2000].

Commendation by nobles to the sovereign and his relatives occurred following the conclusion of negotiations regarding the formation of this substantially new type of *shōen*. Papers concerning the commendation were drawn up and then passed through the sovereign to his temple. A document dating from the middle of the twelfth century commends an already existing *shōen* to the sovereign's wife by a noble retainer. However, the boundaries of the projected new, extremely large, *shōen* have already been recorded, which clearly displays the fabrication that tinged commendation documents [Takahashi 2002].

Despite the establishment of this new type of  $sh\bar{o}en$ , there were a number of reasons why the small existing  $sh\bar{o}en$  commended by nobles were used. However small and unstable they might be, they had the advantage of having been officially authorised in the past by provincial officials. In addition, from a management point of view, the ties between the powerholders in the locality of the  $sh\bar{o}en$  and the nobles in the capital could be utilised even on the new  $sh\bar{o}en$  [Kawabata 2000].

In exchange for commending their small  $sh\bar{o}en$ , the nobles acquired status from being entrusted with the management of a new extensive  $sh\bar{o}en$  and from the income based on it. Since both position and income were hereditary within the household of the noble concerned, it was necessary to have the consent of the sovereign. As a result, the nobles sought increasingly to pledge their service as retainers to the sovereign and his relatives who possessed extensive  $sh\bar{o}en$ . Commending land in the provinces to the sovereign and his retainers could also be a useful way to create and strengthen new human relationships, as did men of warrior status who became increasingly influential in the political circles of the centre from the end of the eleventh century.<sup>1</sup> In other words, the  $sh\bar{o}en$  that were established and commended by the sovereign and his circle to temples became the base for a new personnel structure among the ruling class, where the nobility was organised according to a logic different to the bureaucratic system of the earlier period.

Though *shōen* commended by the sovereign and others to temples were recognised as such by the central government, the temples lacked the power to enforce the collection of taxes because of their weak administrative structure. Thus, even after commendation, those *shōen* continued to be administered in real terms by the house organs of governance of the person who made the commendation. When the original commender died, the temple and its *shōen* were inherited as a set by his

<sup>1</sup> For example, Taira no Masamori 平正盛 who became close to the retired sovereign Shirakawa 白河, commending his property to the temple of Rokujōin 六条院, which Shirakawa had founded at the beginning of the twelfth century, and establishing Tomoda no shō 鞆田荘 in Iga 伊賀 province [Ryū 1957]. descendants (including the next sovereign) and regulations providing for the uninterrupted preservation of the *shōen* were issued [Kondō 2016; Hotate 2015]. Some such documents are imprinted with a handprint in vermilion or black ink, as if to symbolise the person of the sovereign himself [Ueshima 2015].

All the same, the state did maintain in part its traditional right to levy taxes through the provincial governor on the medieval *shoen* that had been formed anew through this chain of commendation [Takahashi 2004a; Kamakura 2009]. Thus the sovereign and his relatives and the temples they had founded did not necessarily receive all of the tax revenue from the *shoen*, with their extensive agricultural and forest land. However, though local administrative organs retained some taxation rights, it did not mean that provincial officials had the right to enter these shoen directly in order to collect tax. It was the responsibility of the noble to whom the management of the shoen had been entrusted by the commender (the sovereign, etc.) to collect from it the portion of tax revenue retained by the provincial administration and its governor and pass it on to them [Takahashi 2004a]. Thus even though there were multiple rights associated with levving tax for each tract of land, its collection was unified. This was convenient for the local residents since if the tax belonging to each interest was collected separately, further expenses would be involved, such as for the entertainment of the officer, which were really an additional tax. On the shoen commended by the sovereign to a temple, such trouble could be resolved before it occurred, and so having all the taxes collected together by one person received the support of the local powerholders as well [Takahashi 2004b]. In this sense, the medieval shoen was not simply a private holding but maintained a role as a new administrative unit for those residents on it.

From the second half of the thirteenth century, when there was the establishment of new *shōen* fell away and there was buoyant growth in the trade of commercial products, commendations to temples by the sovereign expanded to include the right to collect tariffs at ports and other places [Aida 1943; Shinjō 1994; Nagamura 1989]. Tax revenue based on the flourishing mercantile activity became very important as a more stable and valuable tax source than the *shōen* and their agricultural produce.

### 3. Commendation of Land at the Residents' Level

Let us now look at the commendation of land by cultivators and others not of the nobility, whom I have thus far treated as "residents." If the piece of land, a limited tract of agricultural land, was located within the *shōen*, it of course was taxed as agricultural land belonging to the *shōen*. Different to this was the commendation or endowment by residents of cultivation or tax collection rights to a temple they were closely associated with for the performance of memorial services for their

relations or for themselves after their death. Legally it took the form of securing a service through recurrent payments (Ger. Reallast; Eng. land charge) [Nagamura 1989; Arai 2001]. While this represents a broadening of land commendation, based on religious motives and the performance of ancestral rites, the role performed by the commendation of land does not stop there.

To take an example, agricultural land was commended to maintain the bathhouse at Tōdaiji  $\bar{x}$  $\pm$ , one of the great medieval temples that had been built in Nara in the eighth century by the then emperor. The cessation of state financial support, as described above, forced the temple to create an independent community of priests and develop new *shōen* to sustain itself. This was the basis on which it entered the medieval period [Inaba 1997; Nagamura 1989; Hisano 1999].

From around the twelfth century, we find mention of the bathhouse at Todaiji. It occupied an important position, both as a place for the priests to purify themselves and as a meeting place for the clerical body as a whole. Commendations of small pieces of land were made by cultivators and priests to the temple community to gain a fixed income to cover the costs of heating a day's worth of water [Nagamura 1989; Arai 2001; Nishio 2004]. The agricultural land to cover this cost for about half a year (not everyday) was determined and it was the commender himself or his descendants who actually paid the expenses to Todaiji, while in actuality continuing in most cases substantially to manage the land that had been commended. In other words, the income from the agricultural land commended belonged to the community of priests but the commender reserved to himself the roles of managing the fields or collecting the tax [Takahashi 2004c]. This right could be sold to others. It was also not unusual for a designated piece of cultivated land on a shoen to be commended to a temple completely unconnected the one that was its proprietor. This was because in medieval Japan various rights concerning the same piece of land and the income based on them were differentiated.

When there was any infringement of rights or other kind of trouble concerning the land, the greatest possible weapon of the commenders who continued manage the land and collect taxes from the actual cultivators was that it was a revenue source for the Tōdaiji bathhouse. This was because with Tōdaiji's backing, they stood in a very favourable position when it came to lawsuits. Such commendation was an attempt to stabilise and regularise even to a small degree the uncertain control and income associated with cultivated land in provincial society, using the religious authority and political power of the temple. It was not simply inspired by voluntary religious concerns [Nishio 2004].

If there were any breaches of the contract, such as the non-payment of the funds so essential to the bathhouse, the priests of Tōdaiji would bring the commended land under their own direct control. Contract documents specifying this have been found at Tōdaiji, preserved together with the commendation documents. Reacting to non-payment, the temple would declare forfeit the rights held by the

commenders and send an envoy to the land in question, where he would set up a wooden notice to the effect that Tōdaiji had sequestered the piece of land and that the commenders were not allowed to enter it [Takahashi 2004c].

Such instances increased after the fourteenth century, with the kind of measures described above being taken in a large number of tracts of cultivated land commended to the Tōdaiji bathhouse and other places. This may have in part been influenced by changes in the natural environment and their effect on agricultural production (natural disasters occurred frequently at this time) but it is also possible that they were due to modifications to the basic principle about land commendation towards the end of the medieval period, the principle of the redistribution of the excess obtained from direct production such as agriculture.

# 4. Changes in Commendation Activity through the Agency of the Tenure System

I have been speaking about the situation in medieval Japan where the same piece of land could be commended by people of different classes without any contradiction. This was a time when a new system of administration was evolving, different to that brought from China in the eighth century. By the tenth century discrepancies between the existing administrative law (*ritsuryō* system) and actual social conditions had gradually heightened and this new system represented an adjustment of the Chinese-derived system to the realities in Japan. The action of commendation can be regarded as an important process in this reorganisation, representing the development of a new mechanism for the appropriation and redistribution of the wealth gained through land.

In conclusion, I would like to mention that there is a commonality in the commendation of land to the deities, temples, and shrines in medieval Japan that goes beyond differences in social class. While such commendation had as its purpose a demonstration of faith in the kami and the buddhas, the veneration of the dead, and the performance of good actions in this life, it was also a way to stabilise and perpetuate as greatly as possible the tenure and management of land by particular secular family lines, given that the landholder might cancel the transaction, whether it was a grant, a sale, or even a commendation.

At some point during the medieval period, the idea emerged that there was a clear distinction between what belonged to the deities and what belonged to human beings. Grants, sales, and commendations between people could be cancelled but land commended to the deities could not be taken back [Kasamatsu 1984]. As a result, often land that was in danger of being taken back was commended to the kami and buddhas and the commender would continue to manage it [Muraishi 2013].

Another way to achieve this result was to purchase land and commend it

immediately to the deities. When local people bought or sold land, the seller would normally pass a prepared sales document to the buyer. However, when the buyer informed the seller in advance that he was going to commend the land to a temple or shrine, the sales document and the commendation document would be prepared at the same time and both were passed to the religious institution as proof of the commendation. The seller too would thus be included in the orbit of the commendation, with the understanding that the land he had sold already belonged to the deities and could not be returned. Following the commendation, there was no problem about the buyer (that is, the commender) being involved in the management of the land. In fact, this method of commendation was clearly a means of self-protection as far as the buyer was concerned.

Despite the land being ostensibly in the possession of the deities, there are many cases of changes in tenure from the commender to other people, including priests. By the end of the thirteenth century, ideas about the inviolability of what belonged to deities had weakened. Once organs of government came to deliberate in settling disputes among members of the ruling class, both the nobility and the military elite, the social efficacy of land commendation seems to have been undermined [Jinno 2013].

After the fourteenth century, endowment by the sovereign to the great temples generally took the form of new tax revenues derived from the growing circulation of commodities (for example, taxes on merchant shipping at ports and single commodity taxes), rather than from land, like *shōen*. Furthermore, another form of commendation appeared that was time specific. While there was on the one hand a continuation of commendation to local temples of the segmented rights in cultivated land that had been purchased by local powerholders and communities, we get glimpses of a type of commendation that seems more like a financial system making use of religious ideology [Yuasa 2007]. We can see that the function of commendation to temples by people from all social classes was changing in parallel to changes in wider social attitudes.

#### **Bibliography**

- Aida Nirō 相田二郎. 1943. Chūsei no sekisho 中世の関所 [Medieval barrier stations]. Tokyo: Yūhō shoten.
- Akamatsu Toshihide 赤松俊秀. 1972. Kodai chūsei shakai keizaishi kenkyū 古代中世社会経 済史研究 [A study of ancient and medieval social and economic history]. Kyoto: Heirakuji shoten.
- Arai Takashige 新井孝重. 2001. *Tōdaijiryō Kurodashō no kenkyū* 東大寺領黒田荘の研究 [A study of the Kuroda estate of Tōdaiji]. Tokyo: Azekura shobō.
- Ebara Masaharu 榎原雅治. 2000. Nihon chūsei chiiki shakai no kōzō 日本中世地域社会の構造 [Structure of medieval Japanese local society]. Tokyo: Azekura shobō.

- Hisano Nobuyoshi 久野修義. 1999. Nihon chūsei no jiin to shakai 日本中世の寺院と社会 [Temples and society in medieval Japan]. Tokyo: Hanawa shobō.
- Hōgetsu Keigo 宝月圭吾. 1999. Chūsei Nihon no baiken to tokusei 中世日本の売券と徳政 [Medieval Japanese bills of sale and debt cancellation]. Tokyo: Yoshikawa kōbunkan.
- Hotate Michihisa 保立道久. 2015. *Chūsei no kokudo kōken to tennō, buke* 中世の国土高権 と天皇・武家 [Territorial prerogatives in the medieval period and the royal and military houses]. Tokyo: Azekura shobō.
- Inaba Nobumichi 稲葉伸道. 1997. *Chūsei jiin no kenryoku kōzō* 中世寺院の権力構造 [The structure of authority in medieval temples]. Tokyo: Iwanami shoten.
- Jinno Kiyoshi 神野潔. 2013. "Buddahō" no saikentō 「仏陀法」の再検討 [Reconsideration of "Budda-hou"]. Musashino Tanki Daigaku kenkyū kiyō 武蔵野短期大学研究紀要 27: 191–202.
- Kamakura Saho 鎌倉佐保. 2009. Nihon chūsei shōensei seiritsushi ron 日本中世荘園制成立 史論 [History of the creation of the shōen system in medieval Japan]. Tokyo: Hanawa shobō.
- Kanno Fumio 菅野文夫. 1986. Honken to tetsugi 本券と手継 [Documents and deeds]. Nihonshi kenkyū 日本史研究 284: 1–33.
  - ——. 1990. Chūseiteki bunshoshugi shiron 中世的文書主義試論 [Inquiry into medieval document-based principles]. *Iwate Daigaku Kyōiku Gakubu kenkyū nenpō* 岩手大学 教育学部研究年報 50 (1): 44–61.
- Kasamatsu Hiroshi 笠松宏至. 1979. Nihon chūseihōshi ron 日本中世法史論 [Study of the history of medieval Japanese law]. Tokyo: Tōkyō daigaku shuppankai.
- ------. 1984. *Hō to kotoba no chūseishi* 法と言葉の中世史 [A medieval history of law and words]. Tokyo: Heibonsha.
- Kawabata Shin 川端新. 2000. Shōensei seiritsushi no kenkyū 荘園制成立史の研究 [A historical study of the formation of the shōen system]. Kyoto: Shibunkaku shuppan.
- Kondō Seiichi 近藤成一. 2016. Kamakura jidai seiji kōzō no kenkyū 鎌倉時代政治構造の研究 [Study of the political structure of the Kamakura period]. Tokyo: Azekura shobō.
- Kudō Keiichi 工藤敬一. 1992. Shōen kōryōsei no seiritsu to nairan 荘園公領制の成立と内 乱 [The formation of the system of private estates and public lands and internal warfare]. Kyoto: Shibunkaku shuppan.
- Murai Yasuhiko 村井康彦. 1965. Kodai kokka kaitai katei no kenkyū 古代国家解体過程の研究 [Study of the process of the breakdown of the ancient state]. Tokyo: Iwanami shoten.
- Muraishi Masayuki 村石正行. 2013. *Chūsei no keiyaku shakai to monjo* 中世の契約社会と 文書 [The medieval contract society and documents]. Kyoto: Shibunkaku shuppan.
- Nagahara Keiji 永原慶二. 1961. Nihon hōkensei seiritsu katei no kenkyū 日本封建制成立過 程の研究 [Study of the formation process of Japan's feudal system]. Tokyo: Iwanami shoten.
- Nagamura Makoto 永村眞. 1989. *Chūsei Tōdaiji no soshiki to keiei* 中世東大寺の組織と経 営 [The organisation and management of the medieval Tōdaiji]. Tokyo: Hanawa shobō.
- Nakada Kaoru 中田薰. 1943. Hōseishi ronshū [Essays on legal history] 法制史論集. Vol. 3. Tokyo: Iwanami shoten.
- Nishio Tomomi 西尾知己. 2004. Chūsei Tōdaiji no jiryō keiei saihen to sanzai shoryō 中世 東大寺の寺領経営再編と散在所領 [Management reorganisation of medieval Tōdaiji

landholdings, and its scattered holdings]. Kamakura ibun kenkyū 鎌倉遺文研究 14: 38-61.

Ryū Susumu 龍粛. 1957. Kamakura jidai 鎌倉時代 [The Kamakura period]. Tokyo: Shunjūsha.

- Sakamoto Shōzō 坂本賞三. 1985. *Shōensei seiritsu to ōchō kokka* 荘園制成立と王朝国家 [The Heian state and the formation of the *shōen* system]. Tokyo: Hanawa shobō.
- Satō Yasuhiro 佐藤泰弘. 2001. Nihon chūsei no reimei 日本中世の黎明 [The dawn of the medieval period in Japan]. Kyoto: Kyōto Daigaku gakujutsu shuppankai.
- Shinjō Tsunezō 新城常三. 1994. Chūsei suiunshi no kenkyū 中世水運史の研究 [A study of the history of medieval water transport]. Tokyo: Hanawa shobō.
- Takahashi Kazuki 高橋一樹. 2002. Chūsei shōen no risshō to ōke, sekkanke 中世荘園の立荘 と王家・摂関家 [The establishment of the medieval *shōen* and the royal and regent houses]. In *Insei no tenkai to nairan* 院政の展開と内乱, ed. Motoki Yasuo 元木泰雄, 185–222. Tokyo: Yoshikawa kōbunkan.
  - —. 2004a. *Chūsei shōensei to Kamakura bakufu* 中世荘園制と鎌倉幕府 [The medieval *shōen* system and the Kamakura bakufu]. Tokyo: Hanawa shobō.
  - --. 2004b. Shōensei no henshitsu to kōbu kenryoku 荘園制の変質と公武権力 [Breakdown of the *shōen* system and public and military authority]. *Rekishigaku kenkyū* 歴史学研 究 794: 40-49.
  - —. 2004c. Chūsei jiin no kurashi o sasaeru shikumi 中世寺院のくらしを支えるしくみ [Mechanisms supporting the life of medieval temples]. In *Chūsei jiin no sugata to kurashi* 中世寺院の姿とくらし, ed. Kokuritsu Rekishi Minzoku Hakubutsukan 国立歴 史民俗博物館, 97–119. Tokyo: Yamakawa shuppansha.
  - 2010. Chūsei kenmon jisha no zaimoku chōtatsu ni miru gijutsu no shakaiteki haichi 中世権門寺社の材木調達にみる技術の社会的配置 [The social positioning of technologies seen in the procurement of timber for the temples and shrines of the ruling elite focusing on the early Middle Ages]. *Kokuritsu Rekishi Minzoku Hakubutsukan kenkyū hōkoku* 国立歴史民俗博物館研究報告 157: 31–50.
- Ueshima Susumu 上島享. 2015. Hongan shuin kishō no seiritsu本願手印起請の成立 [The developent of Honganji documents]. *Kamakura ibun kenkyū* 鎌倉遺文研究 35: 1-28.
- Yamada Shō 山田渉. 1983. Chūseiteki tochi shoyū to chūseiteki shoyūken 中世的土地所有 と中世的所有権 [Medieval land holding and ownership]. In *Rekishigaku kenkyū bessatsu tokushū Higashi Ajia sekai no saihen to minshū ishiki* 歴史学研究別冊特集 東アジア世界の再編と民衆意識, 64–72. Tokyo: Aoki shoten.
- Yuasa Haruhisa 湯浅治久. 2007. Nihon chūsei no zaichi shakai ni okeru kishin kōi to shokaisō 日本中世の在地社会における寄進行為と諸階層 [Commendation and social class in medieval Japanese local society]. *Rekishigaku kenkyū* 歴史学研究 737: 58–69.